

Established

Taiwan , year 1990

Main Business

CviLux Brand & ODM/OEM Business

Key Products

Connector, FFC, Wire Harness, Cable Assemblies, PCBA, Electronic Components, 3C Product ... etc.

Competitive Advantage

- (1) Listed Company in Taiwan Stock Market (TWSE8103)
- (2) Worldwide Sales Network
- (3) Advance ERP & Customer Service
- (4) Integrated Marketing Service System
- (5) Turnkey Green Product Solution
- (6) International Standard of QC & Certificates

Factory & Office Location

Taiwan – Tamsui Plant – Headquarters (CCT)

China – Dongguan Plant – 1 (CED)

Dongguan Plant – 2 (DQH)

Dongguan Plant – 3 (CED2)

Suzhou Plant (HBC)

Chongqing Plant (CQC)

Anhui Plant (AHC)

Shenzhen Office (CTS)

Lao – Lao Plant (LAO)

USA – USA Office (CUC)

Sales Agent

Allsor Technology Corporation (Taiwan)

Allsor (Dongguan) Technology Corporation (China)

Quality Policy

Improve Our Product Quality & Operation System

To Satisfy Our Customer's Demand

I.P.O.

TWSE8103 (Taiwan Stock Exchange Corp.)



CviLux Corporation Headquarters, Taiwan



CviLux Electronics (Dongguan) Co., Ltd.



CviLux Technology (Shenzhen) Corporation



CviLux Technology (Chongqing) Corporation



Dongguan Qunhan Electronics Co., Ltd.

TERMS & CONDITIONS

Sample Request

Samples will be dispatched out by freight collected courier against prices approved by customers.

Tape & Reel Request

T/R available, please consult manufacturer for details.

Quotation Validity

Quoted prices are based on current selling prices and will be valid within 6 months from issued date. CviLux reserves the right to adjust quoted prices any time in response to International raw material costs or simply error correction on typing.

Export Payment Terms

Standard term is T/T in advance. Payment term extension application to be approved by CviLux individually.

Minimum Package Quantity

Customer order quantity should meet our minimum package quantity for purpose of inventory control and speeding up for delivery.

Minimum Order Quantity

To smooth production process, please place orders to meet our MOQ based on different products.

Delivery Term

(A) Air shipment amount over USD 5000/ EURO 4500
F.C.A. Taiwan/H.K./ Shanghai.

(B) Air shipment amount less than USD 5000 / EURO 4500:
F.C.A. Taiwan/H.K./ Shanghai + handling charge USD 350/
EURO 310 or EXW without handling charge.

(C) Sea shipment amount over USD 12000/ EURO 11000:
F.O.B. Taiwan/H.K./ Shanghai.

(D) Sea shipment amount less than USD 12000/ EURO 11000: F.O.B. Taiwan/H.K./Shanghai + handling charge USD 350/ EURO 310 or EXW without handling charge. CviLux reserves the right to adjust handling charge to reflect actual transportation cost and exchange rate if any necessary.

Time of Delivery

All delivery dates quoted are estimated, are not guaranteed and do not form a term of contract, while every endeavor will be made to comply with these dates, CviLux shall have no liability for any delay in dispatch or delivery.

Placing Orders

Please place a formal order by fax, e-mail. Verbal Phone orders will not be accepted or entered into our system. place a formal order by fax, e-mail. Verbal phone orders will not be accepted or entered into our system.

Orders Cancellation and Changes

Customer's orders' cancellation or changes should be informed in 3 days after orders placing. Any unrecoverable manufacturing cost raised by the cancellation and changes will be charged to the customers.

Shipping

Special shipping instruction will be followed whenever possible. If no special demand of shipping, we will deliver the shipment to you with the "best way."

Constant Product Improvement

The products supplied may not be agreed in all details with description and illustrations. Product specifications are subject to constant improvement.

Guarantee

All "non-customized" parts from CviLux Corporation are unconditionally guaranteed for 30 days from the date of shipment.

Warranty

CviLux Corporation warrants the materials and workmanship of its products for 80 days from the date of shipment.

Returned Goods

Any defects or errors for which we are responsible will be promptly rectified. Approval for return of goods must be requested by CviLux. All products returned must have been purchased from CviLux Corporation within 6 months from the date of invoice, and must be packed and shipped in clean and re-saleable condition. Credit for returned goods shall only be allowed by receiving CviLux official credit notes acer above requirements have been met

Force Majeure

CviLux shall have no liability in respect of failure to deliver or per form or delay in delivering or performing any obligations to the customer, due to any cause of whatsoever nature outside of the reasonable control of the seller including but not limited to causes arising from acts or omissions of the customer.

Export Control Regulations

Some or All of the goods supplied by CviLux may be subject to export control regulations. Such goods may not be exported by the customer without prior approval of the relevant authorities. It is the responsibility of the customer to obtain such approval. Under no circumstances shall the seller be liable for any loss or damages incurred by the customer as a result of customer's contravention of any export control regulations.



Wire to Board & Cable Assembly



Power Connectors



Pin Headers



FFC/ FPC Connectors



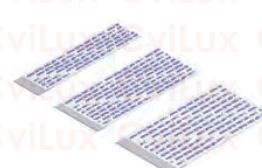
RF Connectors



D-SUB Connectors



FFC



USB Type C Connectors & Cable





Wire to Board & Cable Assembly



Pin Headers

FFC/ FPC Connectors & FFC



RF Connectors

D-SUB & Combo D-SUB

Telephone Jacks



USB Type C Connectors & Cable

Mini PCI-E

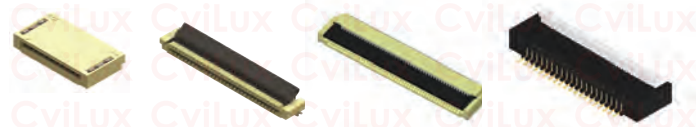




Wire to Board Connectors & Harness Cable



FFC/FPC Connectors



FFC & LVDS FFC



Power Connectors

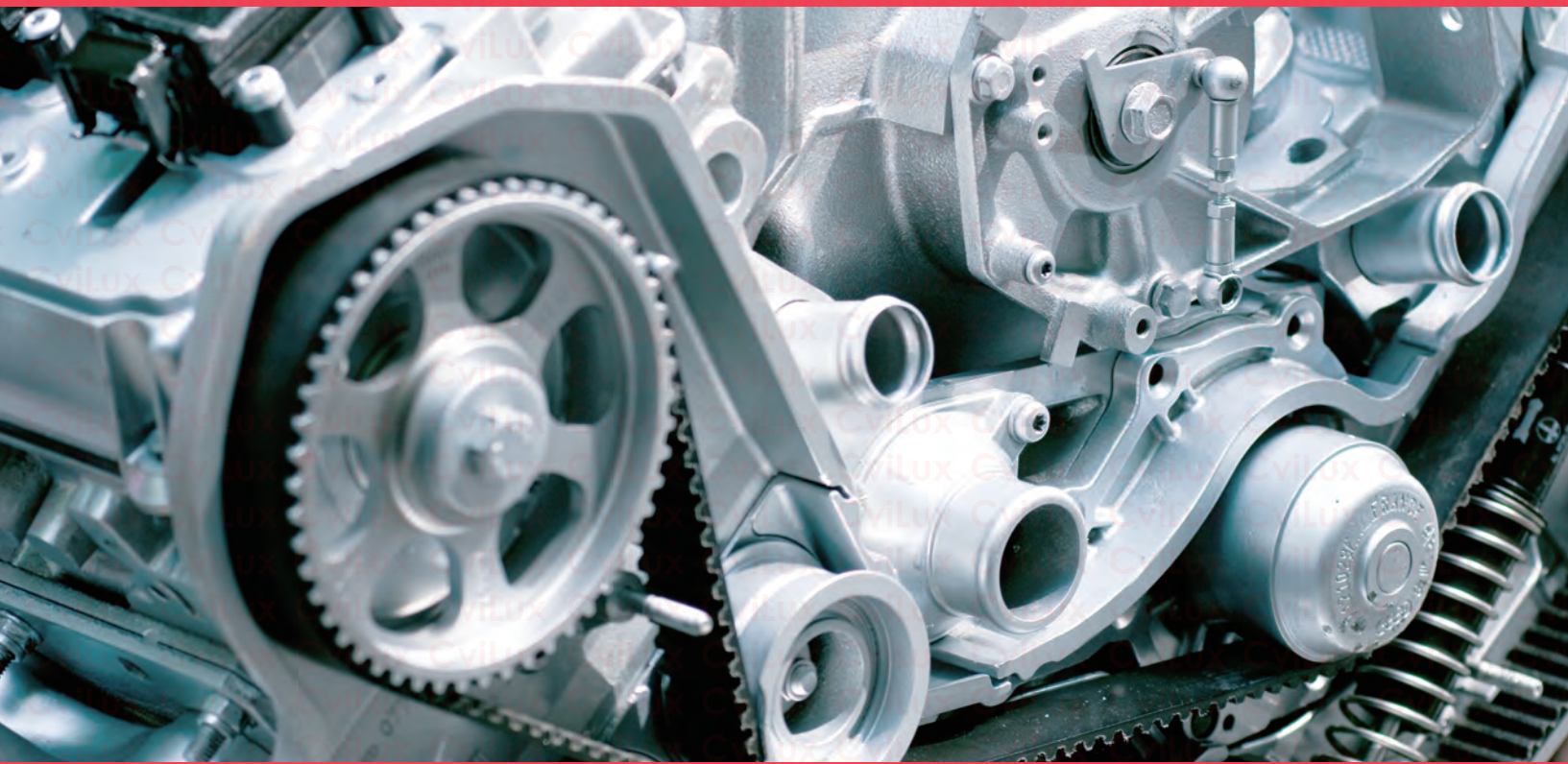


LED Holder

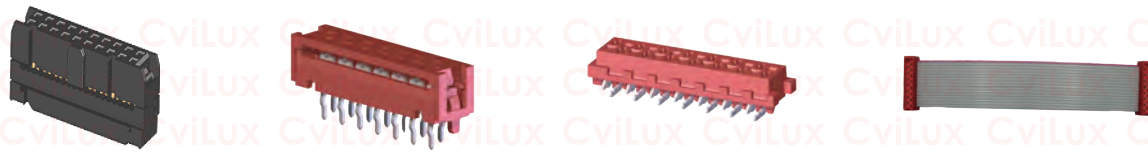


USB Type C Connectors & Cable





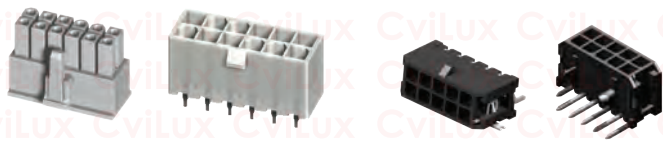
IDC Connectors & Cable



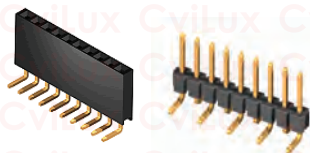
FFC/FPC Connectors & FFC



Power Connectors



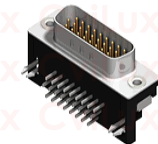
Pin Headers



BTB Connectors



D-SUB



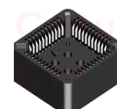
USB Type C Connectors & Cable



USB



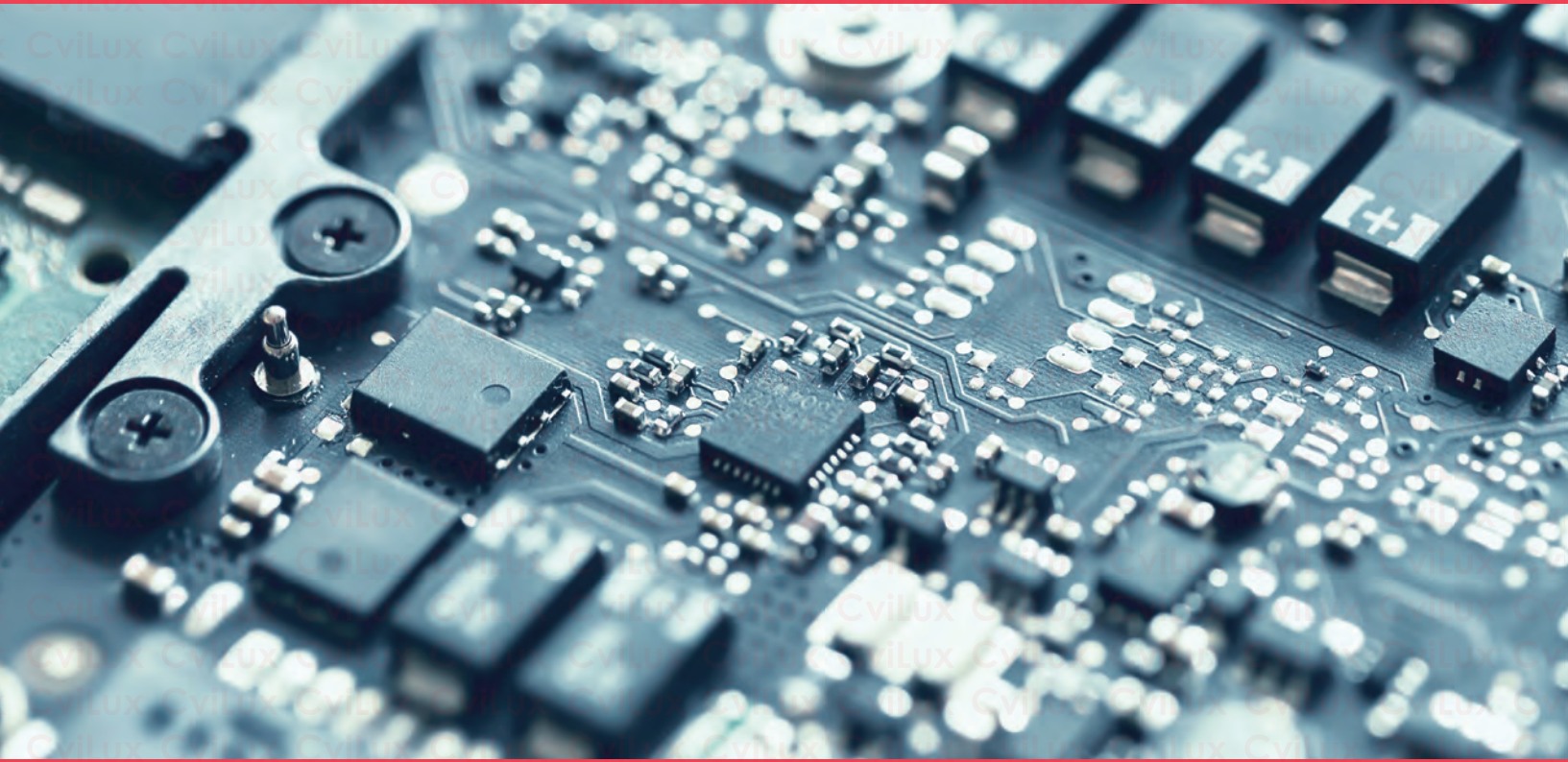
IC socket



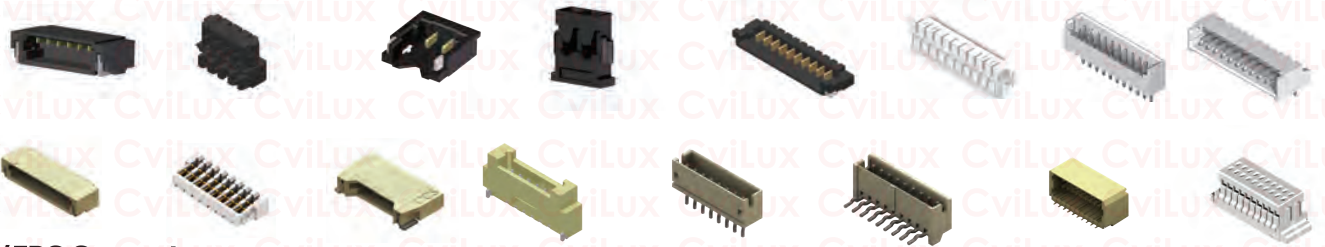
Jumper



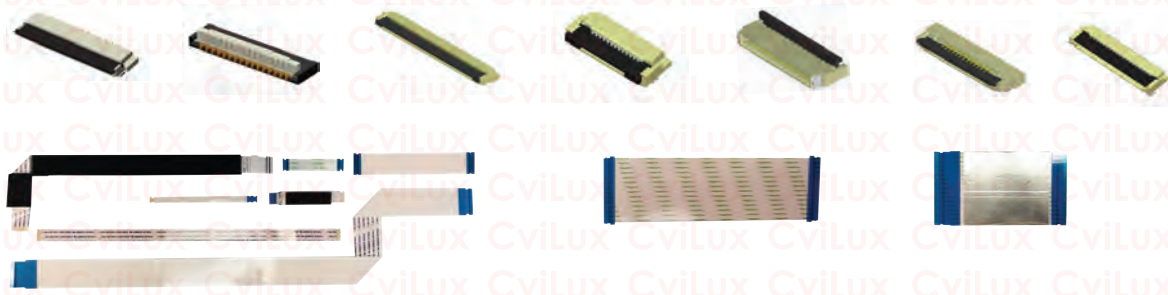
Laptop Industry



Wire to Board Connectors



FFC/FPC Connectors



BTB Connectors



LVDS Connectors



USB Type C Connectors



I/O Connectors

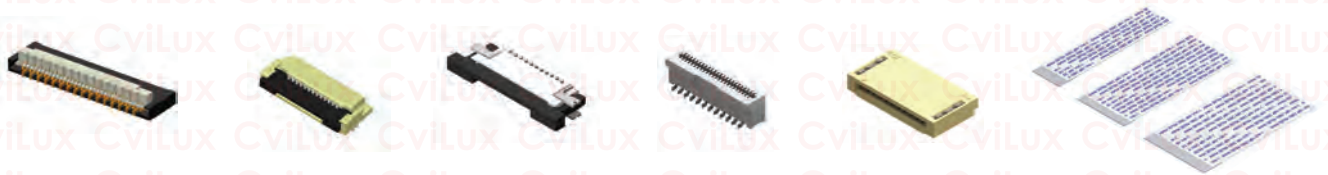




Wire to Board Connectors



FFC/FPC Connectors & FFC



BTB Connectors



I/O Connectors



USB Type C Connectors



USB Type C Cable



PRODUCT CATEGORY



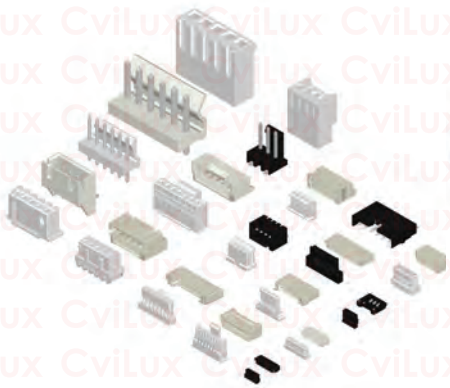
FFC / FPC Connectors



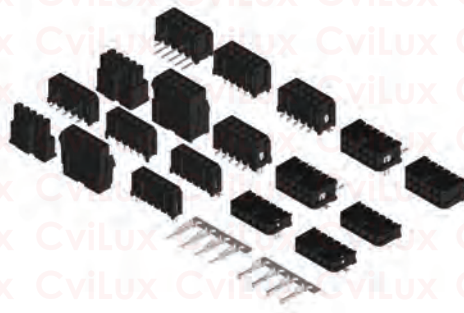
FFC and LVDS Cables



LVDS Connectors



Wire to Board Connectors



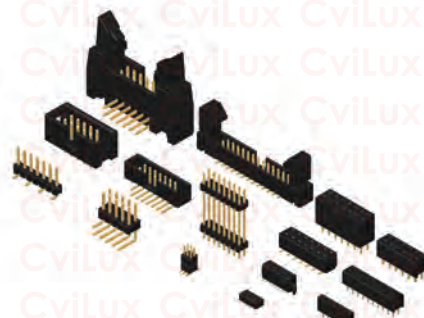
Power Connectors



IDC Connectors



Board to Board Connectors



Pin Headers



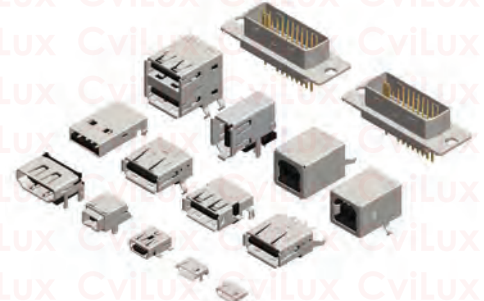
Socket Connectors



**D-SUB and
Combo D-SUB Connectors**



Modular Jack Connectors



I/O Connectors



USB Type C Connectors



**RF Microwave
Coaxial Connectors & Cable**



Pogo Pin Connectors



**Fiber Optical Connector
& Cable**



PCBA



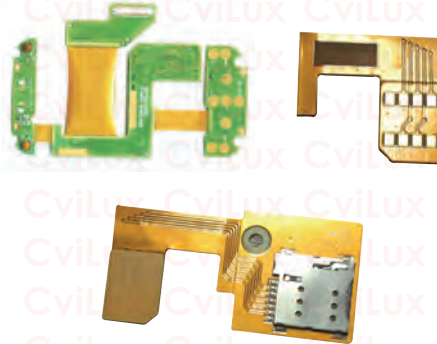
Module

PRODUCT CATEGORY

PI High Temperature Film FFC



Cable with PCBA Assemblies



IDC Cable Assemblies



Type C Cable & Adapter



Lightning Cable



HDMI AOC Cable



STATEMENT OF ENVIRONMENTAL FRIENDLY POLICY

As members of global community, we should all be aware of limited resource consumption and increasing pollution's impact to earth. Our next generation and living animals could live in a dangerous environment without our efforts. Because of this, CviLux Corporation commits to provide environmental friendly products to its clients by using less energy and efficient production. CviLux spirit is to preach such green mind to all the employees and partners who are working closely with us.

Definition:

RoHS Compliant and Lead Free Soldering Process

This letter is released to explain the difference between RoHS compliant and Lead Free Soldering Process. These terms confused R&D designers a lot when they need to select right components and processes for their designs. With this letter, we hope to minimize the confusion and clarify these terms to any one who is interested in this topic.

- RoHS compliant: Indicates raw material of product contained forbidden material within the limitation defined by RoHS directive 2011/65/EU & 2015/863/EU.

- Lead Free Soldering Process: Indicates products themselves can stand specific soldering profile such as J-STD-020C/D or SS-00254.

Currently, there are still no fixed lead free soldering process can be adopted to all kinds of components. For SMT components, the most widely used norms are J-STD-020C/D and SS-00254. As for THT components, JESD22-B106C is the most popular one. CviLux has already set these norms as the standard processes to follow. The details of related soldering temperature of above norms can be found in CviLux product specifications.

Besides, there is still one important concept- It is not a must for RoHS compliant components to adapt Lead Free soldering process. In some cases, it is possible that components are RoHS compliant but not available for lead free soldering process. On the contrary, components available for lead free soldering process are always RoHS compliant. One obvious example is that when cable assemblies can meet RoHS standard, it refers to that the raw materials are environmental friendly only but nothing related to lead free soldering process. PCB components apply the same to the above.

Halogen Free

Halogens are 5 non-metallic elements in group VIIA of the periodic table Fluorine, Chlorine, Bromine, Iodine, Astatine.

Halogens exists, at room temperature, in all three status, Solid (Iodine, Astatine), Liquid (Bromine) and Gas (Fluorine, Chlorine). Currently, only 2 of these 5 elements are normative by IEC, which are Cl and Br.

Why does Halogen Free become new challenges to connector manufacturers? Because the common used connector raw materials like PA66 and PBT are without fire resistance characteristic originally, to strengthen fire resistance characteristic in connector raw materials, Brominated Flame Retardants are used as additive.

However, with more and more emphasis on the importance of Halogen Free products, the use of Brominated Flame Retardants becomes more and more difficult and is restricted by content. To adapt this world wide trend, CviLux has had set its standard of Halogens Free policy according to IEC 61249-2-21 and produce the products since Jan. 2008.

- 900 ppm maximum Cl.
- 900 ppm maximum Br.
- 1500 ppm total Halogens.

Meanwhile, as the research of alternative materials/solutions for better performance plastics is progressing, CviLux will take part in this trend and provide its customers with latest technical support.

Requirement for install

© Android 7.0 above, iOS 9 above.

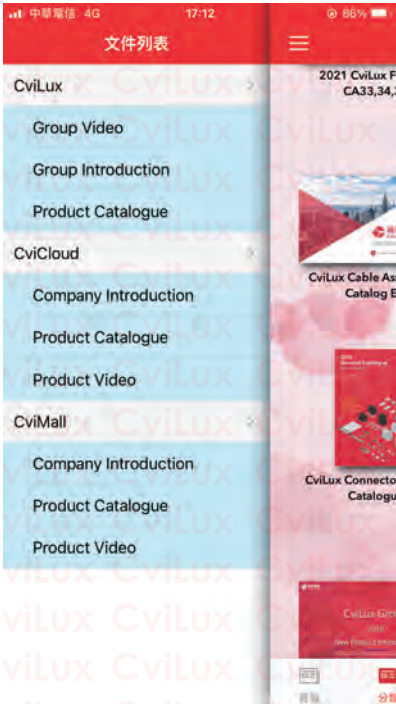
Step 1. iOS/Google Play Key Word Search: CVILUX



Step 3. General Catalogue



Step 2. Download E- Catalogue on the shelf



RoHS Compliant : RoHS Compliant

: TUV Certified

: UL Certified

: Lead-Free soldering process available

: Halogen-Free

Series	Pitch(mm/inch)	Description	
A. FFC / FPC Connectors			
System CF		Construction of Connector	1
		Connection Combinations of Connector and FFC Cable	2
CF58	0.30(.012")	H=0.90 SMT ZIF FFC/FPC Connectors(Back Lock)	4
CF38	0.30(.012")	H=1.00 SMT ZIF One-Touch FFC/FPC Connectors	5
CF30	0.30(.012")	H=1.25 SMT ZIF One-Touch FFC/FPC Connectors	6
CF86	0.50(.020")	H=0.90 ZIF Side Entry SMT Type FFC/FPC Connectors	7
CF42	0.50(.020")	H=0.96 SMT ZIF One-Touch FFC/FPC Connectors (Back Flip)	8
CF35	0.50(.020")	H=0.96 SMT ZIF One-Touch FFC/FPC Connectors	10
CF87	0.50(.020")	H=0.98 ZIF Side Entry SMT Type FFC/FPC Connectors (Back Flip)	13
CF92	0.50(.020")	H=1.22 SMT ZIF One-Touch FFC/FPC Connectors	14
CF55	0.50(.020")	H=1.25 SMT ZIF One-Touch FFC/FPC Connectors	15
CF88	0.50(.020")	H=1.57 ZIF Side Entry SMT Type FFC/FPC Connectors (Back Flip)	16
CF69	0.50(.020")	H=1.75 SMT LIF One-Touch FFC/FPC Connectors	17
CF39	0.50(.020")	SMT One - Touch FFC/FPC Connectors	18
CF75	0.50(.020")	SMT One-Touch FFC/FPC Connectors	19
CF82	0.50(.020")	H=2.00 SMT ZIF One-Touch FFC/FPC Connectors	20
	1.00(.039")	H=2.00 SMT ZIF One-Touch FFC/FPC Connectors	21
CF76	0.50(.020")	H=2.10 SMT LIF FFC/FPC Connectors	22
CF85	0.50(.020")	H=2.20 SMT ZIF One-Touch FFC/FPC Connectors	23
CF90	0.50(.020")	H=2.20 ZIF FFC/FPC Connectors	24
CF50	0.50(.020")	H=1.46 SMT ZIF One-Touch FFC/FPC Connectors	25
	1.00(.039")	H=1.46 SMT ZIF One-Touch FFC/FPC Connectors	28
CF61	0.50(.020")	H=1.75 SMT ZIF One-Touch FFC/FPC Connectors	32
CF31	0.50(.020")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	33
	1.00(.039")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	34
CF34	0.50(.020")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	36
CF25	0.50(.020")	H=2.20 SMT ZIF One-Touch FFC/FPC Connectors	38
	1.00(.039")	H=2.20 SMT ZIF One-Touch FFC/FPC Connectors	40
CF11	0.50(.020")	H=2.70 SMT ZIF One-Touch FFC/FPC Connectors (Back Flip)	42
	1.00(.039")	H=2.70 SMT ZIF One-Touch FFC/FPC Connectors (Back Flip)	43
CF23	0.50(.020")	H=1.20 SMT ZIF FFC/FPC Connectors	45
	1.00(.039")	H=1.20 SMT ZIF FFC/FPC Connectors	46
CF20	0.50(.020")	H=2.00 SMT ZIF FFC/FPC Connectors	47
	0.50(.020")	H=3.90 SMT ZIF Vertical FFC/FPC Connectors	48
	1.00(.039")	H=2.00 SMT ZIF FFC/FPC Connectors	49
CF27	0.50(.020")	H=1.20 SMT LIF FFC/FPC Connectors	50
	1.00(.039")	H=1.20 SMT LIF FFC/FPC Connectors	51
CF24	0.50(.020")	H=4.20 SMT LIF Vertical FFC/FPC Connectors	52
CF95	0.80(.031")	H=1.50 SMT ZIF FFC/FPC Connectors (Back Flip)	53
CF84	0.80(.031")	H=1.57 SMT ZIF FFC/FPC Connectors (Back Flip)	54
CF32	0.80(.031")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	55
CF37	0.80(.031")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	56
CF07	1.00(.039")	H=2.60 SMT ZIF FFC/FPC Connectors	57
CF08	1.00(.039")	H=2.60/3.55 SMT LIF & SMT LIF Vertical FFC/FPC Connectors	58
CF09	1.00(.039")	H=2.60/5.50 DIP LIF FFC/FPC Connectors	59

CF73	1.00(.039")	H=3.30 SMT ZIF One-Toach FFC-FPC Connectors	60
CF10	1.00(.039")	H=3.80/5.00 DIP ZIF FFC/FPC Connectors	61
		H=5.20 SMT ZIF FFC/FPC Connectors	62
CF16	1.00(.039")	H=3.80/5.00 DIP LIF FFC/FPC Connectors	63
		H=3.80/5.20 SMT LIF FFC/FPC Connectors	64
CF12	1.25(.049")	H=4.00/6.80 DIP LIF FFC/FPC Connectors	65
B. Flat Flexible Cables & LVDS FFC Cables			
System FFC	Introduction		66
		Features & Applications & Connections	67
		Ordering Code & Terminal Types table	68
		Shape, Construction and Dimensions	69
		Feature & Caution	70
		Performance	71
CFF / CFE		Flat Flexible Cable Assemblies - LVDS FFC Cable	72
FFCA	2.54(.100")	Flat Flexible Cable Assemblies	73
C. LVDS Connectors			
CVS1	0.50(.020")	LVDS H=3.70 Socket Connectors for TV	74
CVS3	0.50(.020")	LVDS M/H=2.00 Socket Connectors for Notebook	75
CVS5	0.50(.020")	LVDS M/H=4.00 Socket Connectors for Notebook	76
CVSC	1.00(.039")	LVDS H=2.35 Socket Connectors for TV/Monitor	77
CVS7	0.50(.020")	LVDS M/H=1.05 Socket Connectors	79
D. Wire to Board Connectors			
System CI		Connection Combination of Wire to Board Connectors	80
CI20	0.60(.024")	Wire to Board Connectors Housing & SMT Headers	81
CI18	0.80(.031")	Wire to Board Connectors Housing & SMT Headers	82
CI11	1.00(.039")	Single Row Wire to Board Connectors Housing & Terminal	83
		Single Row Wire to Board Connectors SMT Headers	84
		Dual Row Wire to Board Connectors Housing & Terminal	85
		Dual Row Wire to Board Connectors SMT Headers	86
CI16	1.00(.039")	Wire to Board Connectors Housing & Terminal	87
		Wire to Board Connectors SMT Headers	88
CI14	1.00(.039")	Wire to Board Connectors Housing & Terminal	89
		Wire to Board Connectors SMT Side Entry Headers	90
		Wire to Board Connectors Housing & SMT Side/Top Entry Headers	91
CI63	1.20(.048")	Wire to Board Connectors Housing & Terminal & SMT Headers	94
	1.20(.048")	Wire to Board SMT Headers	95
CI40	1.25(.049")	Wire to Board Housing & Terminal	96
		Wire to Board SMT Headers	97
CI42	1.25(.049")	Wire to Board Housing & Terminal	98
	1.25(.049")	Wire to Board SMT Header	99
CI43	1.25(.049")	Wire to Board Connectors Housing & Terminal & SMT Headers	100
CI44	1.25(.049")	Wire to Board Connectors Housing & Terminal	101
		Wire to Board Connectors DIP Headers	102
		Wire to Board Connectors SMT Headers	103
CI45	1.25(.049")	Wire to Board Connectors Housing & SMT Headers	104
CI46	1.25(.049")	Wire to Board Connectors Housing & Terminal	105
		Wire to Board Connectors SMT Headers	106
CIDL	1.25(.049")	Wire to Board Connectors	107
CI15	1.50(.059")	Wire to Board Connectors Housing & Terminal	108
		Wire to Board Connectors DIP & SMT Headers	109

		Wire to Board Latch Type Housing & SMT Headers	110
CI19	1.50(.059")	Wire to Board Connectors Housing & Terminal	112
		Wire to Board Connectors SMT Headers	113
CI87	1.50(.059")	Wire to Board Connectors Housing & Terminal & SMT Headers	114
CIDW	1.50(.059")	Single Row Wire to Board Housing & Terminal	115
		Wire to Board Connectors SMT Headers	116
CIEJ	1.50(.059")	Single Row Wire to Board Housing & Terminal	117
		Single Row Wire to Board SMT Headers	118
CI07	1.80(.071")	Wire to Board Connectors Housing & Terminal	119
		Wire to Board Connectors SMT Headers	120
CI01	2.00(.079")	Single Row Wire to Board IDC Housing & Terminal	121
		Single Row Wire to Board Connectors DIP & SMT Headers	123
		Single Row Wire to Board Latch Type Housing & SMT Header	124
		Dual Row Wire to Board Connectors Housing & Terminal	126
		Dual Row Wire to Board Connectors DIP Headers	127
CI02	2.00(.079")	Board In Connectors	128
CI06	2.00(.079")	Wire to Board Connectors Housing & Terminal	129
		Wire to Board Connectors DIP & SMT Headers	130
CI08	2.00(.079")	Wire to Board Connectors SMT & DIP Headers	131
CI10	2.00(.079")	Wire to Board Connectors SMT Headers	132
CIDX	2.00(.079")	Single Row Wire to Board Housing & Terminal	135
		Wire to Board Connectors SMT Headers	136
CIDY	2.00(.079")	Single Row Wire to Board Housing & Terminal	137
		Wire to Board Connectors DIP Headers	138
CID9	2.00(.079")	Single Row Wire to Board Housing & Terminal	139
		Single Row Wire to Board SMT Headers	140
CIEG	2.00(.079")	Single Row Wire to Board Housing & Terminal	141
CIE4	2.00(.079")	Daul Row Wire to Board to Board DIP Headers	143
CI21	2.50(.098")	Wire to Board Connectors Housing & Terminal	144
		Wire to Board Connectors DIP Headers	145
CI22	2.50(.098")	Wire to Board IDC Connectors Housing & Terminal	146
		Wire to Board IDC Connectors Housing & IDC Cable	147
		Wire to Board IDC Connectors Connectors DIP Header	148
CI23	2.50(.098")	Wire to Board Connectors Housing & Terminal	149
		Wire to Board Connectors DIP Headers	150
CI25	2.50(.098")	Wire to Board Connectors Housing & Terminal	151
		Wire to Board Connectors DIP Headers	152
CI26	2.50(.098")	Board In Connectors	153
CI27	2.50(.098")	Board In Connectors	154
CI30	2.50(.098")	Wire to Board Connectors DIP Header	155
CI60	2.50(.098")	Wire to Board Connectors DIP Header & Housing & Terminal	156
CIL4	2.50(.098")	Wire to Board Connectors SMT Headers	157
CI31	2.54(.100")	Wire to Board Connectors Housing & Terminal	158
		Wire to Board Connectors DIP Headers	159
CI32	2.54(.100")	Wire to Board Connectors Housing & Terminal	160
CI34	2.54(.100")	Dual Row Wire to Board Connectors Housing	161
CI33	2.54(.100")	Single Row Wire to Board Connectors Housing	162
		Single Row Wire to Board Connectors DIP Headers	163
		Dual Row Wire to Board Connectors Connectors	164
		Dual Row Wire to Board Connectors	165

CI35	2.54(.100")	Wire to Board Connectors	166
CI39	2.54(.100")	Wire to Board Connectors SMT Headers	167
CI83	2.54(.100")	Friction Lock Breakaway Headers	168
CID2	2.54(.100")	IDC type Connectors	169
CID7	2.54(.100")	Wire to Board Housing/Terminal/Straight Headers	170
CIL1	3.50(.138")	Board to Board connectors	171
CI51	3.96(.156")	Wire to Board Connectors Housing & Terminal	173
		Wire to Board Connectors DIP Headers	174
CI52	3.96(.156")	Wire to Board Connectors Housing & Terminal	175
		Wire to Board Connectors DIP Headers	176
	7.92(.312")	Wire to Board Connectors DIP Headers	177
CI82	3.96(.156")	Friction Lock Breakaway Headers	178
CI77 /CI78	3.96(.156")	Breakaway Pin Headers	179
CID1	4.00(.157")	Wire to Board Connectors SMT Header	180
CI55	5.08(.200")	Wire to Board Connectors	181
E. Power Connectors			
System CP		Connection Combination of Power Connectors	182
CP75	1.50(.059)	Board to Board Receptacle Connector	183
		Board to Board Plug Connector	184
CP14	1.50(.059")	Single Row Side Entry SMT Headers	185
CP15	1.50(.059")	SMT Headers	186
CPB1		Waterproof Connectors	189
CPB2	2.00(.079")	Waterproof Connectors	190
CP06	2.50(.098")	Receptacle Connectors	193
	2.50(.098")	Plug Connectors	194
CP25	2.50(.098")	Receptacle Connectors	195
CP35	3.00(.118")	Single Row Housing Connectors	196
		Single Row Board Mount Headers	197
		Single Row Side Entry SMT Headers	198
		Single Row Top Entry SMT Headers	200
		Dual Row Receptacle Connectors	201
		Dual Row Plug Connectors	202
		Dual Row Board Mount Headers	203
		Dual Row Side Entry SMT Headers	204
		Dual Row Top Entry SMT Headers	206
CP-01	4.20(.165")	Power Connectors	207
CP-011	4.20(.165")	Receptacle Connectors	208
		Blind Mating Panel Mount Receptacle Connectors	209
		Receptacle Board Mount Connectors	210
		Assembly Power Connectors	211
CP-012	4.20(.165")	Plug Connectors	212
CP-013	4.20(.165")	Straight DIP Solder Headers	213
CP-014	4.20(.165")	Right Angle DIP Solder Headers	216
CP32	5.08(.200")	Power Connectors	219
CP33	5.08(.200")	IDC & Board Mount Receptacle Power Connectors	220
CP60	5.70(.224")	Dual Row Receptacle & Header	221
CP08	6.35(.250")	Single Row Power Connector	223
F. IDC Connectors			
System CA		Connection Combination of IDC Connectors	227
CA30	1.27(.050")	Male IDC & DIP Type Connectors	228

	1.27(.050")	Male IDC SMT Type Connectors	229
CA31	1.27(.050")	Flat Cable - IDC DIP Plugs	230
CA30&CA31		Flat Cable Assemblies	231
CA32	1.27(.050")	Female DIP Type Connectors	232
	1.27(.050")	Female SMT Type Connectors	233
CA33	1.27(.050")	IDC & Crimping Type Connectors	234
CM19		Pull-off tongs for CA33	235
CA34	1.27(.050")	Flat Cable - IDC DIP Plugs	236
CA35	1.27(.050")	Male DIP Type Connectors	237
	1.27(.050")	Male SMT Type Connectors	238
	1.27(.050")	Female DIP Type Connectors	239
CW03	1.27(.050")	Flat Ribbon Cable	240
CA11	2.00(.079")	Center Spacing Flat Cable - IDC Sockets	241
CA21	2.54(.100")	Center Spacing Flat Cable - IDC Sockets	242
CA23	2.54(.100")	Center Spacing Flat Cable - IDC DIP Plugs	243
G. Board To Board Connectors			
System CB		Connection Combination of Board To Board Connectors	244
		Board To Board Connectors Selection Index	245
CBRH	0.40(.016")	Board to Board Connectors	248
CBRQ	0.40(.016")	Board to Board Connectors	249
CBRB	0.50(.020")	Board To Board Connectors	250
CBRC	0.50(.020")	Board To Board Connectors	252
CBRE	0.50(.020")	Board To Board Connectors	254
CBRD	0.80(.031")	Board To Board Connectors	256
CBC3	0.80(.031")	Dual Row Female Headers	258
CB03	1.00(.039")	SMT Type Single Row Pin Headers	259
CB12	1.00(.039")	Dual Row Female Headers	259
CB01	1.27(.050")	Single Row Female Headers	260
CB50	1.27(.050")	Dual Row Female Headers	261
CBC1	1.27(.050")	Dual Row Female Headers	262
CB22	2.00(.079")	Single Row Female Headers	264
CB74	2.00(.079")	Dual Row Female Headers	265
CB76	2.00(.079")	Dual Row Female Headers	266
CB33	2.54(.100")	Single Row Dual Entry Female Headers	267
CB37	2.54(.100")	Single Row Female Headers	267
CB39	2.54(.100")	Single Row Female Headers	268
CB41	2.54(.100")	Dual Row Female Headers	269
CB83	2.54(.100")	Dual Row Female Headers	270
CB85	2.54(.100")	Dual Row Female Headers	270
CB96	2.54(.100")	Dual Row Elevated Female Headers	271
CB91	2.54(.100")	Dual Row Female Headers	272
CB94	2.54(.100")	Dual Row Female Headers	273
CB97	2.54(.100")	Dual Row Side Entry Female Headers	274
CBA7	2.00(.079")	Dual Row Female Headers	274
CGB1		Pogo Pin Connectors	275
H. Pin Header Connectors			
CHC3	0.80(.031")	Dual Row SMT Pin Headers	277
CH07	1.00(.039")	Single Row Board Mount Connectors	278
CH16	1.00(.039")	Dual Row Pin Headers	278
CH01	1.27(.050")	Single Row Pin Headers	279

CH02	1.27(.050")	Single Row Pin Headers	280
CH03	1.27(.050")	Single Row Dual Bodies Pin Headers	281
CH06	1.27(.050")	Straight SMT Dual Row Shrouded Headers	282
CH51	1.27(.050")	Dual Row Pin Headers	283
CH52	1.27(.050")	Dual Row Pin Headers	285
CH57	1.27(.050")	Dual Row Dual Bodies Pin Headers	287
CHC2	1.27(.050")	Dual Row Pin Headers	288
CH60	1.27*1.27mm	Right Angle Dual row board mount pin header	291
CH11	2.00(.079")	Single Row SMT Pin Headers	292
CH21	2.00(.079")	Single Row Dual Bodies Pin Headers	294
CH70	2.00(.079")	Straight SMT Dual Row Shrouded Headers	295
CH71	2.00(.079")	Dual Row SMT Pin Headers	295
	2.00(.079")	Dual Row Pin Headers	296
CH72	2.00(.079")	Dual Row Pin Headers	297
CH74	2.00(.079")	Dual Row Pin Headers	298
CH75	2.00(.079")	Dual Row Dual Bodies Pin Headers	299
CH79	2.00(.079")	Dual Row Pin Headers	300
CH34	2.54(.100")	Single Row Dual Bodies Pin Headers	302
CH31	2.54(.100")	Single Row Pin Headers	303
CH81	2.54(.100")	Dual Row SMT & DIP Pin Headers	305
CH85	2.54(.100")	Dual Row Dual Bodies Pin Headers	306
CH87	2.54(.100")	Box Headers	307
CH88	2.54(.100")	Shrouded Box Headers	308
I. Sockets			
CS76	0.50(.020")	NGFF Connectors	309
CS59	0.80(.031")	Mini PCI 4.0H/2.1H 52pin Connectors	310
CS21	1.27(.050")	DIP PLCC Chip Carrier Socket	311
CS22	1.27(.050")	SMT PLCC Chip Carrier Socket	313
CS78	1.27(.050")	Board to Board Right Angle DIP Connector	314
CS01	2.54(.100")	Dual Row Multiple Shunts	315
CS07	2.54(.100")	DIP Socket - Machined contacts	316
CS09	2.54(.100")	Single in Line Adapter Strip	317
CS10	2.54(.100")	Single in Line SIP Socket	317
CS74		PCI Express Edge Card Connector	318
CSM1		H=3.3mm/1.5mm Dual Type SIM Card Connectors	319
CSM2		Micro SIM Card Connectors	320
J. D-SUB Connectors			
		D-Sub Shell Size & Printed Circuits Board Hole Patterns	321
		High density D-Sub Straight / Right Angle DIP solder PCB hole patterns	322
		D-Sub Accessories & PCB Mounting Options	323
CD01		High Density Solder D-Sub	324
CD03		High Density Straight DIP Solder D-Sub	325
CD05		High Density Right Angle DIP Solder D-Sub	326
CD51		Solder D-Sub	327
CD52		Crimp Clip D-Sub & Terminal	328
CD53		Straight DIP Solder D-Sub	330
CD61		8.10mm Footprint Right Angle DIP Solder D-Sub	331
CD62		8.10mm Footprint EMI Right Angle DIP Solder D-Sub	332
CD91		Flat Cable - IDC D-Sub	333
CD81		Stacked Right Angle DIP Solder D-Sub	334

CD71	Machined Contact Solder Cup D-Sub	336
CD72	Machined Contact Straight DIP Solder D-Sub	338
CD73	8.10mm Footprint Right Angle DIP solder D-Sub	340
COMBO D-SUB	Combo D-sub Technical Specifications	342
	Contact Arrangements/ Mounting Style options	343
	Coaxial Contact for Combination D-Sub	344
	High Power Contact for Combination D-Sub	345
	Combination D-Sub Housing	347
	Coaxial Straight DIP Combination D-Sub	350
	Coaxial Right Angle DIP Combination D-Sub	353
	20A High Power Straight DIP Solder Combination D-Sub	356
	40A High Power Straight DIP Solder Combination D-Sub	359
	20A High Power Right Angle DIP Solder Combination D-Sub	362
40A High Power Right Angle DIP Solder Combination D-Sub	365	
K. Telephone / Modular Jack Connectors		
CJ04	Board Mount Telephone Jacks	368
CJ07	Board Mount Telephone Jacks	369
CJ36	Board Mount Telephone Jacks	369
CJ31	Board Mount Telephone Jacks	370
CJ46	Board Mount Telephone Jacks	372
CJ47	Board Mount Telephone Jacks	372
CJ58	Board Mount Telephone Jacks	372
CJ48	Board Mount Telephone Jacks	373
CJ59	Board Mount Telephone Jacks	374
CJ91	Board Mount Telephone Jacks	375
CJ97	Board Mount Telephone Jacks	376
CJP1	Telephone Modular Plugs	378
CJP2	Telephone Modular Plugs	379
CJB1	Telephone Modular Jack RJ45	380
CJCJ	Telephone Modular Jack RJ45	381
L. I/O Connectors		
CU01	USB 2.0 Type-A Board Mount Receptacle and SMT Plug Connectors	382
	USB 2.0 Type-A Receptacle Connectors	383
CU02	USB 2.0 Type-B Receptacle Connectors	384
CU04	Mini USB2.0 5 Circuits Receptacle SMT/DIP Connectors	385
CU09	Micro USB 2.0 Connectors	386
CU05	IEEE 1394 Shielded I/O Receptacle Connectors	387
CU11	HDMI Receptacle Connectors	388
USB-C	USB TYPE C Technical Specifications	389
CU30	USB3.1 Tpye C Plug SMT Type Connectors	391
CU31	USB Tpye C Socket SMT Type Connectors	398
CU32	USB2.0 Tpye C Female SMT Type Connector	400
CU33	USB2.0 Tpye C Female Vertical Type Connectors	411
	USB2.0 Tpye C Plug SMT Type Connectors	414
CU34	USB2.0 Tpye C SMT Type Connectors	415
CU35	USB2.0 Type C Female Connectors	416
CU39	USB2.0 Type C Female Connectors	417
M. RF / Microwave Coaxial Connectors		
CRA	Micro Coaxial Connectors & Cable	420

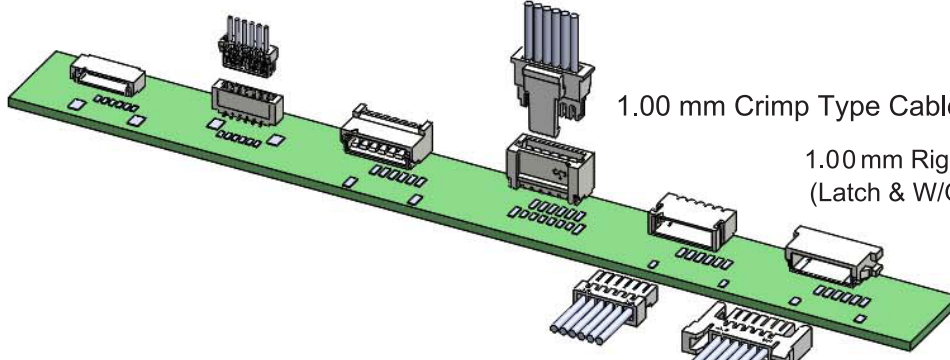
Connection Combination of Wire to Board Connectors

CI

0.80mm Right angle & Stranght SMT Type

0.80mm IDC Type Cable

0.80mm Right angle & Stranght SMT Type



1.00 mm Crimp Type Cable

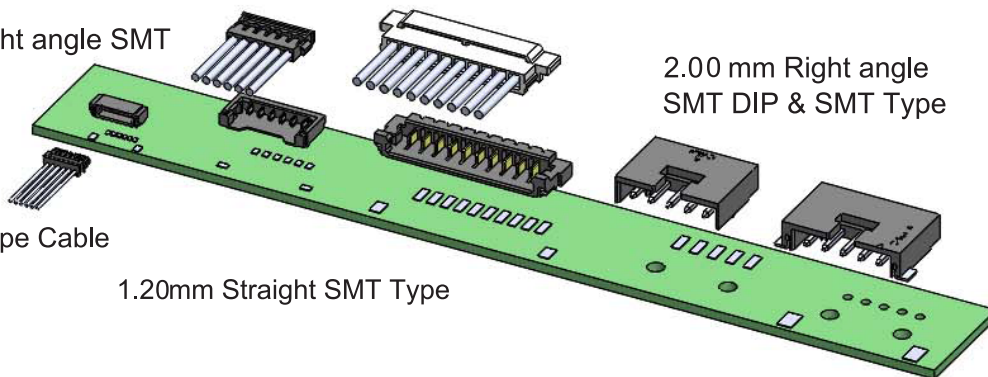
1.00 mm Right angle SMT Type (Latch & W/O Latch)

1.00mm Crimp Type Cable (Latch & W/O Latch)

1.20 mm Crimp Type Cable

1.50 mm Crimp Type Cable

0.60mm Right angle SMT



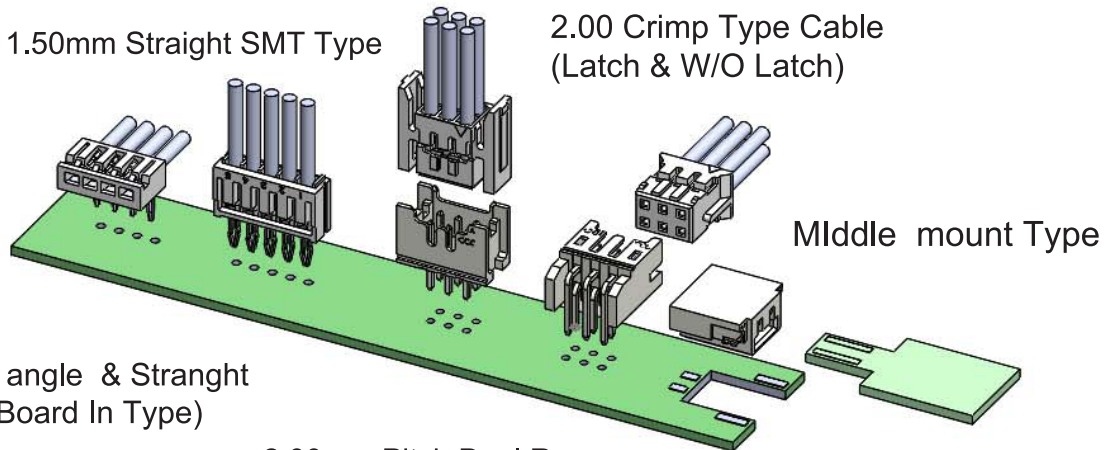
2.00 mm Right angle SMT DIP & SMT Type

0.80mm IDC Type Cable

1.20mm Straight SMT Type

1.50mm Straight SMT Type

2.00 Crimp Type Cable (Latch & W/O Latch)



Middle mount Type

2.00mm Right angle & Stranght Crimp Cable (Board In Type)

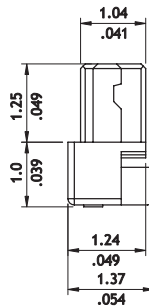
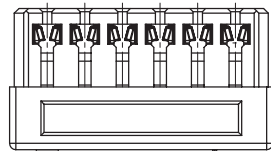
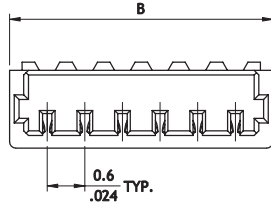
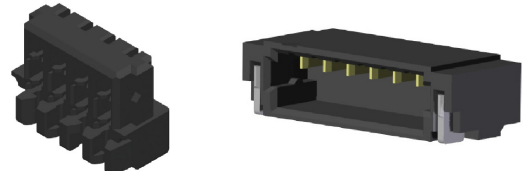
2.00mm Pitch Dual Row Right angle & Stranght DIP Type (Latch & W/O Latch)

WIRE TO BOARD CONNECTORS

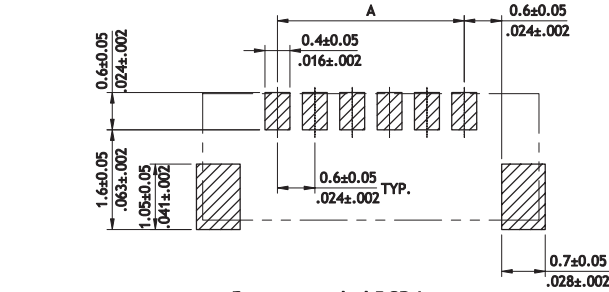
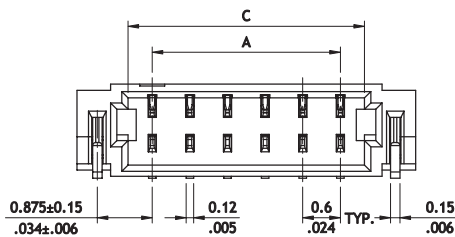
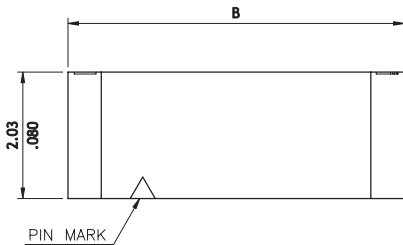
CI20 Series 0.60mm(.024") Wire to Board Housing & SMT Headers

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Locking slots provide secure mating
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Black
- ⊙ Applicable Wire: AWG #34 (Insulation O.D.: 0.32±0.02mm)

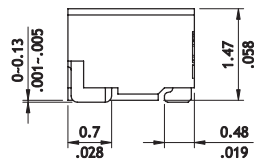
RoHS Compliant



Circuits	Dim. B
4	3.0(.118)
5	3.6(.142)
6	4.2(.165)
7	4.8(.189)
8	5.4(.213)
10	6.6(.260)
12	7.8(.307)
14	9.0(.354)
16	10.2(.402)



Recommended PCB Layout



Circuits	Dimension		
	A	B	C
6	3.0(.118)	5.4(.213)	3.78(.149)
8	4.2(.165)	6.6(.260)	4.98(.196)
10	5.4(.213)	7.8(.307)	6.18(.243)
12	6.6(.260)	9.0(.354)	7.38(.291)

Ordering Code

① CI 20 ② 06 ③ S ④ 2 ⑤ 000 - ⑥ NH

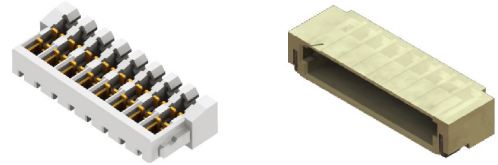
- ① Series No.
- ② No. of Circuits: 4~8,10,12,14,16
- ③ S = Housing
- ④ Plating Code :
2 = Gold flash over Nickel
- ⑤ Other Options: 000 = Standard
- ⑥ NH = For Halogen-Free

① CI 20 ② 06 ③ M ④ 2 ⑤ H ⑥ R ⑦ 0 - ⑧ NH

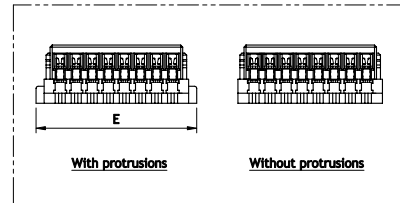
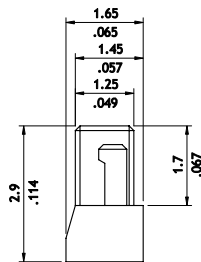
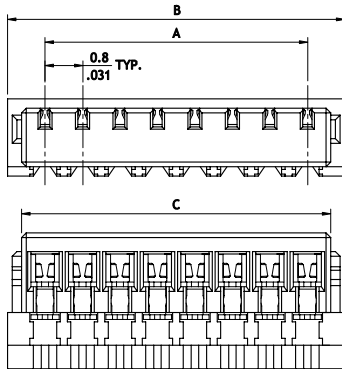
- ① Series No.
- ② No. of Circuits: 6, 8, 10, 12
- ③ M = SMT Type
- ④ Plating Code:
2 = Gold flash over Nickel
- ⑤ Type: H = Side Entry
- ⑥ Packing Options:
R = Tape & Reel
- ⑦ Other Options:
0 = Standard
- ⑧ NH = For Lead Free IR process and Halogen-Free

C118 Series 0.80mm(.031") Wire to Board Housing & SMT Headers

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ Housing: High temperature plastic UL 94V-0, Color Nature

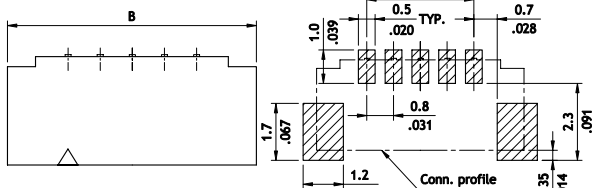


RoHS Compliant

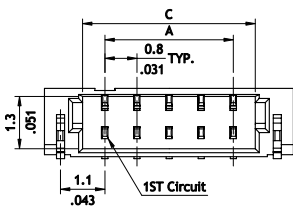


A = 0.8 x No. of Spaces
 B = A + 1.6
 C = A + 1.0
 E = A + 2.4

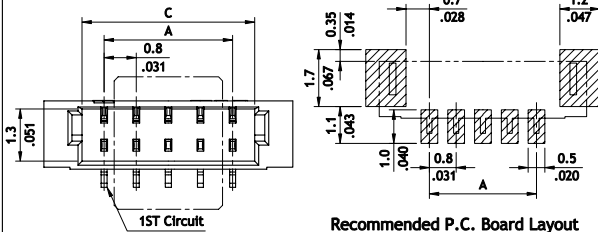
Wire Range	Insulation Diameter
AWG #32	0.39 mm (.015)



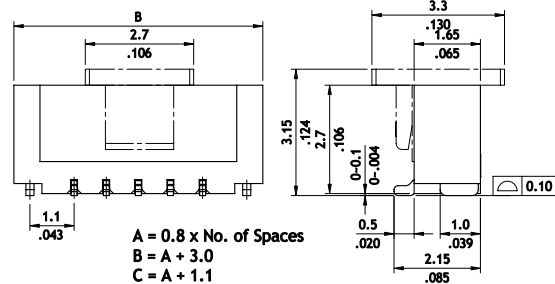
Recommended P.C. Board Layout



A = 0.8 x No. of Spaces
 B = A + 3.0
 C = A + 1.1



Recommended P.C. Board Layout



A = 0.8 x No. of Spaces
 B = A + 3.0
 C = A + 1.1

Ordering Code

① C118 ② 15 ③ S ④ 2 ⑤ 000 - ⑥ NH

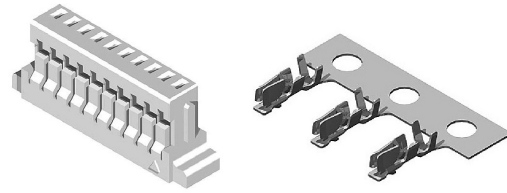
- ① Series No.
- ② No. of Circuits: 02 ~ 15
- ③ S = Housing
- ④ Plating Code:
 1 = Matte Tin over Nickel
 2 = Gold flash over Nickel
- ⑤ Other Options: 000 = AWG #32(Standard)
 00A = AWG #36(with protrusions)
- ⑥ NH = For Lead Free and Halogen-Free

① C118 ② 15 ③ M ④ 2 ⑤ H ⑥ R ⑦ 0 - ⑧ NH

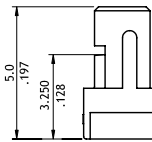
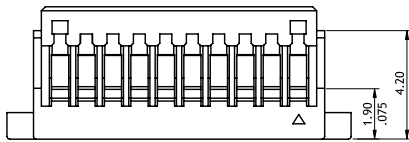
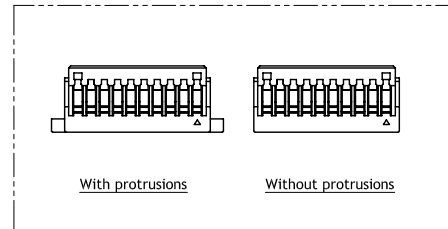
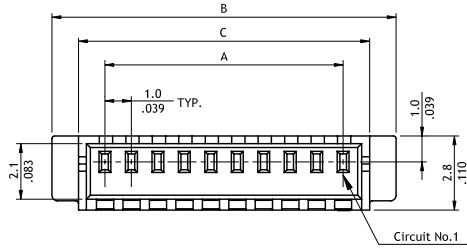
- ① Series No.
- ② No. of Circuits: 02 ~ 15
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
 2 = Gold flash over Nickel
- ⑤ Type: V = Top Entry ; H = Side Entry
- ⑥ Packing Options: R = Tape & Reel
- ⑦ Other Options: 0 = Standard
- ⑧ NH = For Lead Free IR process and Halogen-Free

CI11 Series 1.00mm(.039") Single Row Wire to Board Housing & Terminal

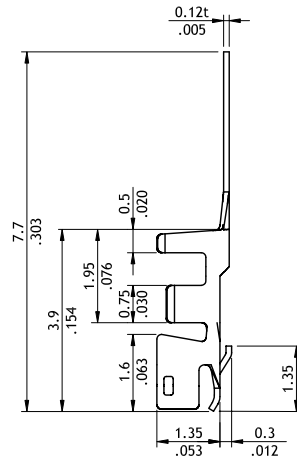
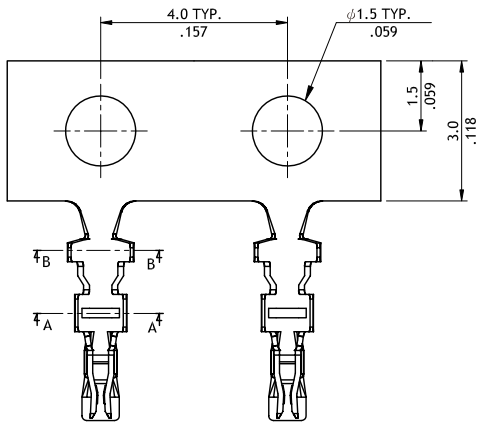
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated, Phosphor Bronze
- ⊙ Mate with CI11 headers
- ⊙ Compact design
- ⊙ Protrusions design for easy pull out



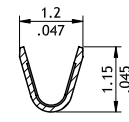
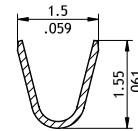
RoHS Compliant



A = 1.0 x No. of Spaces
 B = A + 4.0
 C = A + 2.0



Wire Range	Insulation Diameter	Reel Qty
AWG #28-#32	0.4-0.8(mm) (.016-.031)	16,000 PCS



Ordering Code

① C ② I ③ 11 ④ 15 ⑤ S ⑥ 000 ⑦ 0 ⑧ - ⑨ NH

- ① Series No.
- ② No. of Circuits: 02 ~ 15, 18, 20, 26
- ③ S = Housing
- ④ 000 = With Protrusions
N00 = Without Protrusions
- ⑤ Other Options: 0 = Standard
*Special options consult manufacturer
- ⑥ NH =For Lead Free and Halogen-Free

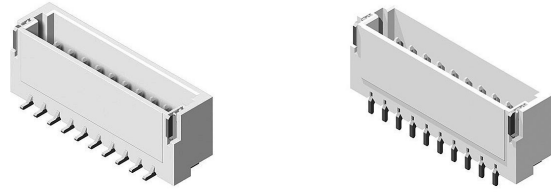
① CI11 ② T01 ③ 1 ④ P ⑤ P0

- ① Series No.
- ② Type: T01= AWG #28 ~ #32
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: P0 = Standard

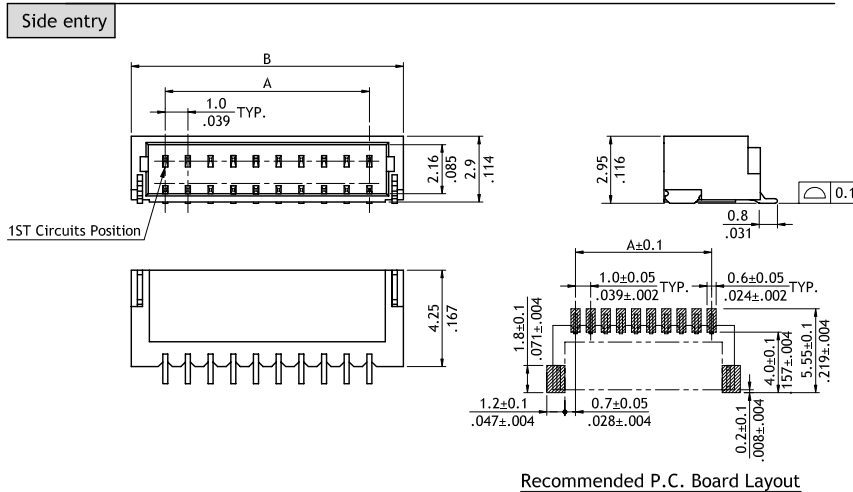
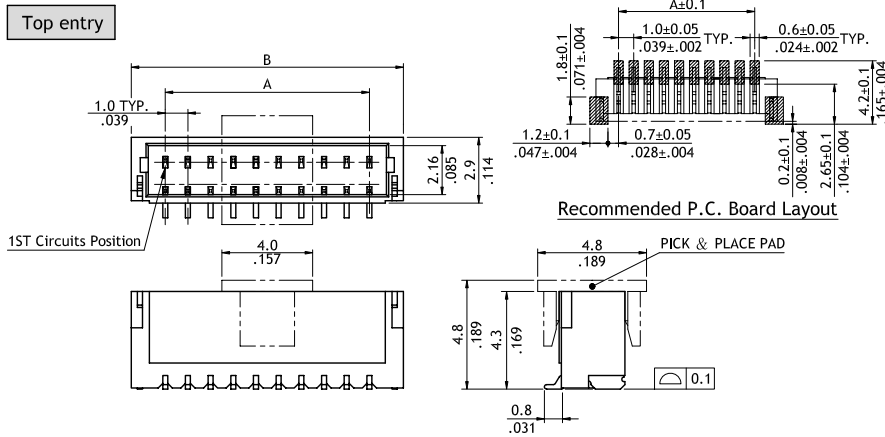
CI11 Series 1.00mm(.039") Single Row Wire to Board SMT Headers

- ⊙ Polarization and Low-profile
- ⊙ Locking slots provide secure mating
- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mate with CI11 housing
- ⊙ With Tin plated SMT type contact

RoHS Compliant 



CI



Circuits	Dimension	
	A	B
2	1.0(.039)	4.0(.157)
3	2.0(.079)	5.0(.197)
4	3.0(.118)	6.0(.236)
5	4.0(.157)	7.0(.276)
6	5.0(.197)	8.0(.315)
7	6.0(.236)	9.0(.354)
8	7.0(.276)	10.0(.394)
9	8.0(.315)	11.0(.433)
10	9.0(.354)	12.0(.472)
11	10.0(.394)	13.0(.512)
12	11.0(.433)	14.0(.551)
13	12.0(.472)	15.0(.591)
14	13.0(.512)	16.0(.630)
15	14.0(.551)	17.0(.669)
18	17.0(.669)	20.0(.787)
20	19.0(.748)	22.0(.866)
24	23.0(.906)	26.0(1.024)
26	25.0(.984)	28.0(1.102)

Ordering Code

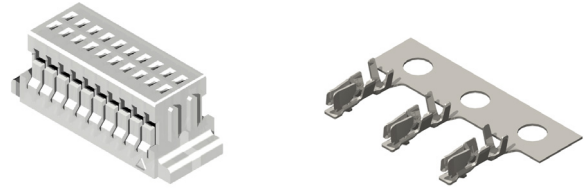
① CI11 ② 15 ③ M ④ 1 ⑤ V ⑥ R0 - ⑦ NH

- ① Series No.
- ② No. of Circuits:
02 ~ 15, 18, 20, 24, 26
- ③ M = SMT Type
- ④ Plating Code:
1 = Matte Tin over Nickel

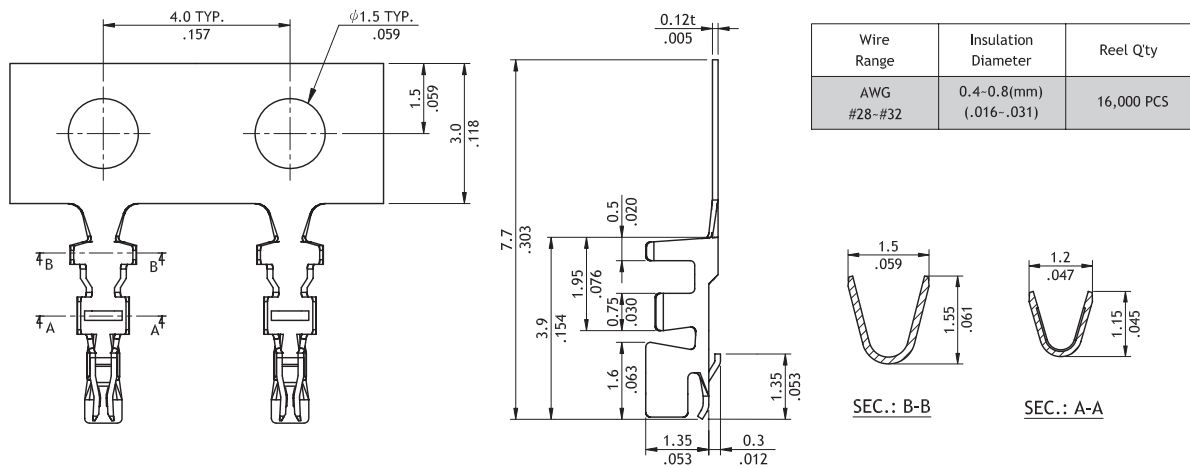
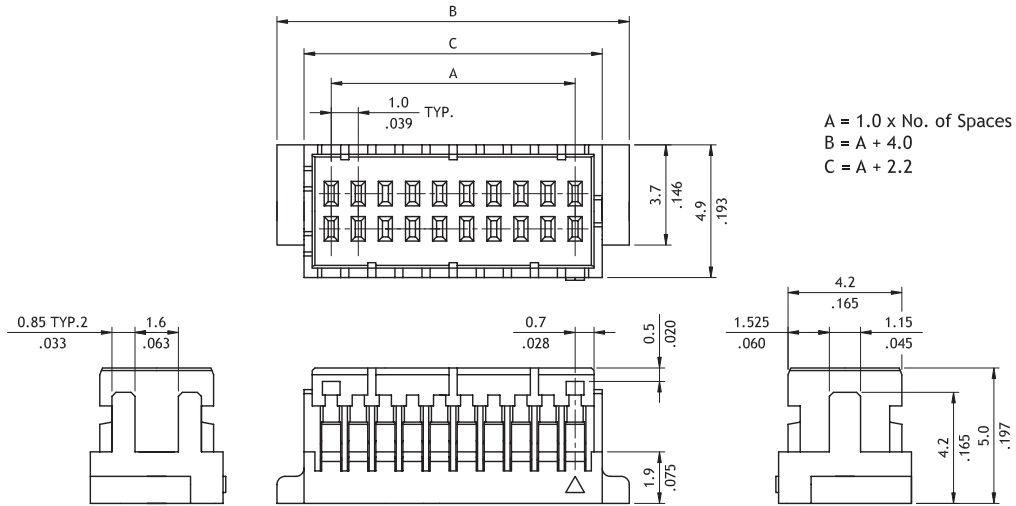
- ⑤ Type : V = Top Entry
H = Side Entry
- ⑥ Packing Options:
R0 = Tape & Reel(Top entry type with pick & place pad)
T0 = Tube
- ⑦ NH = For Lead Free and Halogen-Free

CI11 Series 1.00mm(.039") Dual Row Wire to Board Housing & Terminal

- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated, Phosphor Bronze
- ⊙ Mate with CI11 headers
- ⊙ Compact design
- ⊙ Protrusions design for easy pull out



RoHS Compliant



Ordering Code

① C ② I ③ 11 ④ 50 ⑤ S ⑥ D ⑦ 000 - ⑧ NH

- ① Series No.
- ② No. of Circuits: 10,12,14, 16, 20, 30, 40, 50
- ③ S = Housing
- ④ D=Dual Row Type
- ⑤ Other Options: 000 = Standard
- *Special options consult manufacturer
- ⑥ NH = For Halogen-Free

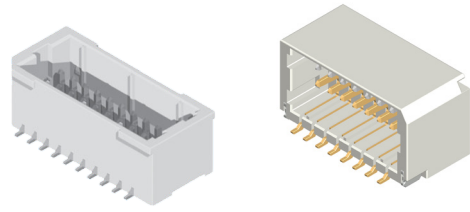
① C ② I ③ 11 ④ T01 ⑤ 1 ⑥ P ⑦ PH

- ① Series No.
- ② Type:T01= AWG #28~#32
- ③ Plating Code: 1= Tin over Nickel
- ④ Material: P=Phosphor Bronze
- ⑤ Other Option:PH= Low Single contact force

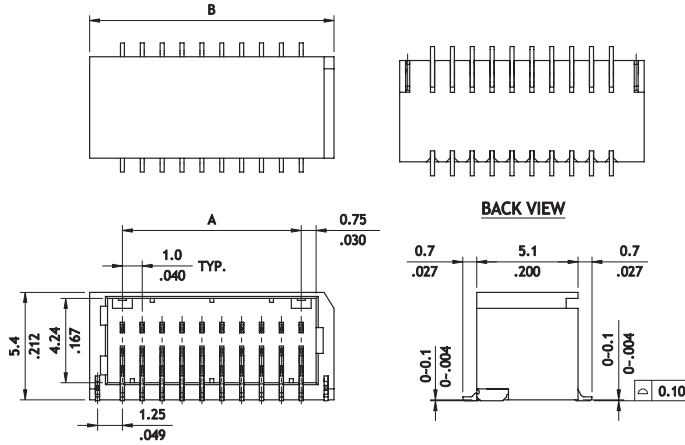
CI11 Series 1.00mm(.039") Dual Row Wire to Board SMT Headers

- Ⓞ Polarization and Low-profile
- Ⓞ Locking slots provide secure mating
- Ⓞ Fixed tabs provide PCB hold-down
- Ⓞ With Tin plated SMT type contact

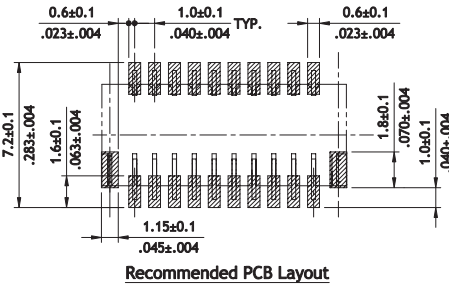
RoHS Compliant



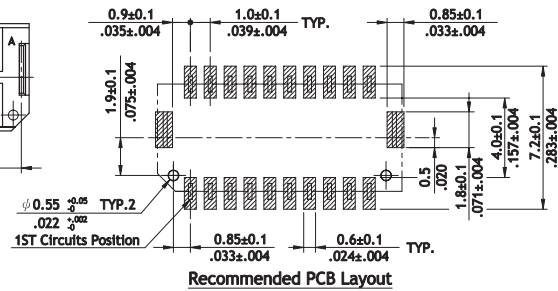
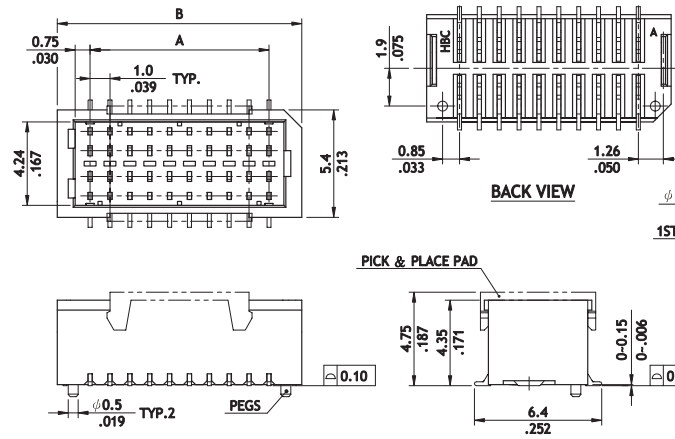
Top entry



Circuits	Dimension	
	A	B
12	5.0(.197)	8.3(.327)
16	7.0(.276)	10.3(.406)
18	8.0(.315)	11.3(.445)
20	9.0(.354)	12.3(.484)
30	14.0(.551)	17.3(.681)
40	19.0(.748)	22.3(.878)
50	24.0(.945)	27.3(1.075)



Side entry



Circuits	Dimension	
	A	B
10	4.0(.157)	7.3(.287)
14	6.0(.236)	9.3(.366)
16	7.0(.276)	10.3(.406)
20	9.0(.354)	12.3(.484)
24	11.0(.433)	14.3(.681)
30	14.0(.511)	17.3(.681)
40	19.0(.748)	22.3(.878)
50	24.0(.945)	27.3(1.075)

Ordering Code

① CI11 ② 50 ③ M ④ 2 ⑤ V ⑥ D ⑦ 0 ⑧ - R0 ⑨ - NH

- ① Series No.
- ② No. of Circuits:
Top Entry: 10,14,16,20,24,30,40,50
Side Entry: 12,16,18,20,30,40,50
*see above table
- ③ M = SMT Type
- ④ Plating Code:
2 = Gold flash over Nickel
- ⑤ Type: V = Top Entry
H = Side Entry
- ⑥ D = Dual Row type
- ⑦ Pegs Options:
Top Entry: 0 = With Pegs(Standard)
1 = Without Peg
Side Entry: 0 = Standard
- ⑧ Packing Options:
R0 = Tape & Reel
T0 = Tube
- ⑨ NH = For Lead Free IR process and Halogen-Free

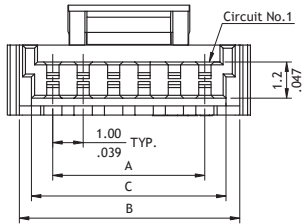
CI16 Series 1.00mm(.039") Wire to Board Connectors Housing & Terminal

- ⊙ Mate with CI16 header
- ⊙ Can be used with CI16 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature



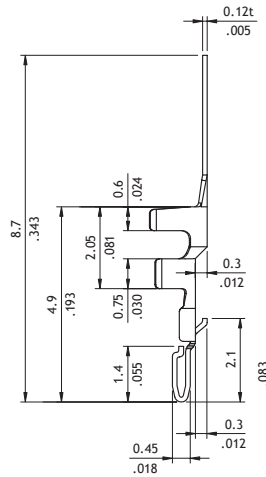
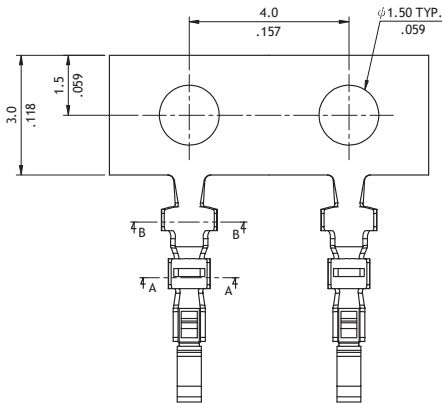
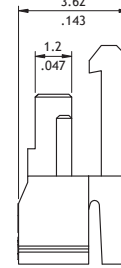
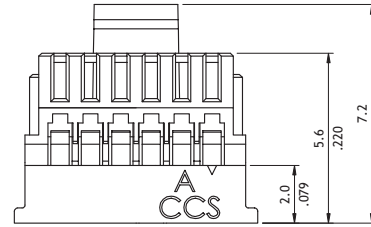
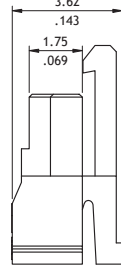
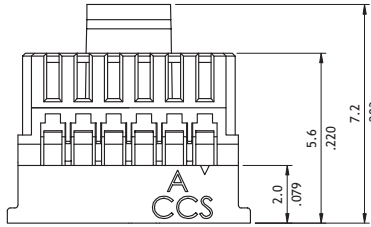
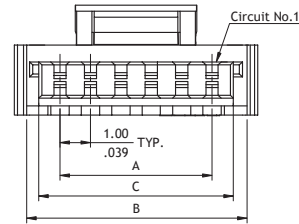
RoHS Compliant

P/N CI16**SL00A-NH

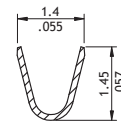
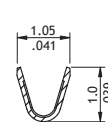


DIM. A = 1.00 x No. of Spaces
 DIM. B = DIM. A + 2.00
 DIM. C = DIM. A + 1.50

P/N CI16**SL000-NH



Wire Range	Insulation Diameter	Reel Qty
AWG #28-#32	0.78-0.92(mm) (.031-.036)	16,000 PCS.



Ordering Code

① C ② 16 ③ 20 ④ S ⑤ L ⑥ 00A - NH

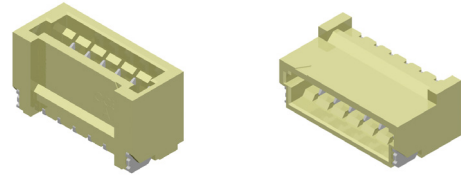
- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ S = Connector housing
- ④ L=With Locking Latch
- ⑤ Other Options: 00A =Type 1 (Standard)
000 =Type 2
- ⑥ NH = For Halogen-Free

① C ② 16 ③ T01 ④ 1 ⑤ P E0

- ① Series No.
- ② Type:T01= AWG #28~#32
- ③ Plating Code: 1= Tin over Nickel
- ④ Material: P=Phosphor Bronze
- ⑤ Other Option: E0=Standard

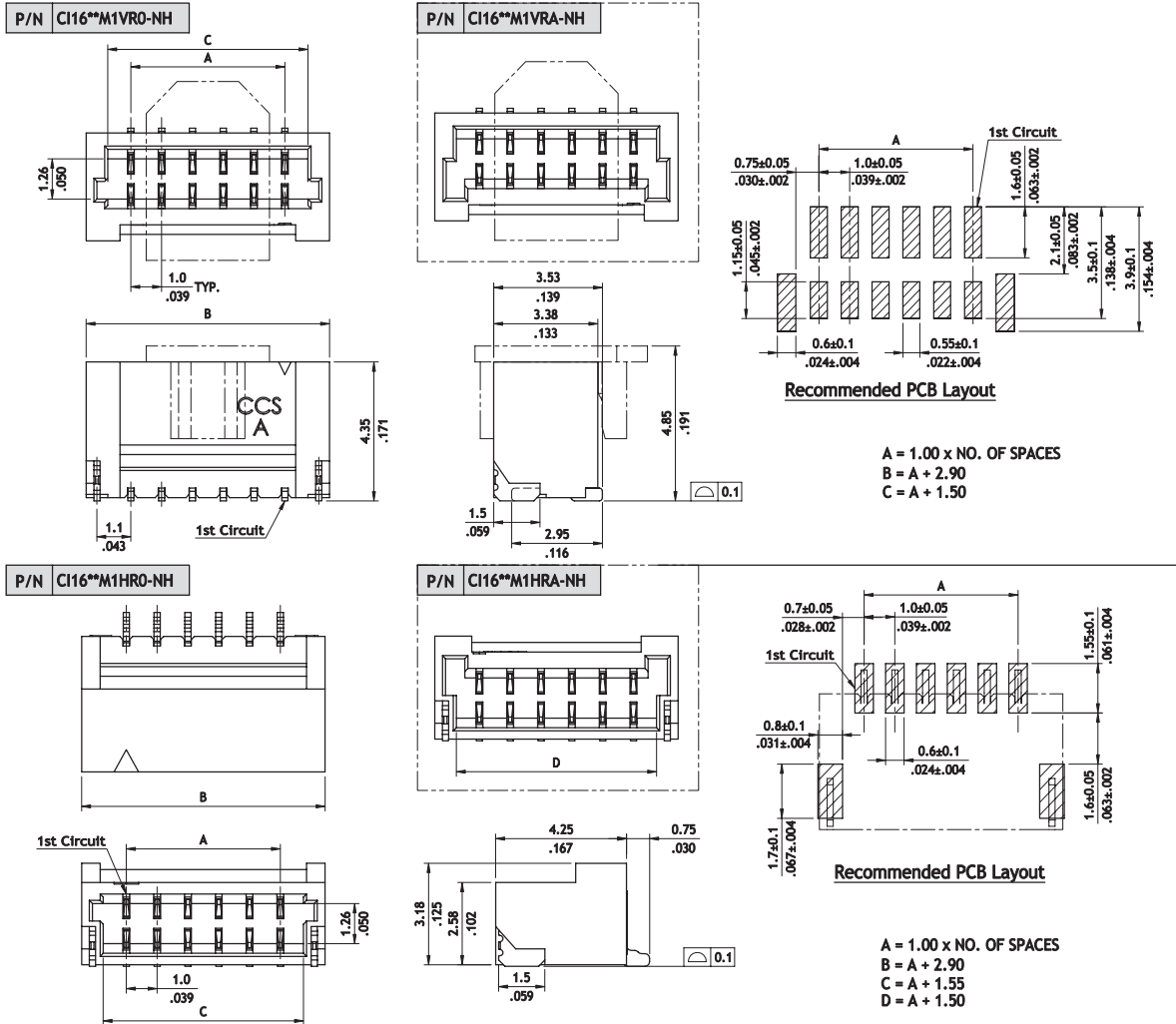
CI16 Series 1.00mm(.039") Wire to Board Connectors SMT Headers

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mate with CI16 housing
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated Phosphor Bronze



RoHS Compliant

CI



Ordering Code

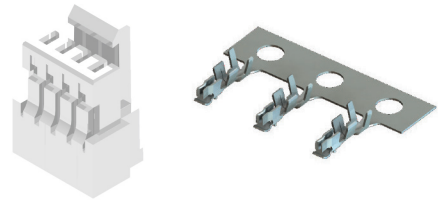
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CI16 20 M 1 V R A - NH

- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: V = Top Entry
H = Side Entry
- ⑥ Packing Options: R = Tape & Reel
- ⑦ Other Option: A = Type 1 (Standard)
0 = Type 2
- ⑧ NH = For Lead Free IR Process and Halogen-Free

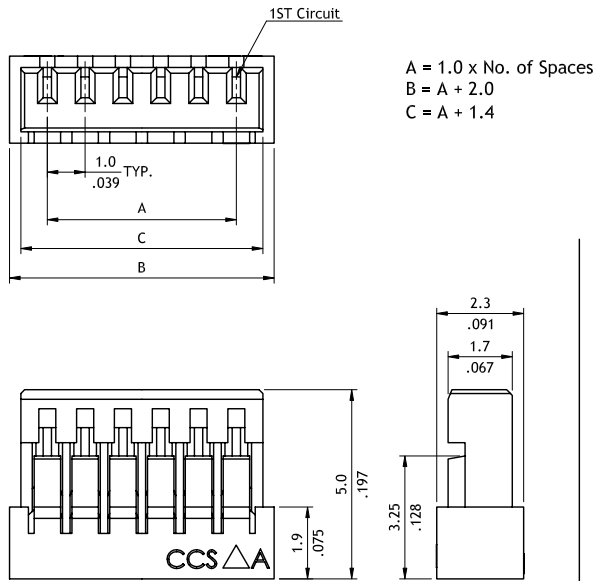
CI14 Series 1.00mm(.039") Wire to Board Connectors Housing & Terminal

- ⊙ Mate with CI14 Header
- ⊙ Can be used with CI14 crimp clip terminal
- ⊙ Insulator: Glass filled polyester or Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated Phosphor Bronze

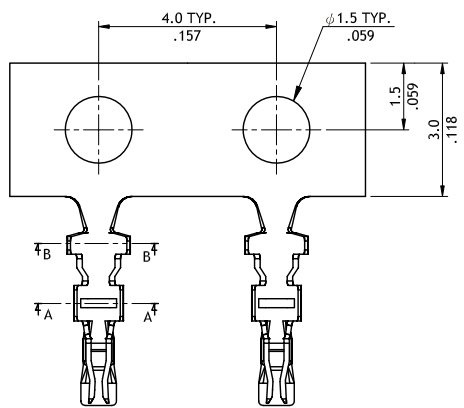
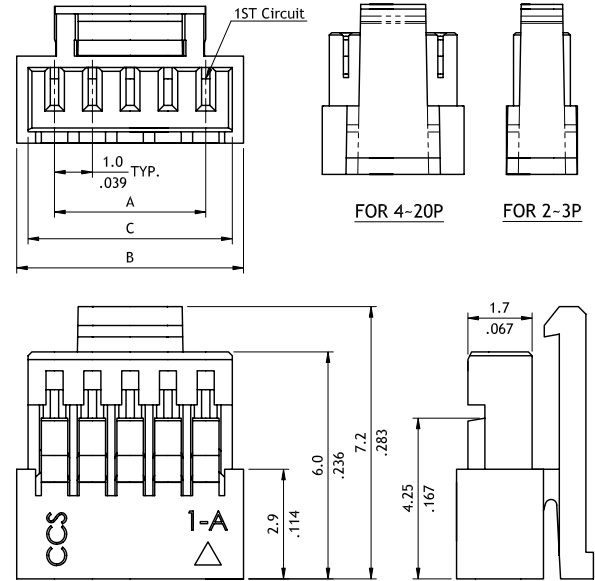
RoHS Compliant



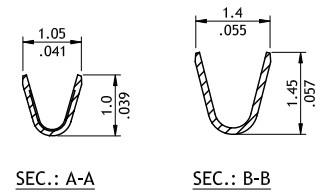
Without Latch Type



With Latch Type



Wire Range	Insulation Diameter	Reel Qty
AWG #28-#32	0.65-0.92(mm) (.026-.036)	16,000 PCS.



Ordering Code

① CI14 ② 20 ③ S ④ 000A - ⑤ NH

① CI14 ② T01 ③ 1 ④ P ⑤ E0

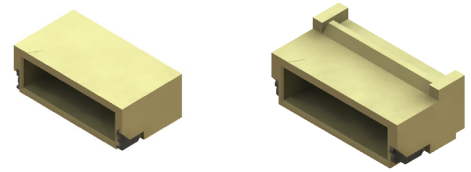
- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ S = Housing
- ④ 000A=Without Locking Latch
L000=With Locking Latch
- ⑤ NH = For Halogen-Free

- ① Series No.
- ② Type:T01= AWG #28~#32
- ③ Plating Code: 1= Tin over Nickel
- ④ Material: P=Phosphor Bronze
- ⑤ Other Option: E0=Standard

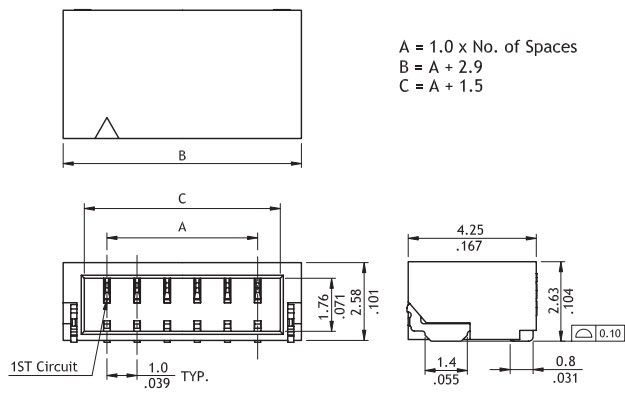
CI14 Series 1.00mm(.039") Wire to Board SMT Side Entry Headers

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mate with CI14 Housing
- ⊙ Insulator : High temperature plastic UL 94V-0, Color Nature

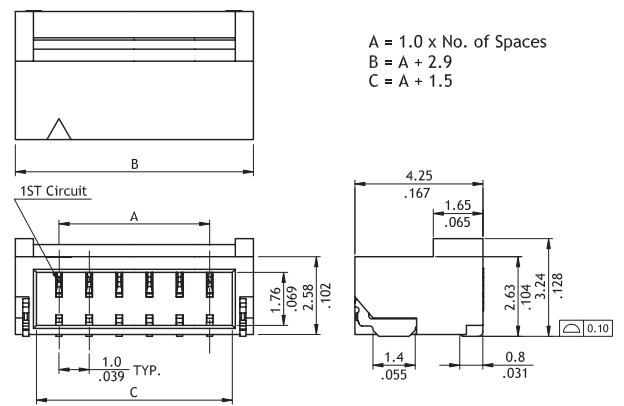
RoHS Compliant



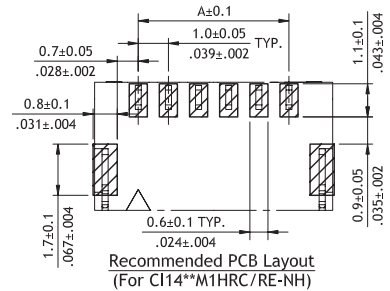
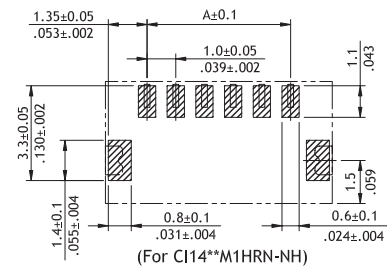
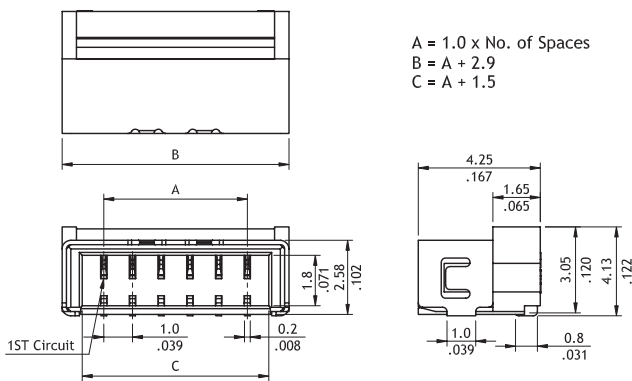
P/N CI14**M1HRC-NH



P/N CI14**M1HRE-NH

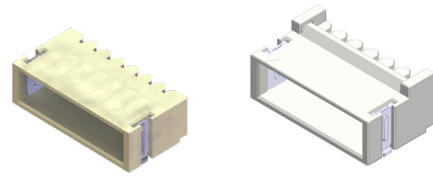


P/N CI14**M1HRN-NH



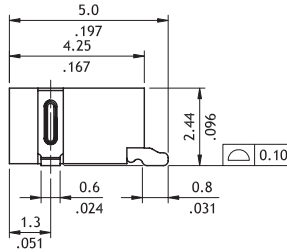
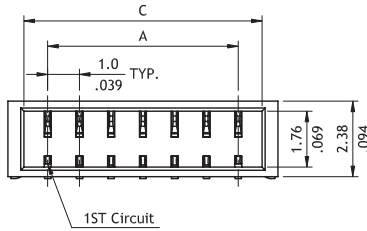
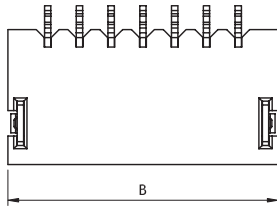
CI14 Series 1.00mm(.039") Wire to Board SMT Side Headers

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mating with CI14 Housing
- ⊙ Insulator: High temperature plastic UL 94V-0, color Nature



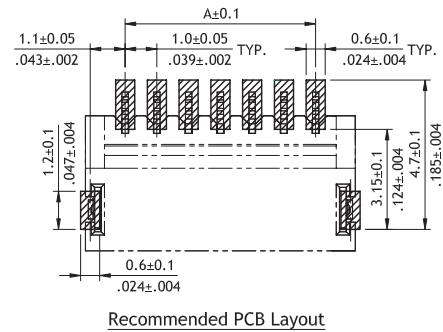
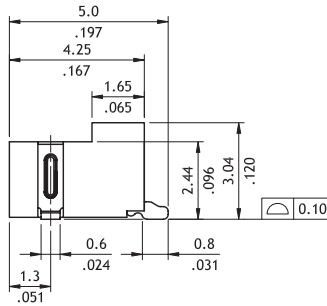
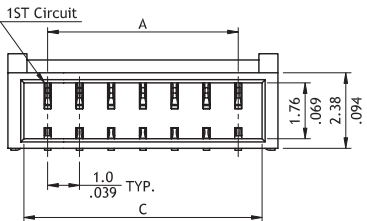
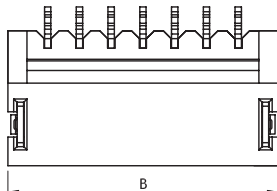
RoHS Compliant

P/N CI14**M1HR0-NH



Circuits	Dimension		
	A	B	C
2	1.0(.039)	3.5(.138)	2.5(.098)
3	2.0(.079)	4.5(.177)	3.5(.138)
4	3.0(.118)	5.5(.216)	4.5(.177)
5	4.0(.157)	6.5(.256)	5.5(.216)
6	5.0(.197)	7.5(.295)	6.5(.256)
7	6.0(.236)	8.5(.335)	7.5(.295)
8	7.0(.276)	9.5(.374)	8.5(.335)
9	8.0(.315)	10.5(.413)	9.5(.374)
10	9.0(.354)	11.5(.453)	10.5(.413)
11	10.0(.394)	12.5(.492)	11.5(.453)
12	11.0(.433)	13.5(.531)	12.5(.492)
13	12.0(.472)	14.5(.571)	13.5(.531)
14	13.0(.512)	15.5(.610)	14.5(.571)
15	14.0(.551)	16.5(.650)	15.5(.610)
16	15.0(.590)	17.5(.689)	16.5(.650)
17	16.0(.630)	18.5(.728)	17.5(.689)
18	17.0(.669)	19.5(.768)	18.5(.728)
19	18.0(.709)	20.5(.807)	19.5(.768)
20	19.0(.748)	21.5(.846)	20.5(.807)

P/N CI14**M1HRL-NH



Ordering Code

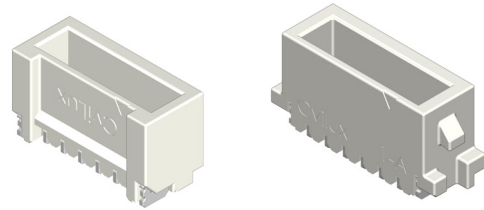
① ② ③ ④ ⑤ ⑥ ⑦
CI14 20 M 1 H RE - NH

- ① Series No.
- ② No. of Circuits:
 (Available: R0: 2~20
 RC: 2~12
 RL: 2~20
 RE: 2~12
 RN: 8~10)
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: H = Side Entry
- ⑥ Other Options:
 R0 = Normal Type with Reel Packing (H Type, 02 ~ 20)
 RL = Normal Lock Type with Reel Packing (H Type, 02 ~ 20)
 RC = Short Type with Reel Packing (H Type, 02 ~ 12)
 RE = Short Lock Type with Reel Packing (H Type, 02 ~ 12)
 RN = Strengthen Type
- ⑦ NH = For Lead Free IR process and Halogen-Free

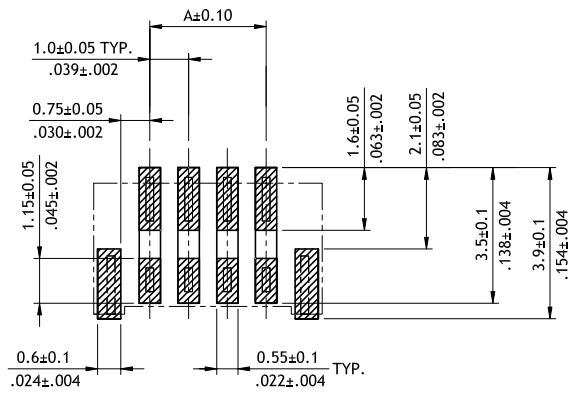
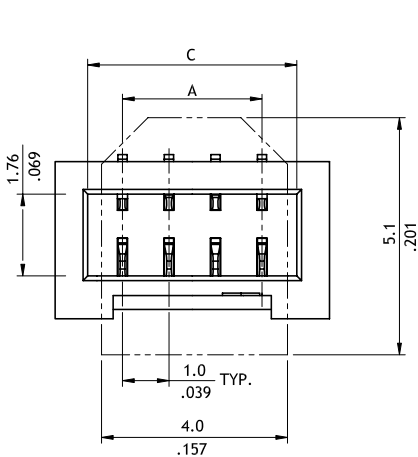
CI14 Series 1.00mm(.039") Wire to Board SMT Top Entry Headers

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mating with CI14 Housing
- ⊙ Insulator: High temperature plastic UL 94V-0, color Natu

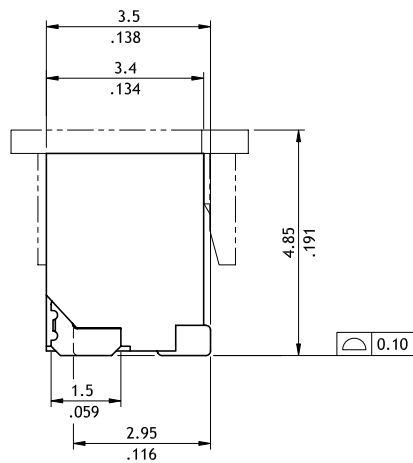
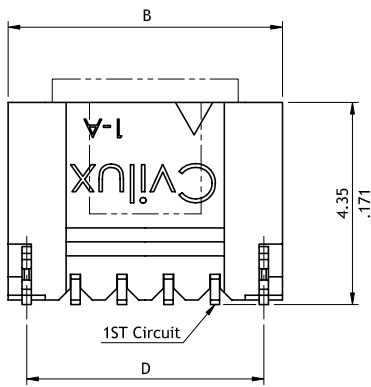
RoHS Compliant



P/N CI14**M1VL0-NH



Recommended PCB Layout



A = 1.0 x No. of Spaces
 B = A + 2.9(2-3P)
 B = A + 2.7(4-12P)
 C = A + 1.5
 D = A + 2.0

Ordering Code

① CI14 ② 12 ③ M ④ 1 ⑤ V ⑥ L0 - NH ⑦

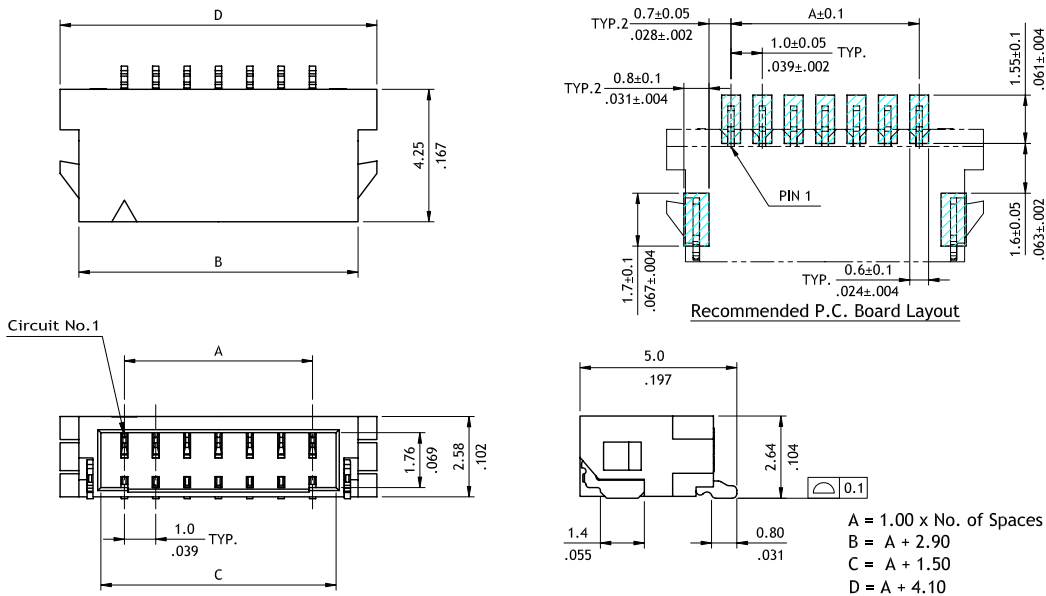
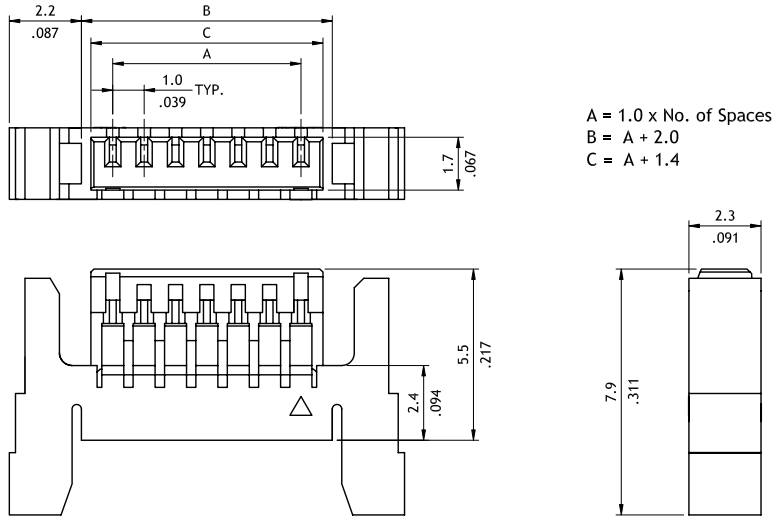
- ① Series No.
- ② No. of Circuits: 2~12
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: V = Top Entry
- ⑥ Other Options:
 L0 = Locking Type with Reel Packing
 LB = Dual latch type
- ⑦ NH = For Lead Free IR process and Halogen-Free

CI14 Series 1.00mm(.039") Wire to Board Housing & SMT Side Entry Header

- ⊙ Can be used CI14 crimp clip terminal
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ With locking latch provide secure mating



RoHS Compliant



Ordering Code

① C I 14 ② 03 ③ S L ④ 00C - ⑤ NH

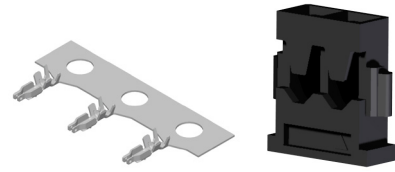
- ① Series No.
- ② No. of Circuits: 03 ~ 20
- ③ S= Housing
- ④ L=With Locking Latch
- ⑤ Other Option: 00C = Latch Type 2
- ⑥ NH = For Lead Free and Halogen-Free

① C I 14 ② 03 ③ M ④ 1 ⑤ H R I - ⑥ NH

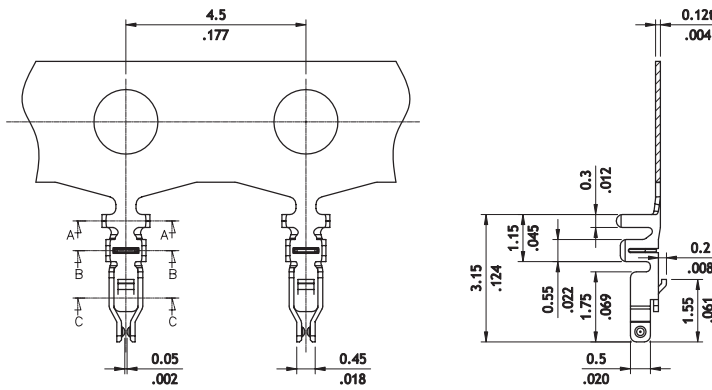
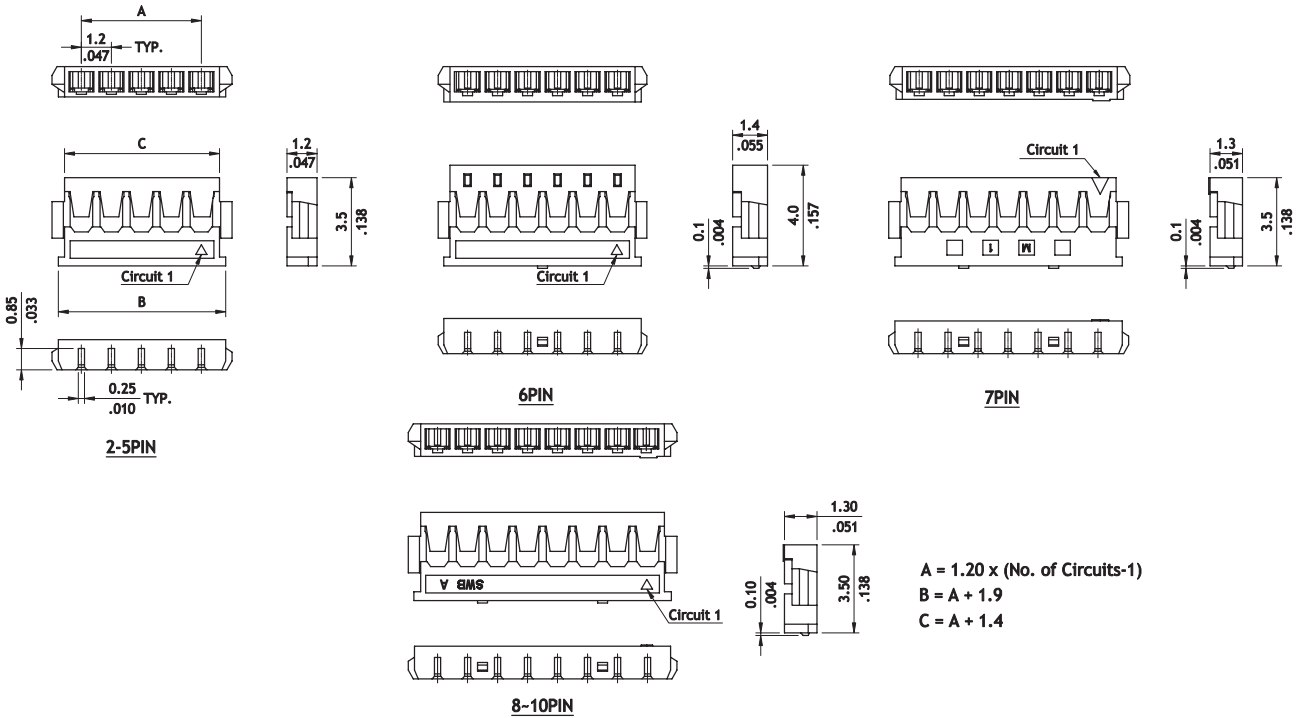
- ① Series No.
- ② No. of Circuits: 03 ~ 20
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: H = Side Entry
- ⑥ Packing Options: R = Tape & Reel
- ⑦ Other Options: I = Dual Latch Type
- ⑧ NH = For Lead Free IR process and Halogen-Free

CI63 Series 1.20mm(.048") Wire to Board Housing / Terminal

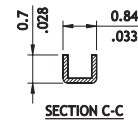
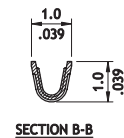
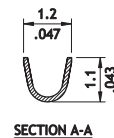
- ⊙ Mate with CI63 Header
- ⊙ Can be used with CI63 crimp clip terminal
- ⊙ Insulation: High temperature plastic UL 94V-0, Color Black



RoHS Compliant



Wire Range	Insulation Diameter	Reel Qty
AWG #28-#30	0.70 (.028) MAX.	15,000 PCS.



Ordering Code

① C I 63 ② 07 ③ S ④ 0000

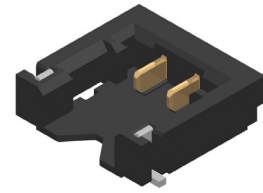
① C I 63 ② T01 ③ 2 ④ P ⑤ P0

- ① Series No.
- ② No. of Circuits: 02 ~ 10
- ③ S = Housing
- ④ Other Options: 0000 = Standard

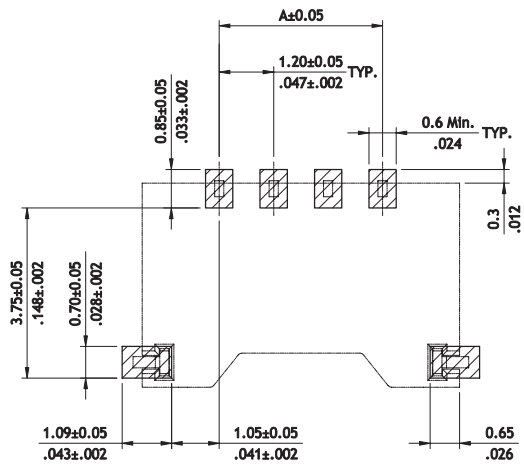
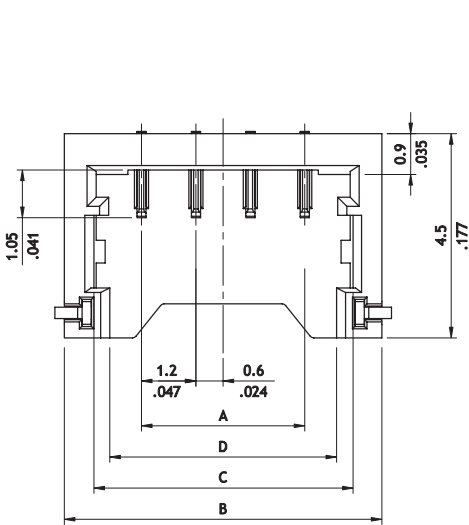
- ① Series No.
- ② Type: T01=AWG #28~ #30
- ③ Plating : 2 = Gold flash over Nickel
- ④ Material : P=Phosphor Bronze
- ⑤ Option : P0 =Standard

CI63 Series 1.20mm(.048") Wire to Board SMT Headers

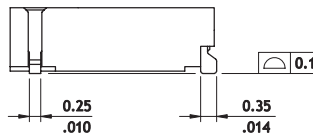
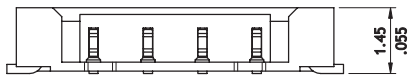
- ⊙ Mate with CI63 Housing
- ⊙ Insulation: High temperature plastic UL 94V-0,
- ⊙ Color Black



RoHS Compliant



Recommended PCB Layout



- A = 1.20 x (No. of Circuits-1)
- B = A + 3.4
- C = A + 2.1
- D = A + 1.4

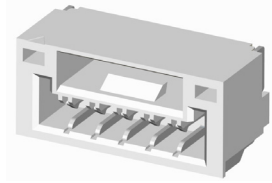
Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
C I 63 10 M 2 V R 0 - NH

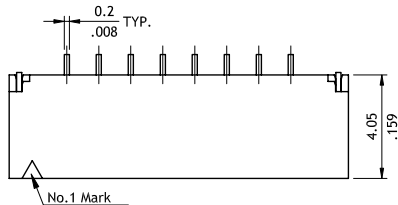
- ① Series No.
- ② No. of Circuits: 2 ~ 6 ,8,10
- ③ Solder Type: M = SMT
- ④ Plating Code:
2 = Gold flash over Nickel
- ⑤ Type: V = Top Entry
- ⑥ Packing Options: R = Tape & Reel Packing
- ⑦ Other Option: 0 = Standard
- ⑧ NH = For Lead Free IR process and Halogen-Free

CI40 Series 1.25mm(.049") Wire to Board SMT Header

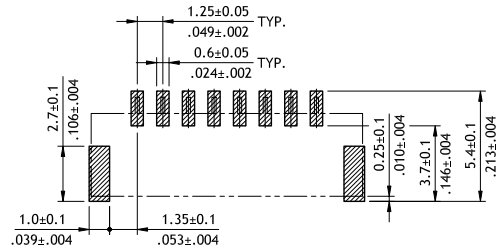
- ⊙ Locking slots provide secure mating
- ⊙ Fixed tab PCB hold-down and strain-relief for SMT tail
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature



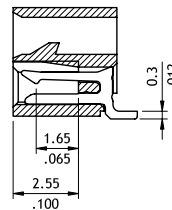
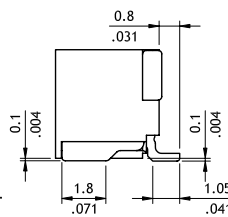
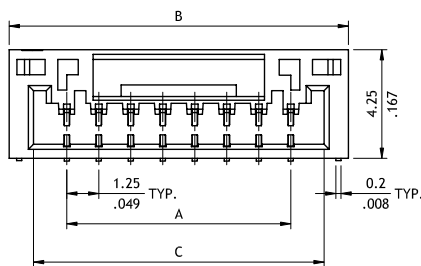
P/N CI40**M1HR0-NH



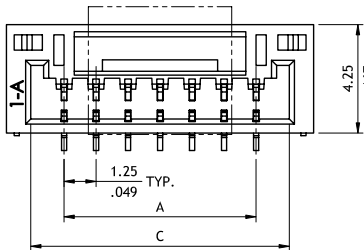
A = 1.25 x No. of Spaces
 B = A + 4.50
 C = A + 2.60



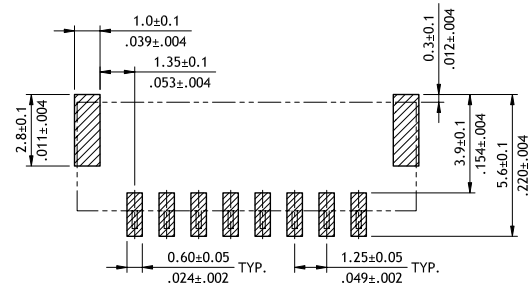
Recommended PCB Layout



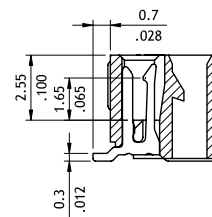
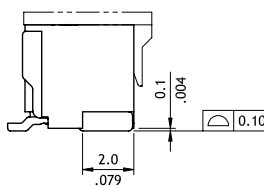
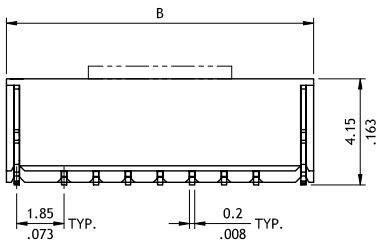
P/N CI40**M1VR0-NH



A = 1.25 x No. of Spaces
 B = A + 4.50
 C = A + 2.60



Recommended PCB Layout



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
CI40 15 M 1 V RA - NH

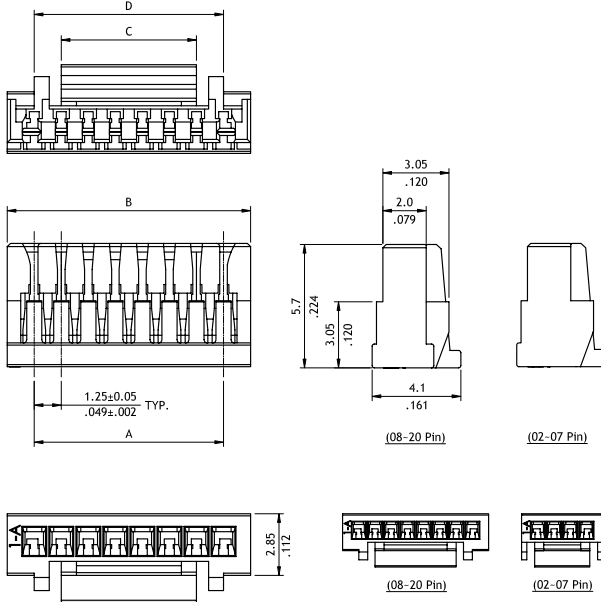
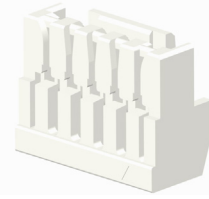
- ① Series No.
- ② No. of Circuits: 02 ~15
- ③ Contact Type : M = SMT
- ④ Plating Code : 1 = Matte Tin over Nickel

- ⑤ Tail Style: H=Side entry
V=Vertical
- ⑥ Option : R0=Tape & Reel Packing
- ⑦ NH = For Lead Free IR Process
and Halogen-Free

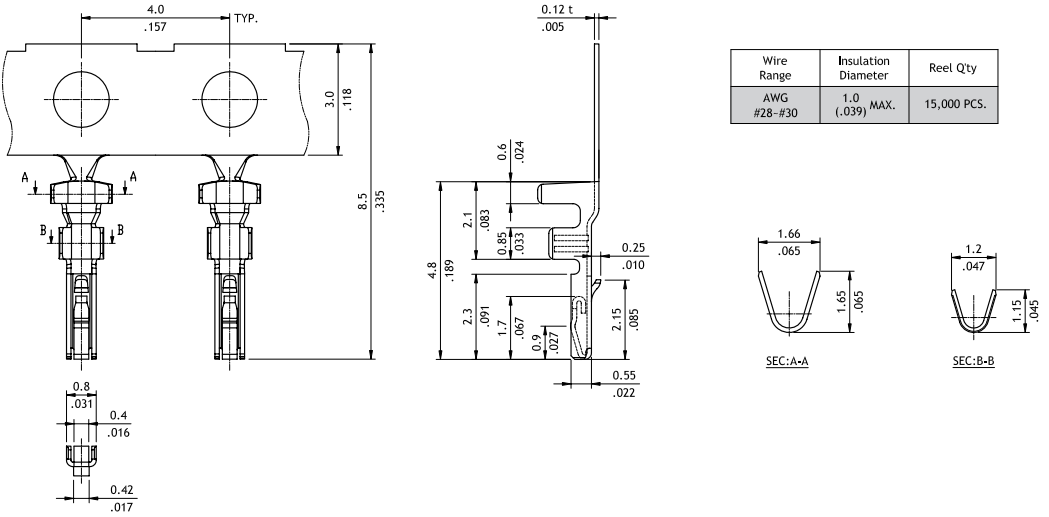
CI40 Series 1.25mm(.049") Wire to Board Housing & Terminal

- ⊙ Locking latch provide secure mating
- ⊙ Insulation: Nylon66 UL 94V-0,Color Nature
- ⊙ Terminal : Tin plate phosphor Bronze

RoHS Compliant



Circuits	Dimension			
	A	B	C	D
2	1.25(.049)	3.75(.148)	2.00(.079)	-
3	2.50(.098)	5.00(.197)	3.20(.126)	-
4	3.75(.148)	6.25(.246)	4.25(.167)	-
5	5.00(.197)	7.50(.295)	4.25(.167)	-
6	6.25(.246)	8.75(.344)	6.25(.246)	-
7	7.50(.295)	10.00(.394)	6.25(.246)	-
8	8.75(.344)	11.25(.443)	6.25(.246)	8.75(.344)
9	10.00(.394)	12.50(.492)	6.25(.246)	10.00(.394)
10	11.25(.443)	13.75(.541)	8.20(.323)	11.25(.443)
11	12.50(.492)	15.00(.591)	8.20(.323)	12.50(.492)
12	13.75(.541)	16.25(.640)	8.20(.323)	13.75(.541)
13	15.00(.591)	17.50(.689)	8.20(.323)	15.00(.591)
14	16.25(.640)	18.75(.738)	8.20(.323)	13.75(.541)
15	17.50(.689)	20.00(.787)	8.20(.323)	15.00(.591)
18	21.25(.837)	23.75(.935)	8.20(.323)	10.70(.421)
20	23.75(.935)	26.25(1.033)	8.20(.323)	10.70(.421)



Wire Range	Insulation Diameter	Reel Qty
AWG #28-#30	1.0 (.039) MAX.	15,000 PCS.

Ordering Code

① C I 40 ② 02 ③ S ④ L 0 0 0 - ⑤ N H

① C I 4 0 ② T 0 1 ③ 1 ④ P ⑤ P 0

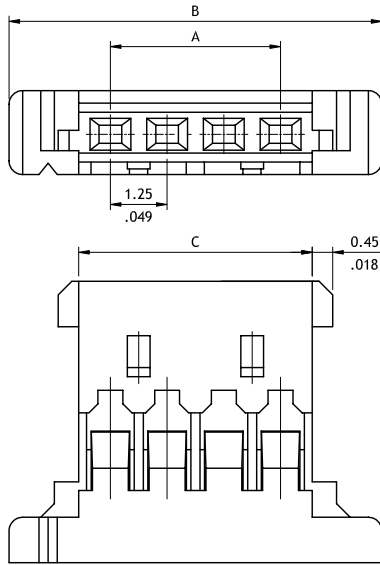
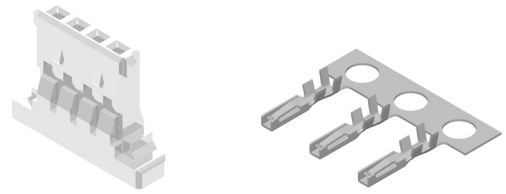
- ① Series No.
- ② No. of Circuits:
- ③ S =Connector Housing
- ④ Other Options: L000 = Color Nature (Standard)
- ⑤ NH = For Lead Free and Halogen-Free

- ① Series No.
- ② Type: T01=AWG #26~ #30
- ③ Plating Code : 1=Tin over Nickel
- ④ Material : P=Phosphor Bronze
- ⑤ Other Options : P0 =Standard

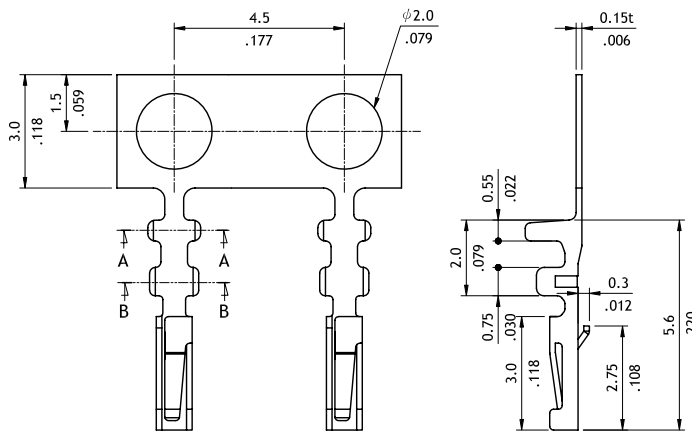
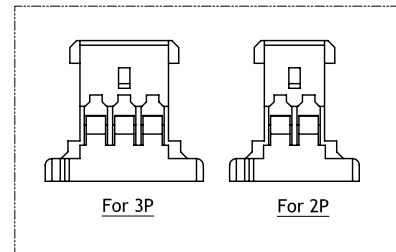
CI42 Series 1.25mm(.049") Wire to Board Housing & Terminal

- ⊙ Mate with CI42 Header
- ⊙ Can be used with CI42 Crimp clip terminal
- ⊙ Insulation: Nylon 66 UL 94V-0, Color Nature

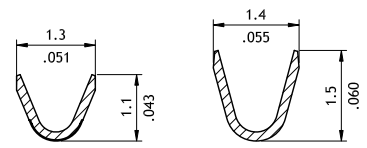
RoHS Compliant 



A = 1.25 * No. of Spaces
 B = A + 4.47
 C = A + 1.4



Wire Range	Insulation Diameter	Reel Qty
AWG #28-#32	1.0 (.039) MAX.	20,000 PCS.



Ordering Code

① C ② I42 ③ 10 ④ S L ⑤ 000

① C I42 ② T01 ③ 1 ④ P ⑤ P0

- ① Series No.
- ② No. of Circuits: 02 ~ 12
- ③ S= Housing
- ④ L=With Latch
- ⑤ Other Options: 000=Standard

- ① Series No.
- ② Type: T01=AWG #28~ #32
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material : P=Phosphor Bronze
- ⑤ Other Options : P0 =Standard

CI

WIRE TO BOARD CONNECTORS

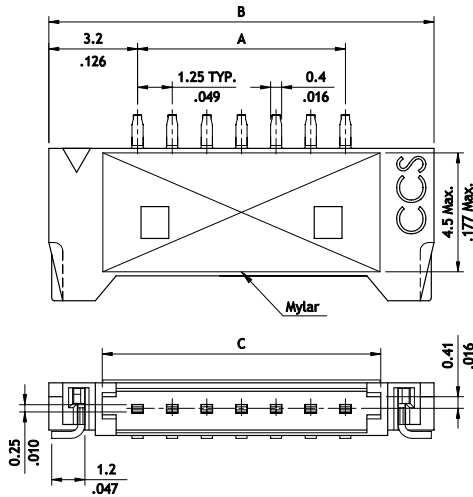
CI42 Series 1.25mm(.049") Wire to Board SMT Header

- ⊙ Locking ramps provide secure mating
- ⊙ Fixed tab PCB hold-down for SMT tail
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ With Gold flash SMT type contact

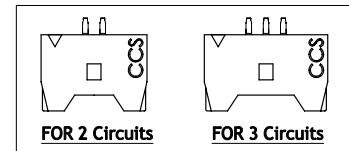
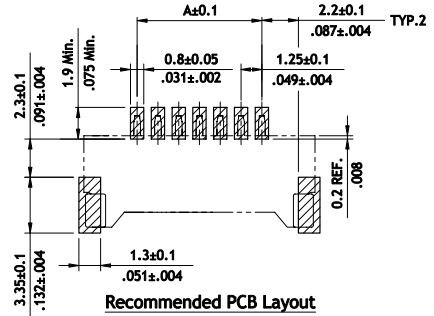
RoHS Compliant



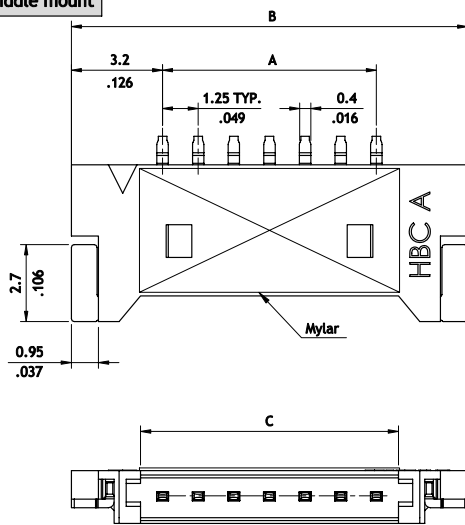
Top mount



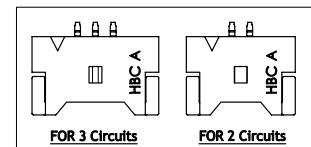
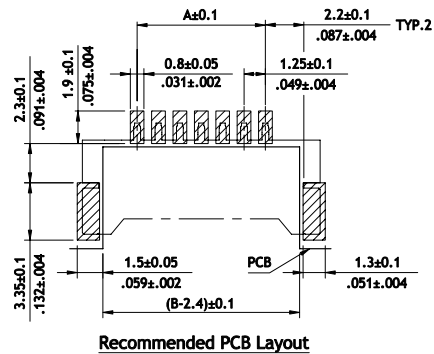
A = 1.25 x No. of Spaces
 B = A + 6.4
 C = A + 2.55



Middle mount



A = 1.25 x No. of Spaces
 B = A + 6.4
 C = A + 2.55



Ordering Code

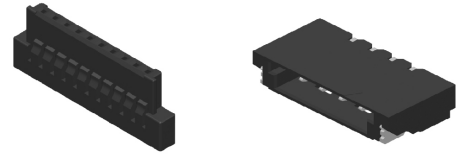
① C I 4 2 ② 1 2 ③ M ④ 2 ⑤ H ⑥ R ⑦ P ⑧ - NH

- ① Series No.
- ② No. of Circuits: 02 ~ 12
- ③ M = SMT Type
- ④ Plating Code:
2 = Gold flash over Nickel
- ⑤ Type: H = Side Entry

- ⑥ Packing Options:
R = Tape & Reel
- ⑦ Other Options:
0 = Top mount type without Mylar
P = Top mount type with Mylar
D = Middle mount type, Without Mylar
A = Middle mount type, With Mylar
- ⑧ NH = For Lead Free IR process and Halogen-Free

CI43 Series 1.25mm(.049") Wire to Board Housing & Terminal & SMT Header

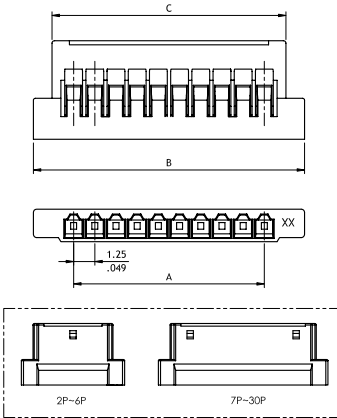
- ⊙ 2.03mm above the board
- ⊙ Copper alloy dual contacts
- ⊙ Insulation: High temperature plastic UL 94V-0, Color Black
- ⊙ With metal fixed tabs to secure connector in place



RoHS Compliant 

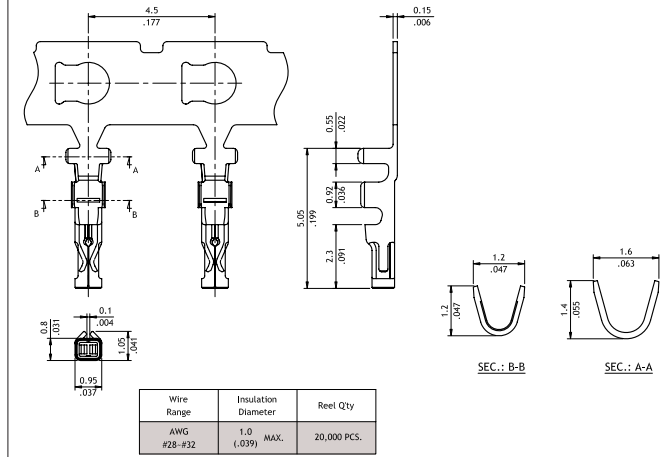
CI

P/N CI43**S0000

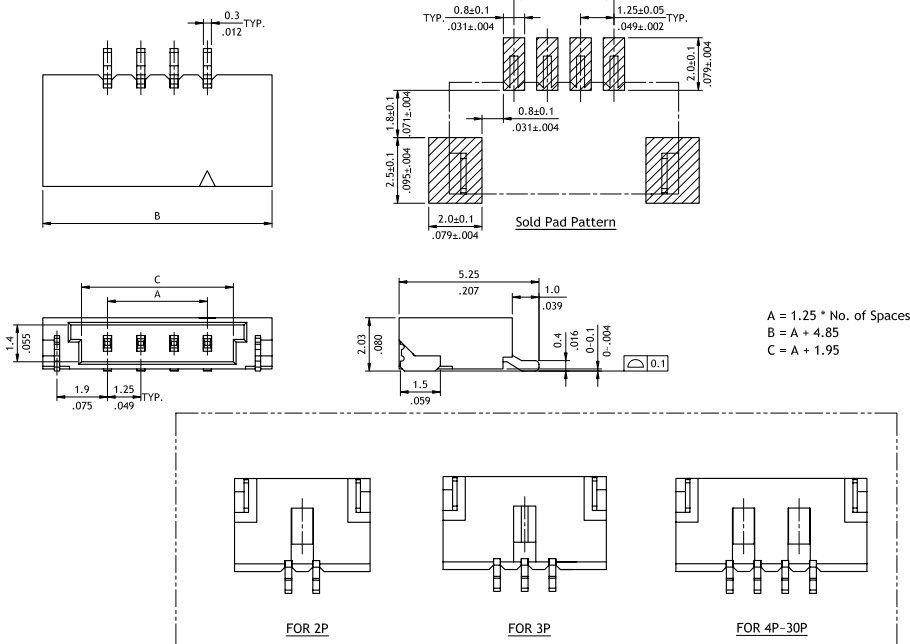


A = 1.25 * No. of Spaces
 B = A + 4.75
 C = A + 2.55

P/N CI43T011PE0



P/N CI43**M1HR0-NH



Ordering Code

① C I 43 ② 12 ③ S ④ 0 0 0 0

- ① Series No.
- ② No. of Circuits: 02 ~15,20,25,30
- ③ S = Housing
- ④ Other Options:
0000 = Standard

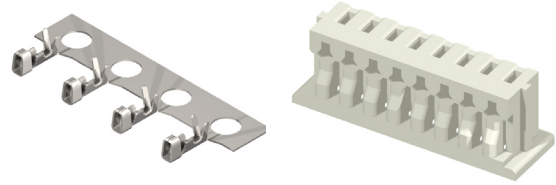
① C I 43 ② 12 ③ M ④ 1 ⑤ H ⑥ R ⑦ 0 ⑧ - NH

- ① Series No.
- ② No. of Circuits: 02 ~30
(Available: 02 ~12,16,24)
- ③ M = SMT Type
- ④ 1 = Matte Tin over Nickel
2 = Gold flash over Nickel
- ⑤ Type: H=Side Entry
- ⑥ Packing Options:
R = Tape & Reel
- ⑦ Other Options:
0 = Standard
- ⑧ NH = For Lead Free soldering process and Halogen-Free

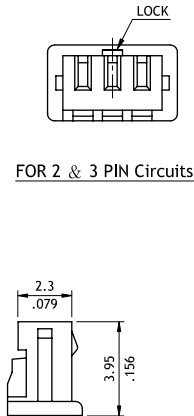
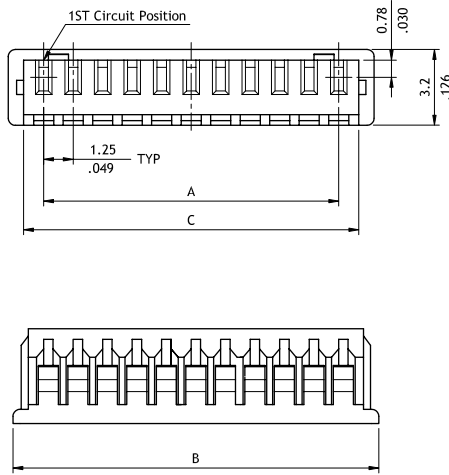
WIRE TO BOARD CONNECTORS

CI44 Series 1.25mm(.049") Wire to Board Connectors Housing & Terminal

- ⊙ Latch housing secure terminal in housing and provides extra terminal retention
- ⊙ Terminal accommodated AWG #28 ~ #32
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated, Phosphor Bronze
- ⊙ Mate with CI44 header

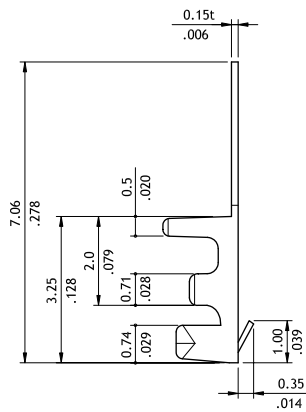
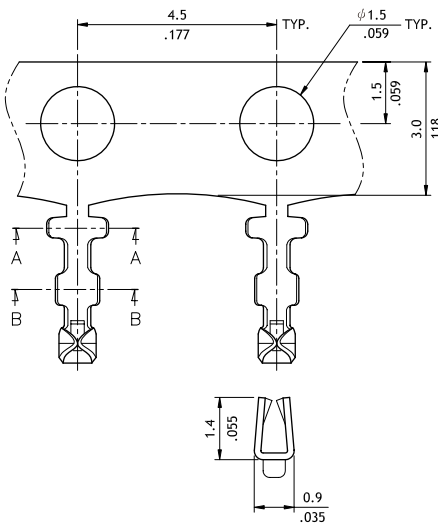


RoHS Compliant

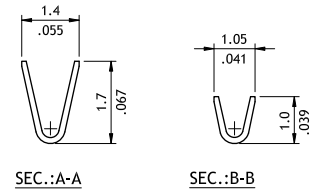


FOR 2 & 3 PIN Circuits

Circuits	Dimension		
	A	B	C
2	1.25(.049)	4.25(.167)	2.95(.116)
3	2.50(.098)	5.5(.217)	4.20(.165)
4	3.75(.148)	6.75(.266)	5.45(.215)
5	5.00(.197)	8.0(.315)	6.70(.264)
6	6.25(.246)	9.25(.364)	7.95(.313)
7	7.50(.295)	10.5(.413)	9.20(.362)
8	8.75(.344)	11.75(.463)	10.45(.411)
9	10.00(.394)	13.0(.512)	11.70(.461)
10	11.25(.443)	14.25(.561)	12.95(.510)
11	12.50(.492)	15.5(.610)	14.20(.559)
12	13.75(.541)	16.75(.659)	15.45(.608)
13	15.00(.591)	18.0(.709)	16.70(.657)
14	16.25(.640)	19.25(.758)	17.95(.707)
15	17.50(.689)	20.5(.807)	19.20(.756)
16	18.75(.719)	21.75(.856)	20.45(.805)



Wire Range	Insulation Diameter	Reel Qty
AWG #28-#32	1.0 (.039) MAX.	15,000 PCS.



Ordering Code

① C I 44 ② 15 ③ S 0 0 ④ 0 ⑤ 0 ⑥ - NH

① C I 44 ② T 0 1 ③ 1 ④ P ⑤ P 0

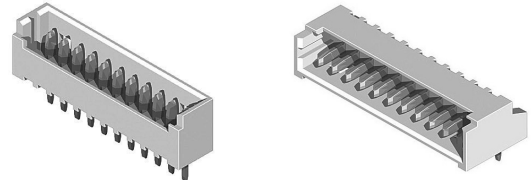
- ① Series No.
- ② No. of Circuits: 02 ~ 16
- ③ S00= Housing
- ④ Color: 0 = Color Nature
- ⑤ Other Options: 0 = Standard
- ⑥ NH = For Lead Free and Halogen-Free

- ① Series No.
- ② Type: T01 = AWG #28 ~ #32
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: P0 = Standard

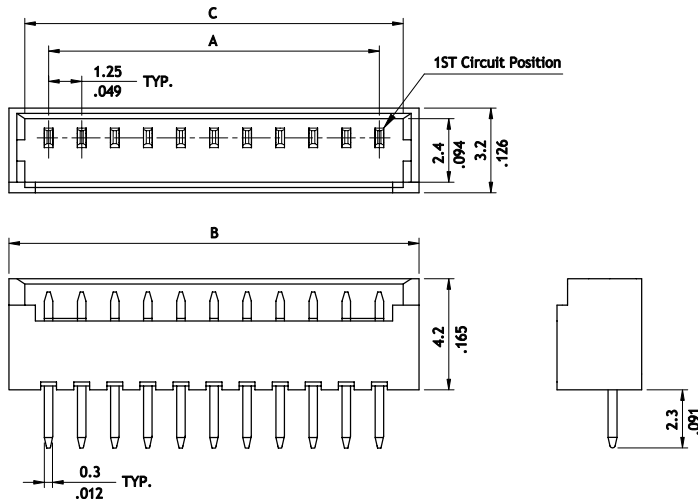
CI44 Series 1.25mm(.049") Wire to Board Connectors DIP Headers

- ⊙ Polarization and Low-profile
- ⊙ Locking slots provide secure mating
- ⊙ Mate with CI44 housing
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Natu
- ⊙ With Tin plated DIP type contact

RoHS Compliant

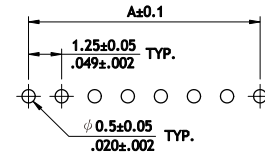
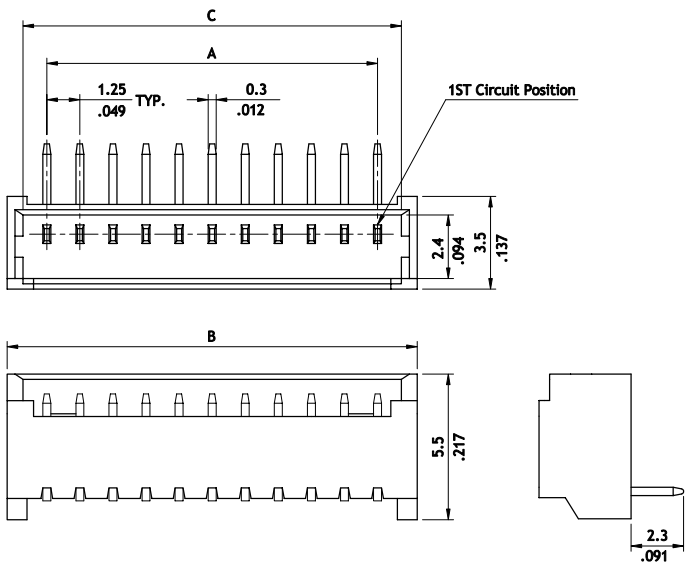


Top entry



Circuits	Dimension		
	A	B	C
2	1.25(.049)	4.35(.171)	3.15(.124)
3	2.50(.098)	5.6(.220)	4.40(.173)
4	3.75(.148)	6.85(.270)	5.65(.222)
5	5.00(.197)	8.1(.319)	6.90(.272)
6	6.25(.246)	9.35(.368)	8.15(.321)
7	7.50(.295)	10.6(.417)	9.40(.370)
8	8.75(.344)	11.85(.467)	10.65(.419)
9	10.00(.394)	13.1(.516)	11.90(.469)
10	11.25(.443)	14.35(.565)	13.15(.518)
11	12.50(.492)	15.6(.614)	14.40(.567)
12	13.75(.541)	16.85(.663)	15.65(.616)
13	15.00(.591)	18.1(.713)	16.90(.665)
14	16.25(.640)	19.35(.762)	18.15(.715)
15	17.50(.689)	20.6(.811)	19.40(.764)

Side entry



Recommended P.C. Board Layout

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
C I 4 4 1 5 P 1 V 0 0 - NH

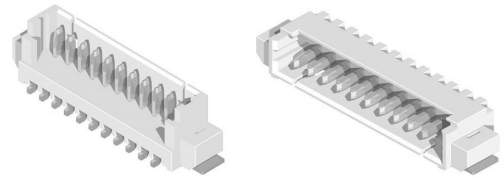
- ① Series No.
- ② No. of Circuits : 02 ~ 15
- ③ P = DIP Type
- ④ Plating Code : 1 = Matte Tin over Nickel
- ⑤ Type: V = Top Entry
H = Side Entry
- ⑥ Other Options:
00 = Standard (Tube packing)
- ⑦ NH = For Lead Free soldering process and Halogen-Free
*Special options consult manufacturer

CI

WIRE TO BOARD CONNECTORS

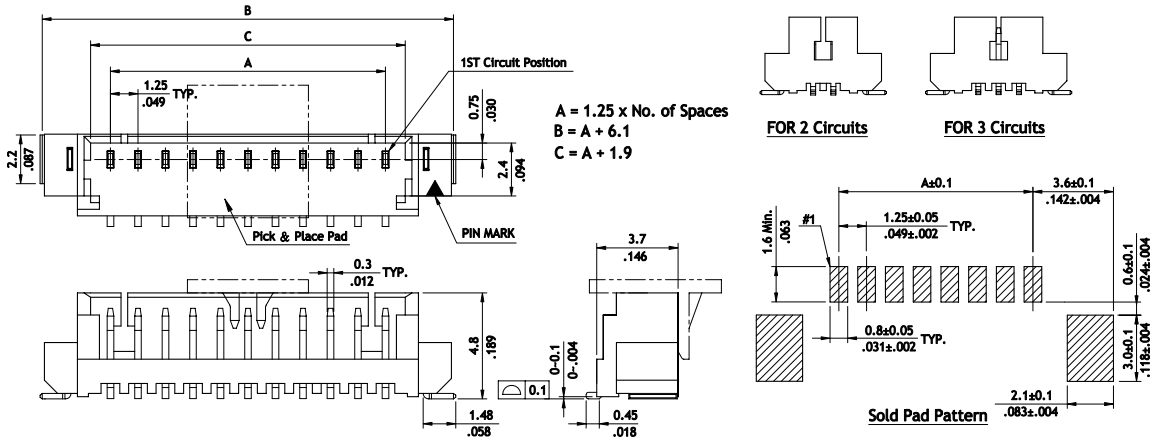
CI44 Series 1.25mm(.049") Wire to Board Connectors SMT Headers

- Ⓞ Polarization and Low-profile
- Ⓞ Locking slots provide secure mating
- Ⓞ Fixed tabs provide PCB hold-down and strain-relief for SMT
- Ⓞ Insulator: High temperature plastic UL 94V-0 , Color Nature
- Ⓞ With Tin plated SMT type contact
- Ⓞ Mate with CI44 housing

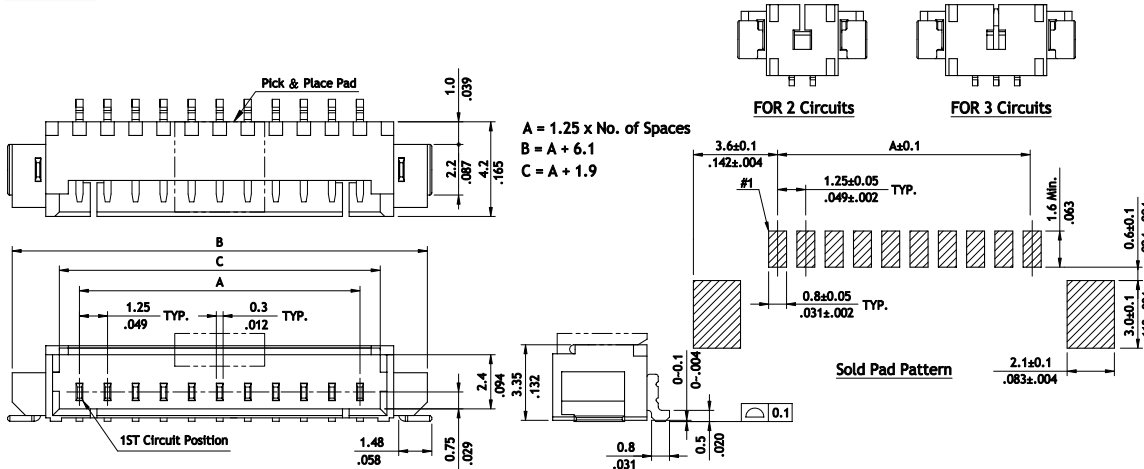


RoHS Compliant

Top entry



Side entry



Ordering Code	①	②	③	④	⑤	⑥	⑦
	CI44	15	M	1	V	R0	-NH

① Series No.
 ② No. of Circuits: 02 ~ 15
 ③ M=SMT Type
 ④ Plating Code:
 1 = Matte Tin over Nickel
 ⑤ Type: V = Top Entry
 H = Side Entry
 ⑥ Other Options :
 00 = Standard (Tube packing)
 R0 = Tape & Reel (Without Pick & Place Pad)
 RP = Tape & Reel (With Pick & Place Pad)
 ⑦ NH = For Lead Free soldering process and Halogen-Free
 * Special option consult manufacturer

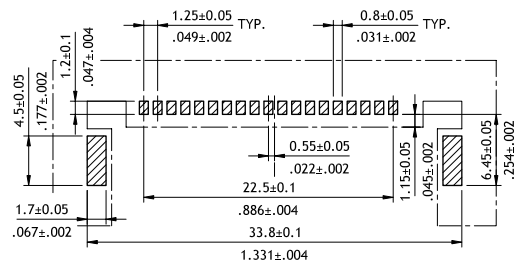
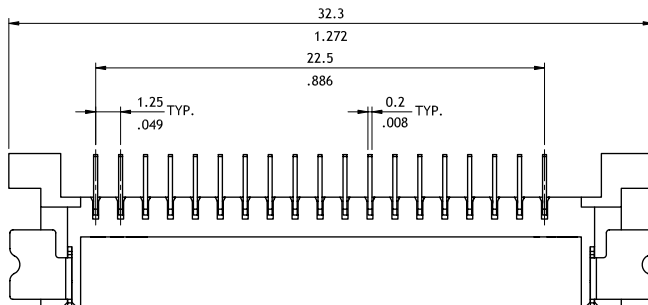
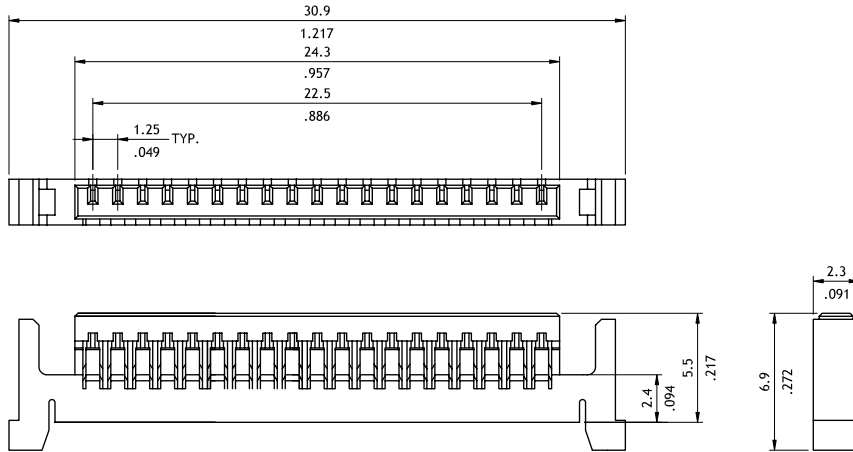
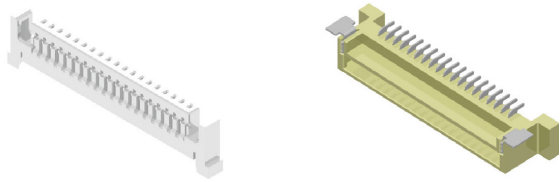
CI

WIRE TO BOARD CONNECTORS

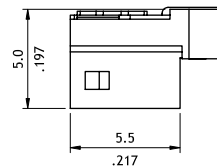
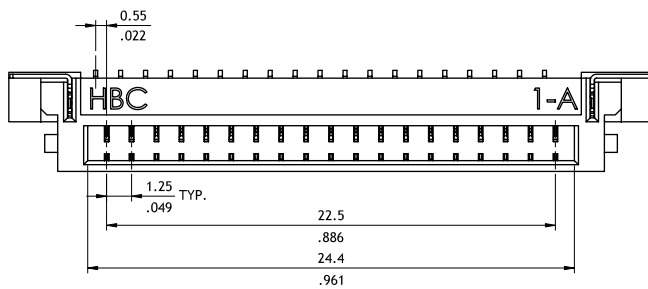
CI45 Series 1.25mm(.049") Wire to Board Housing & SMT Headers

- ⊙ With locking latch provide secure mating
- ⊙ Mate with CI45 Header
- ⊙ Mate with CI14 crimp clip terminal (P/N: CI14T011PE0)

RoHS Compliant



Recommended P.C. Board Layout



Ordering Code

① ② ③ ④ ⑤ ⑥ ① ② ③ ④ ⑤ ⑥ ⑦
C I 4 5 1 9 S L 0 0 0 0 - N H C I 4 5 1 9 M 1 H R 0 - N H

- ① Series No.
- ② No. of Circuits:19
- ③ S = Housing
- ④ L= With Locking Latch
- ⑤ Other Option: 000=Standard
- ⑥ NH= For Lead Free IR Process and Halogen-Free

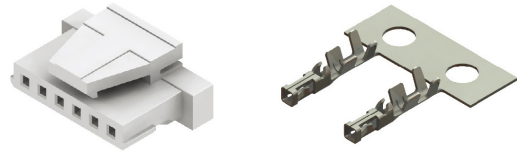
- ① Series No.
- ② No. of Circuits: 19
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: H=Side Entry
- ⑥ Packing Options: R0 = Tape & Reel
- ⑦ NH = For Lead Free IR Process and Halogen-Free

CI

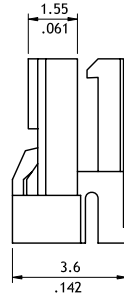
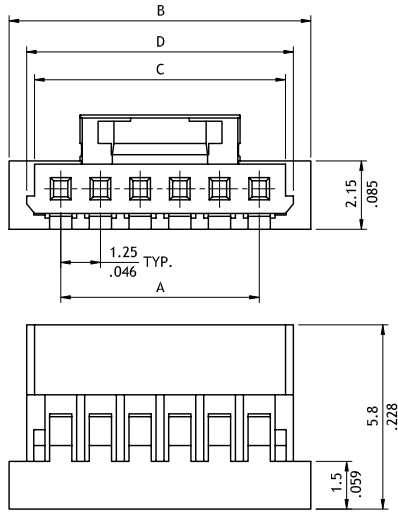
WIRE TO BOARD CONNECTORS

CI46 Series 1.25mm(.049") Wire to Board Connectors Housing & Terminal

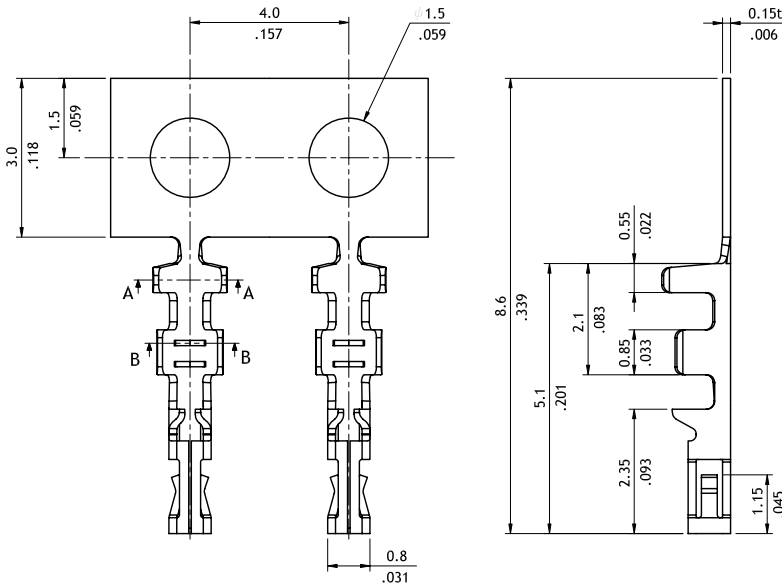
- ⊙ With locking latch provide secure mating
- ⊙ Mate with CI46 Header
- ⊙ Can be used with CI46 Crimp Clip Terminal
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature



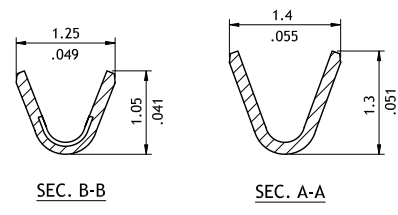
RoHS Compliant



A = 1.25 x No. of Spaces
 B = A + 3.25
 C = A + 1.65
 D = A + 2.15



Wire Range	Insulation Diameter	Reel Qty
AWG #26-#32	0.90 (.035) MAX.	16,000 PCS



Ordering Code

① ② ③ ④ ⑤

C I 4 6 2 0 S L 0 0 0

① ② ③ ④ ⑤

C I 4 6 T 0 1 1 P E 0

① Series No.

② No. of Circuits: 02 ~ 20

③ S = Housing

④ L = With Locking Latch

⑤ Other Options: 000 = Standard

① Series No.

② Type: T01 = AWG #26 ~ #32

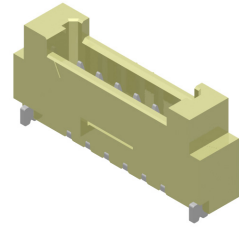
③ Plating Code: 1 = Tin over Nickel

④ Material: P = Phosphor Bronze

⑤ Other Options: E0 = Standard

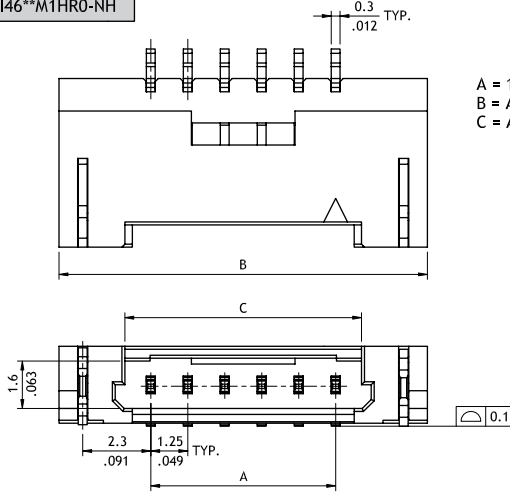
CI46 Series 1.25mm(.049") Wire to Board Connectors SMT Headers

- ⊙ With locks provide secure mating
- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mate with CI46 Housing
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature

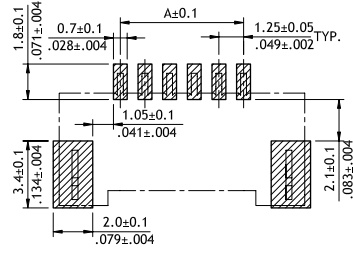


RoHS Compliant

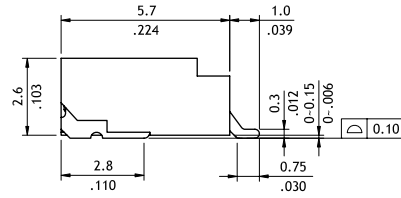
P/N CI46**M1HR0-NH



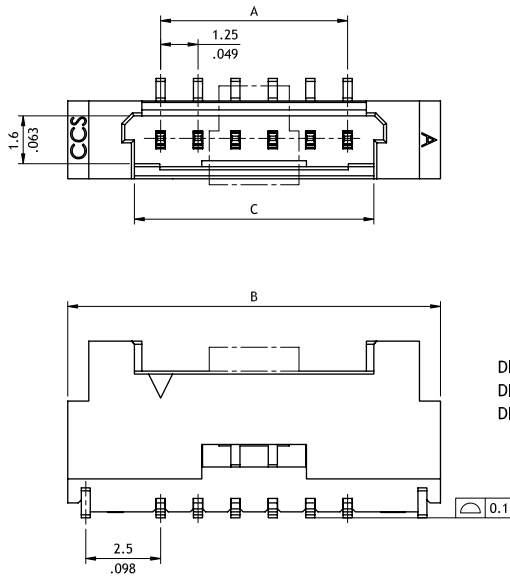
A = 1.25 x No. of Spaces
 B = A + 6.2
 C = A + 1.75



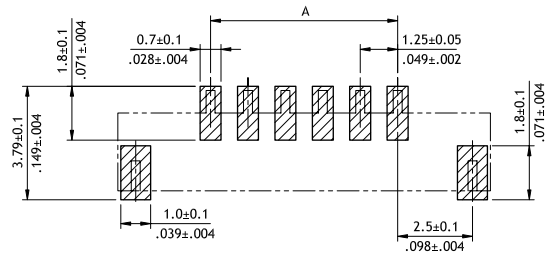
Recommended P.C. Board Layout



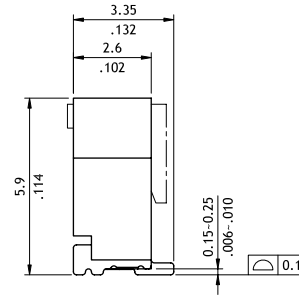
P/N CI46**M1VR0-NH



DIM. A = 1.25 x No. of Spaces
 DIM. B = DIM. A + 6.2
 DIM. C = DIM. A + 1.75



Recommended P.C. Board Layout



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CI46 20 M 1 V R 0 - NH

- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ M = SMT Type
- ④ Plating Code : 1= Matte Tin over Nickel
- ⑤ Type : V = Top Entry
 H = Side Entry
- ⑥ Packing Options: R0 = Tape & Reel
- ⑦ Other Options: 0 = Standard
- ⑧ NH = For Lead Free soldering process and Halogen-Free

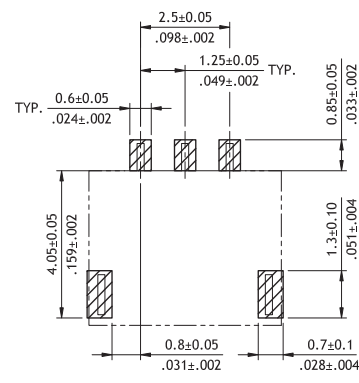
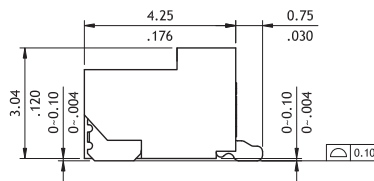
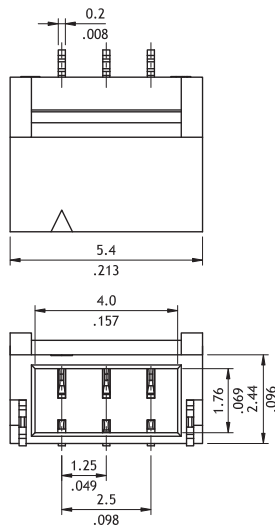
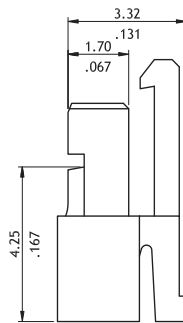
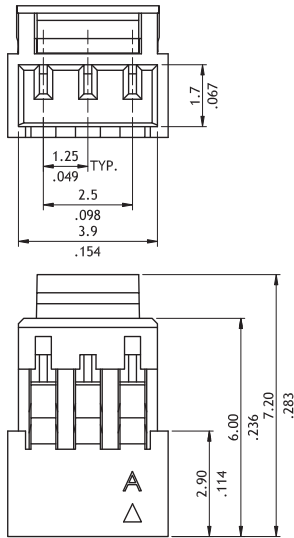
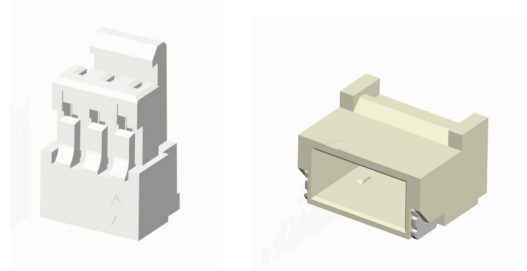
CI

WIRE TO BOARD CONNECTORS

CIDL Series 1.25mm(.049") Wire to Board Housing and SMT Header Connectors

- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Insulator: High temperature UL 94V-0 , Color Nature
- ⊙ Mate with CI14 Crimp clip terminal (P/N : CI14T011PE0)

RoHS Compliant



Ordering Code

①	②	③	④	⑤	⑥	⑦
CIDL	03	S	L000	-NH	M	1H R0-NH

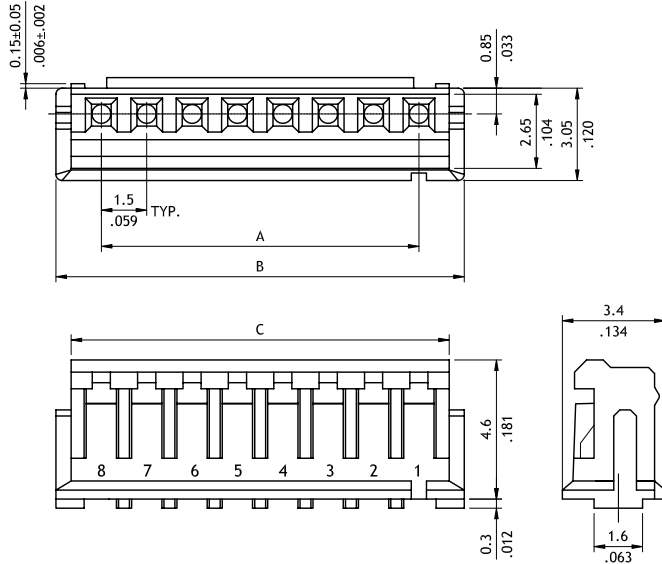
① Series No.
 ② No. of Circuits: 03
 ③ S = Connector Housing
 ④ Other option: L000=With Locking Latch
 ⑤ Other Option: -NH= Halogen-Free
 ① Series No.
 ② No. of Circuits: 03
 ③ M=SMT type Header
 ④ Plating: 1= Matte Tin over Nickel
 ⑤ Type: H = Side Entry Type
 ⑥ Option : R0 = Tape & Reel Packing
 ⑦ NH= For Lead Free IR Processes and Halogen-Free

CI15 Series 1.50mm(.059") Wire to Board Connectors Housing & Terminal

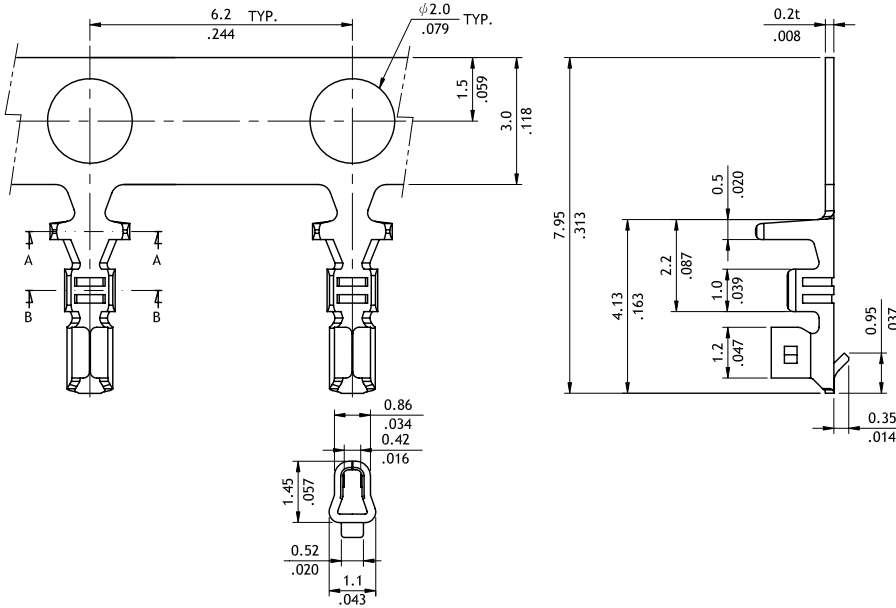
- ⊙ Terminal accommodated AWG #26 ~ #32
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated, Phosphor Bronze
- ⊙ Mate with CI15 Header



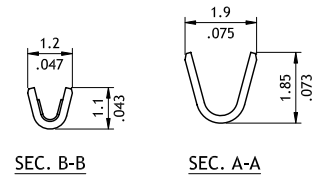
RoHS Compliant  



Circuits	Dimension		
	A	B	C
2	1.5(.059)	4.5(.177)	3.5(.138)
3	3.0(.118)	6.0(.236)	5.0(.197)
4	4.5(.177)	7.5(.295)	6.5(.256)
5	6.0(.236)	9.0(.354)	8.0(.315)
6	7.5(.295)	10.5(.413)	9.5(.374)
7	9.0(.354)	12.0(.472)	11.0(.433)
8	10.5(.413)	13.5(.513)	12.5(.492)
9	12.0(.472)	15.0(.591)	14.0(.551)
10	13.5(.531)	16.5(.650)	15.5(.610)
11	15.0(.591)	18.0(.709)	17.0(.669)
12	16.5(.650)	19.5(.768)	18.5(.728)
13	18.0(.709)	21.0(.827)	20.0(.787)
14	19.5(.768)	22.5(.886)	21.5(.846)
15	21.0(.827)	24.0(.945)	23.0(.905)



Wire Range	Insulation Diameter	Reel Qty
AWG #26-#32	1.10 (.043) MAX.	10,000 PCS



Ordering Code

① ② ③ ④
CI15 15 S 0000

① ② ③ ④ ⑤
CI15 T01 1 P E0

- ① Series No.
- ② No. of Circuits : 02 ~ 15
- ③ S = Housing
- ④ Other Options: 0000 = Standard

- ① Series No.
- ② Type: T01 = AWG #26 ~ #32
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

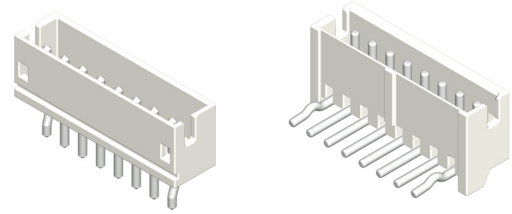
CI

WIRE TO BOARD CONNECTORS

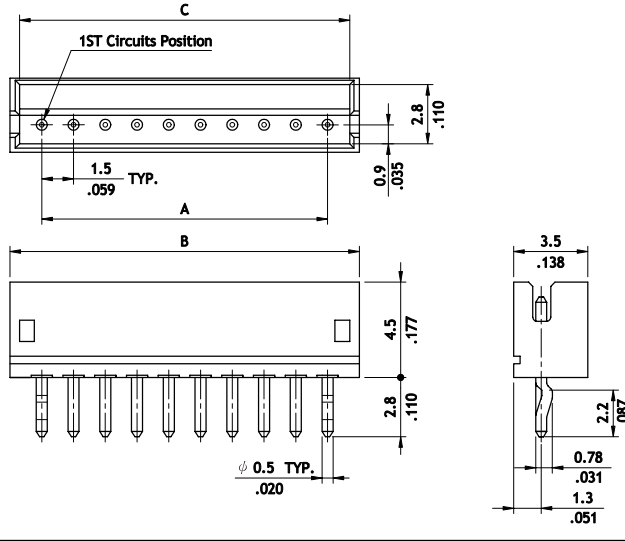
CI15 Series 1.50mm(.059") Wire to Board Connectors DIP Headers

- ⊙ Polarization and Low-profile
- ⊙ Locking slots provide secure mating
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ With Tin plated DIP type contact
- ⊙ Mate with CI15 Housing

RoHS Compliant

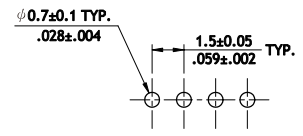
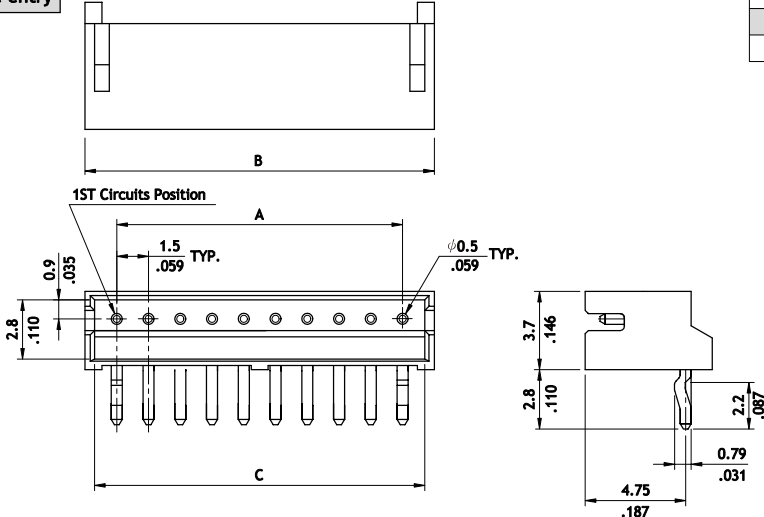


Top entry



Circuits	Dimension		
	A	B	C
2	1.5(.059)	4.5(.177)	3.6(.142)
3	3.0(.118)	6.0(.236)	5.1(.201)
4	4.5(.177)	7.5(.295)	6.6(.260)
5	6.0(.236)	9.0(.354)	8.1(.319)
6	7.5(.295)	10.5(.413)	9.6(.378)
7	9.0(.354)	12.0(.472)	11.1(.437)
8	10.5(.413)	13.5(.531)	12.6(.496)
9	12.0(.472)	15.0(.591)	14.1(.555)
10	13.5(.531)	16.5(.650)	15.6(.614)
11	15.0(.591)	18.0(.709)	17.1(.673)
12	16.5(.650)	19.5(.768)	18.6(.732)
13	18.0(.709)	21.0(.827)	20.1(.791)
14	19.5(.768)	22.5(.886)	21.6(.850)
15	21.0(.827)	24.0(.945)	23.1(.909)

Side entry



Recommended P.C. Board Layout

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CI15 15 P 1 V K 0 - NH

- ① Series No.
- ② No. of Circuits: 02 ~15
- ③ P = DIP Type
- ④ Plating Code : 1= Matte Tin over Nickel
- ⑤ Type : V =Straight H=Right Angle
- ⑥ K = With Pin Kinked
- ⑦ Other Options: 0 = Standard
- ⑧ NH = For Lead Free soldering process and Halogen-Free

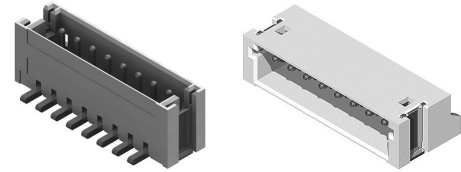
CI

WIRE TO BOARD CONNECTORS

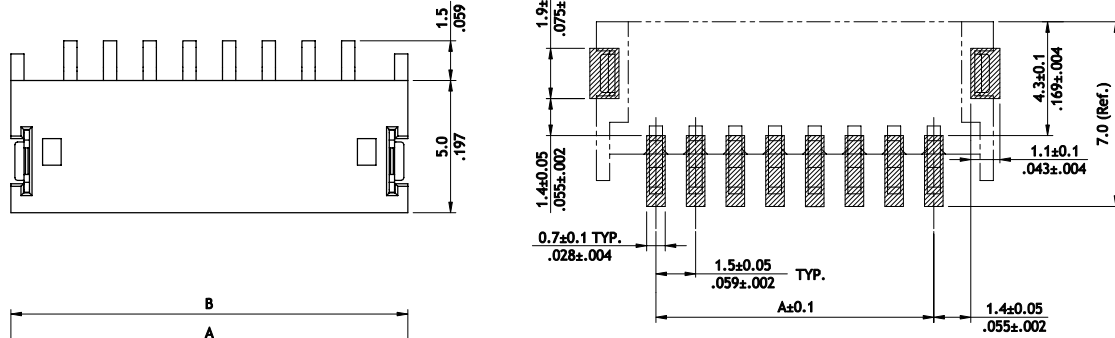
CI15 Series 1.50mm(.059") Wire to Board Connectors SMT Headers

- ⊙ Polarization and Low-profile
- ⊙ Locking slots provide secure mating
- ⊙ Fixed tabs provide PCB hold-down and strain-relief for SMT tails
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ With Tin plated SMT type contact
- ⊙ Mate with CI15 Housing

RoHS Compliant   



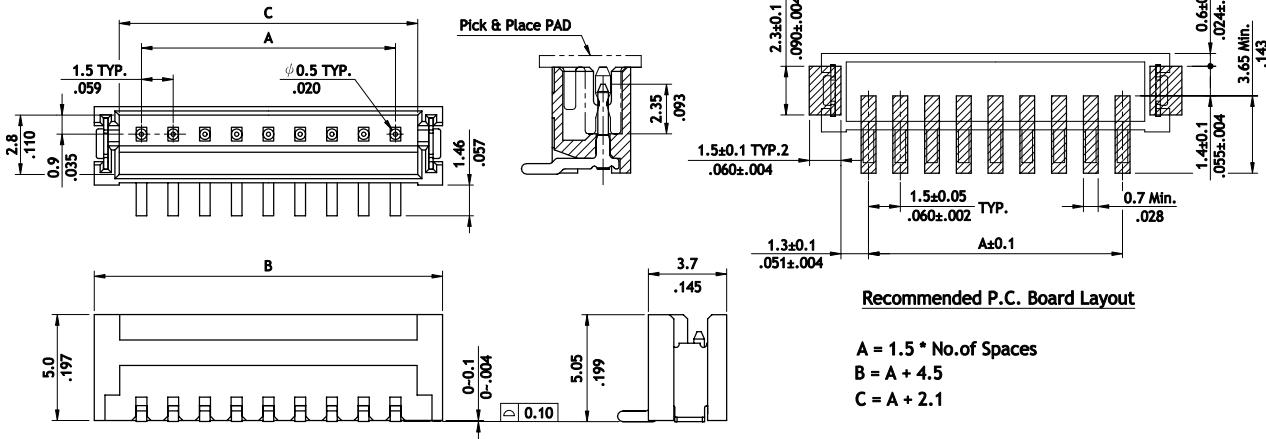
Side entry



Recommended P.C. Board Layout

A = 1.5 x No. of Spaces
 B = A + 4.5
 C = A + 2.1

Top entry



Recommended P.C. Board Layout

A = 1.5 * No. of Spaces
 B = A + 4.5
 C = A + 2.1

Ordering Code

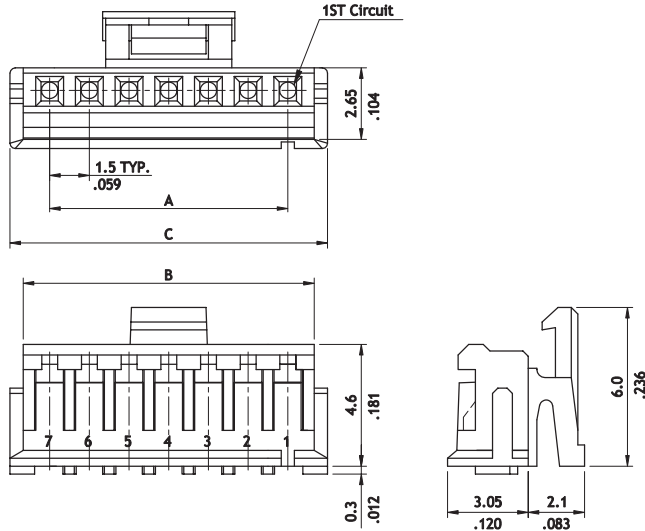
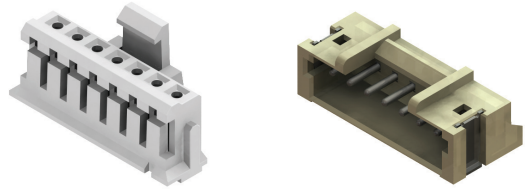
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CI15 15 M 1 V R 0 - NH

- ① Series No.
- ② No. of Circuits: 02 ~15
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: V = Top Entry H= Side Entry
- ⑥ Packing Options:
 R = Tape & Reel
 T = Tube
- ⑦ Other Options: 0 = Standard
 *Special options consult manufacturer
- ⑧ NH = For Lead Free soldering process and Halogen-Free

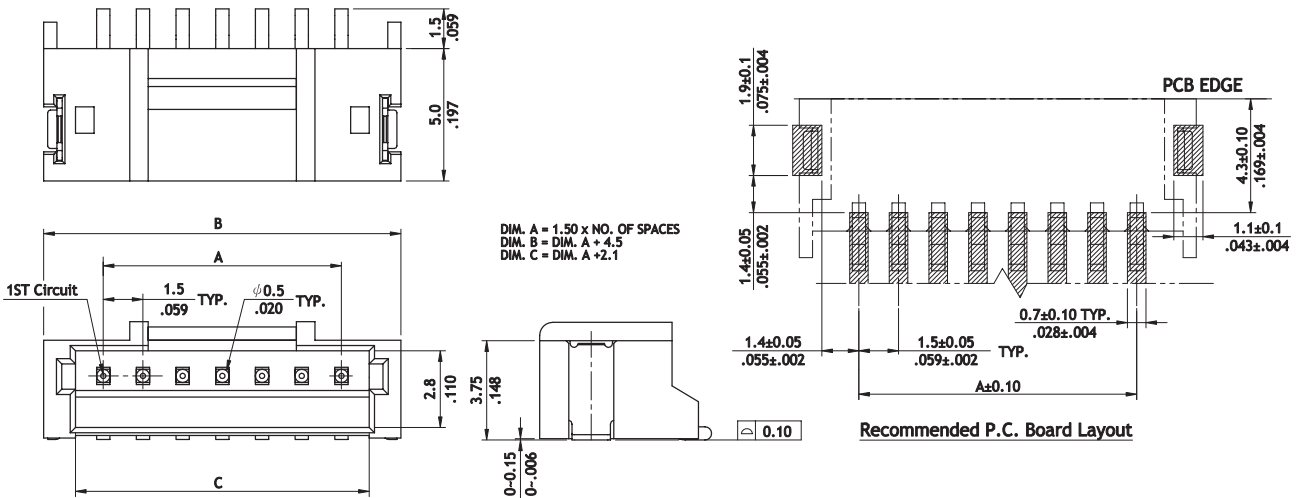
CI15 Series 1.50mm(.059") Wire to Board Latch Type Housing & SMT Header

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Insulator: High temperature UL 94V-0, Color Nature
- ⊙ Housing: Nylon 66 UL 94V-0, Color Nature
- ⊙ Housing mate with CI15 Terminal (P/N: CI15T011PE0)

RoHS Compliant



Circuits	Dimension		
	A	B	C
4	4.50(.177)	6.5(.256)	7.50(.295)
5	6.00(.236)	8.0(.315)	9.00(.354)
6	7.50(.295)	9.5(.374)	10.50(.413)
7	9.00(.354)	11.0(.433)	12.00(.472)
9	12.00(.472)	14.0(.551)	15.00(.591)
14	19.50(.767)	21.5(.846)	22.50(.886)



Ordering Code

① ② ③ ④
C I 15 0 7 S L 0 0 0

- ① Series No.
- ② No. of Circuits: 04~ 07 , 09 , 14
- ③ S = Housing
- ④ Other Options : L000= Standard

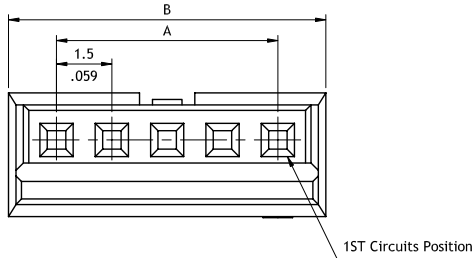
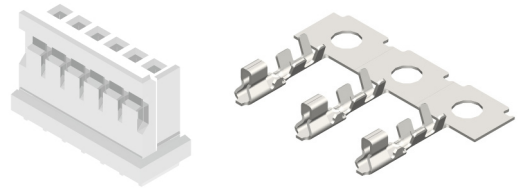
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
C I 15 0 7 M 1 H T L - N H

- ① Series No.
- ② No. of Circuits: 05,07,09,14
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: H = Right Angle
- ⑥ Packing Options: T = Tube (Standard) R = Tape & Reel
- ⑦ L = Latch Type
- ⑧ NH = For Lead Free IR Process and Halogen-Free

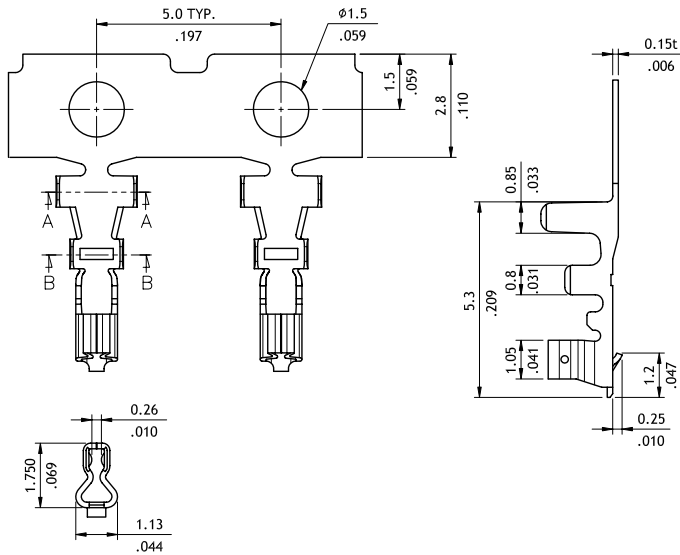
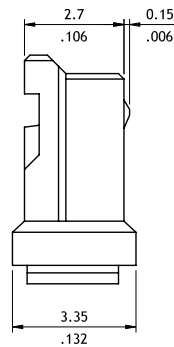
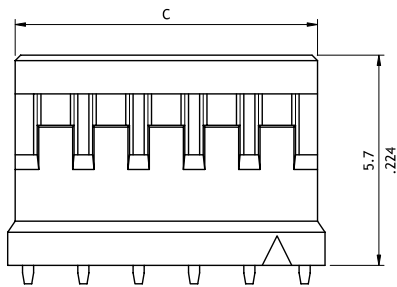
CI19 Series 1.50mm(.059") Wire to Board Connectors Housing & Terminal

- ⊙ Mate with CI19 Header
- ⊙ Can be used with CI19 Crimp Clip Terminal
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature

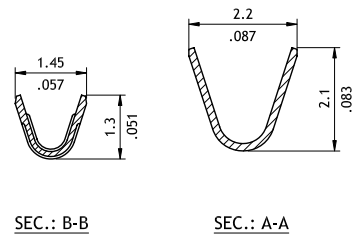
RoHS Compliant  



A = 1.5 * No. of Spaces
 B = A + 2.6
 C = A + 2.2



Wire Range	Insulation Diameter	Reel Qty
AWG #24-#30	1.1 (.043) MAX.	15,000 PCS.



Ordering Code

① C ② 19 ③ 08 ④ S ⑤ L ⑥ 000 - NH

① C ② 19 ③ T01 ④ 1 ⑤ P E0

- ① Series No.
- ② No. of Circuits: 02 ~ 15
(Available: 02 ~ 06 , 08)
- ③ S = Housing
- ④ L = With Ramp
- ⑤ Other Options: 000 = Standard
- ⑥ NH = Halogen-Free

- ① Series No.
- ② Type: T01 = AWG #24 ~ #30
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Option: E0 = Standard

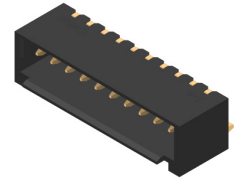
CI

WIRE TO BOARD CONNECTORS

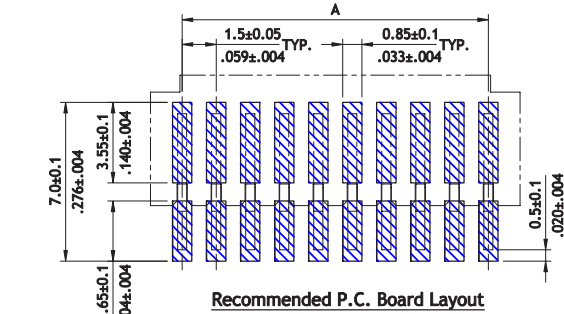
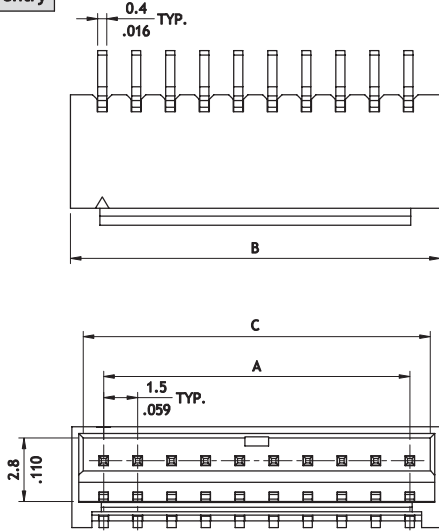
CI19 Series 1.50mm(.059") Wire to Board Connectors SMT Headers

⊙ Insulator: High temperature plastic UL 94V-0, Color Black

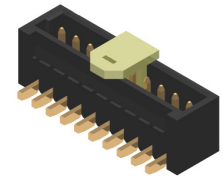
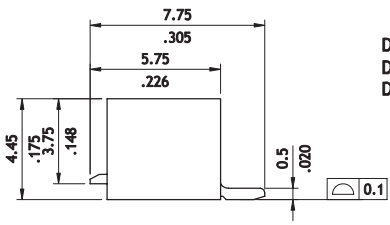
RoHS Compliant



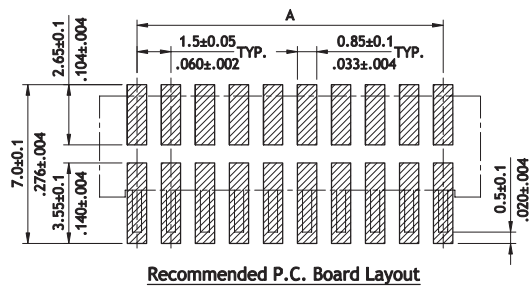
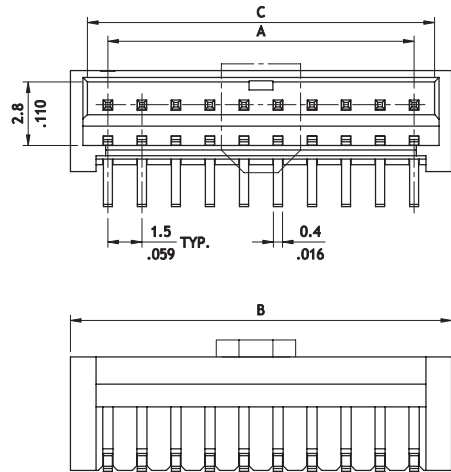
Side entry



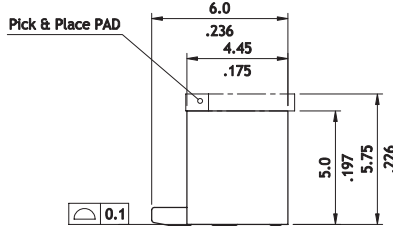
DIM. A = 1.50 x No. of Spaces
 DIM. B = DIM. A + 3.3
 DIM. C = DIM. A + 1.8



Top entry



DIM. A = 1.50 x No. of Spaces
 DIM. B = DIM. A + 3.3
 DIM. C = DIM. A + 1.8

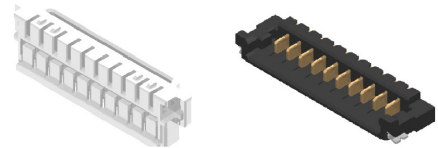


Ordering Code	①	②	③	④	⑤	⑥	⑦
	CI19	20	M	1	H	R0	NH

① Series No.
 ② No. of Circuits: 02 ~ 20
 ③ M = SMT Type
 ④ Plating Code:
 1 = Matte Tin over Nickel
 2 = Gold flash over Nickel
 ⑤ Type : V = Top Entry
 H = Side Entry
 ⑥ Packing Options:
 R0 = Tape & Reel
 ⑦ NH = For Lead Free IR Process and Halogen-Free

CI87 Series 1.50mm(.059") Wire to Board Housing & Terminal & SMT Header

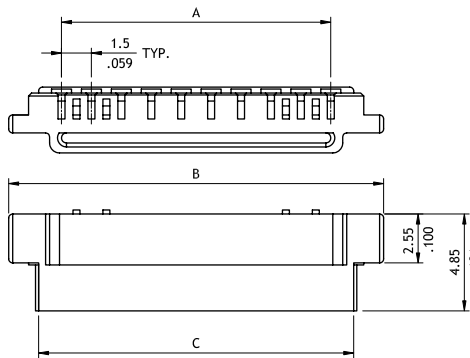
- ⊙ Locking slots provide secure mating
- ⊙ Fixed tabs provide PCB hold-down and strain-relief for SMT tails
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Black (Header)
- ⊙ Insulation: Nylon66 UL 94V-0, Color Nature (Housing)



RoHS Compliant

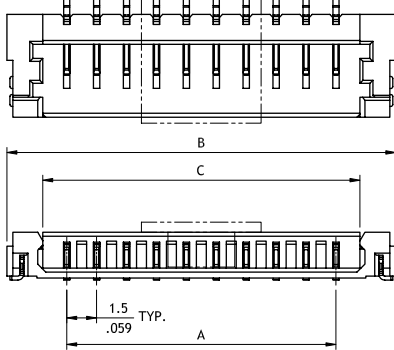
P/N CI87**S0000

Circuits	Dimension		
	A	B	C
8	10.5(.413)	15.8(.622)	12.8(.503)
10	13.5(.531)	18.8(.740)	15.8(.622)

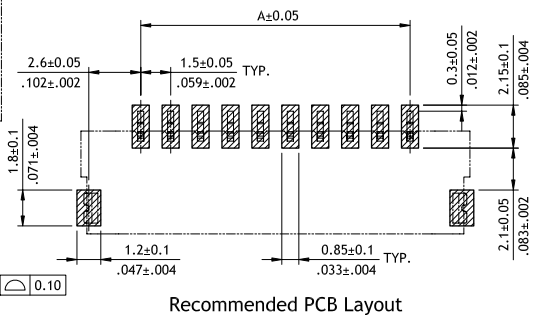
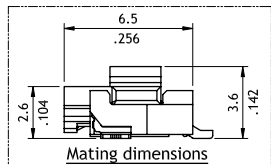
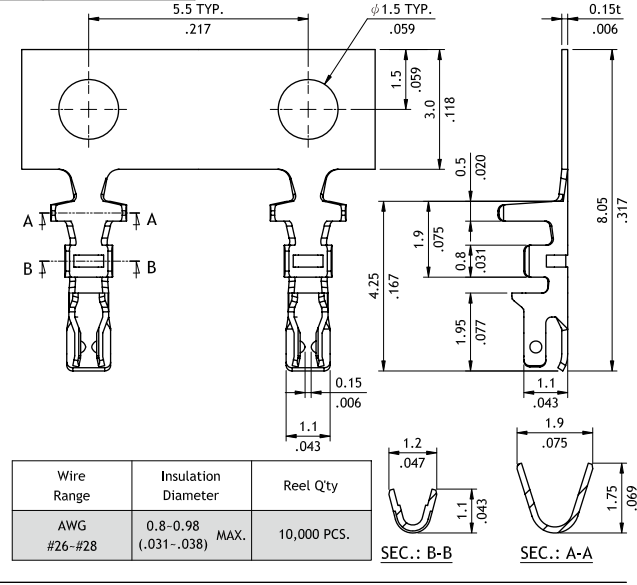


P/N CI87**M2VR0-NH

Circuits	Dimension		
	A	B	C
8	10.5(.413)	16.5(.650)	12.9(.508)
10	13.5(.531)	19.5(.768)	15.9(.626)



P/N CI87T012PP0



Ordering Code

① ② ③ ④
C 187 10 S 0000

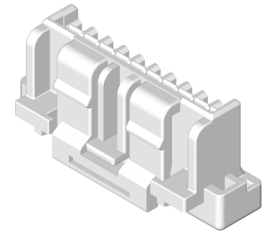
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
C I 8 7 1 0 M 2 V R 0 - N H

- ① Series No.
- ② No. of Circuits: 8,10
- ③ S = Housing
- ④ Other Options: 0000 = Standard

- ① Series No.
- ② No. of Circuits: 8,10
- ③ M = SMT Type
- ④ Plating Code : 2 = Gold flash over Nickel
- ⑤ Type: V = Top Entry
- ⑥ Packing Options: R = Tape & Reel
- ⑦ Other Options: 0 = Standard
- ⑧ NH = For Lead Free IR process and Halogen-Free

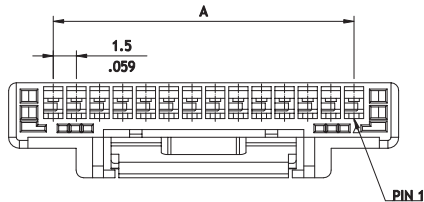
CIDW Series 1.50mm(.059") Single Row Wire to Board Housing & Terminal

- ⊙ With locking wall
- ⊙ Mate with CIDW header
- ⊙ Insulator : PA66 94V-0 , color Nature , terminal accommdated , AWG #2
- ⊙ Terminal : Tin plated Phosphor Bronze

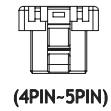
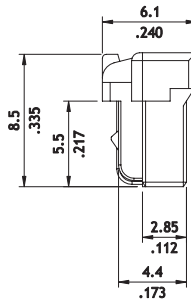
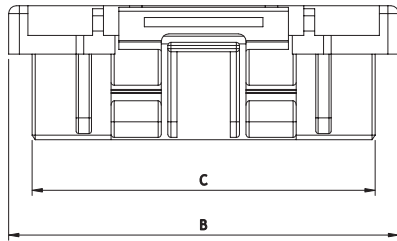


RoHS Compliant

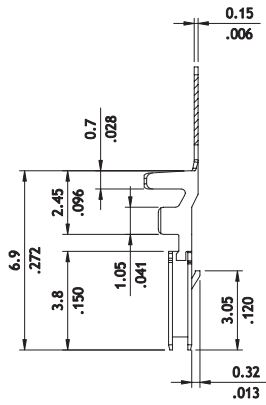
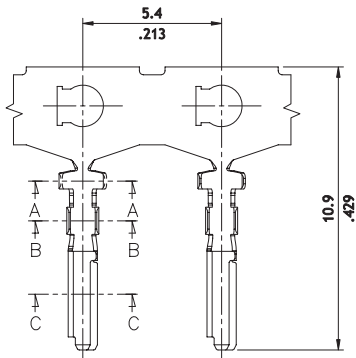
P/N: CIDW**S0000



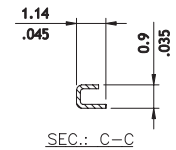
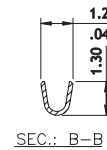
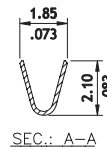
$A = 1.5 \times \text{No. of Spaces}$
 $B = A + 5.8$
 $C = A + 2.75$



P/N: CIDWT021PE0



Wire Range	Insulation Diameter
AWG #24~#28	1.28 MAX. (.050)



Ordering Code

① ② ③ ④
C I D W 1 0 S 0 0 0 0

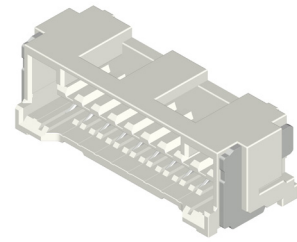
- ① Series No.
- ② No. of Circuits : 02~15
- ③ S = Housing
- ④ Other Options:
0000 = Color Nature

① ② ③ ④ ⑤
C I D W T 0 2 1 P E 0

- ① Series No.
- ② Type: T02 = AWG # 24 ~ # 28
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P =Phosphor Bronze
- ⑤ Plating method : E0 = Standard

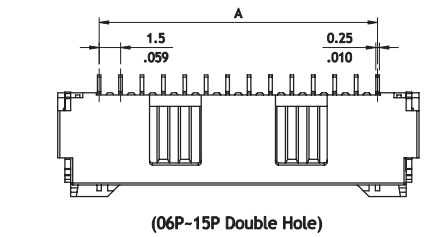
CIDW Series 1.50mm(.059") Wire to Board Connectors SMT Headers

- ⊙ Clik-Mate PCB receptacle positive lock
- ⊙ Mate with CIDW housing
- ⊙ Insulator : High temperature plastic UL 94V-0 , Color Nature
- ⊙ With tin plated

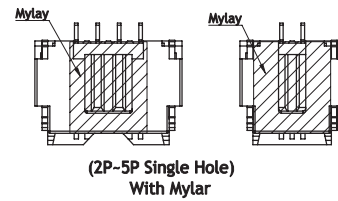
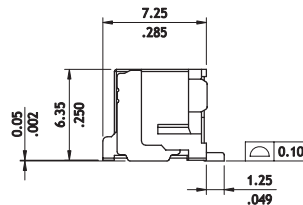
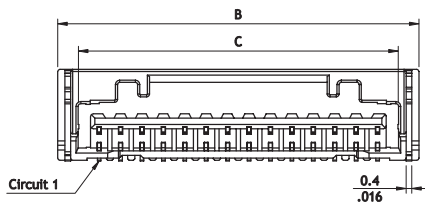
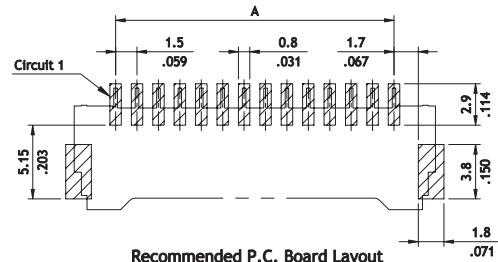


RoHS Compliant

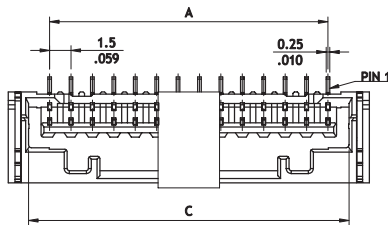
P/N: CIDW**M1HRO-LF



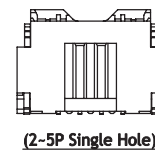
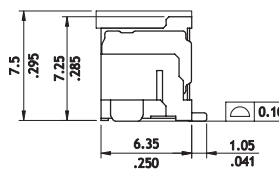
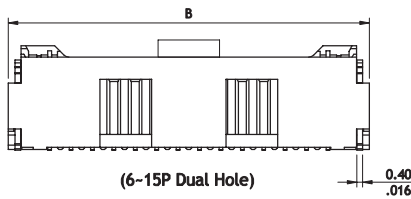
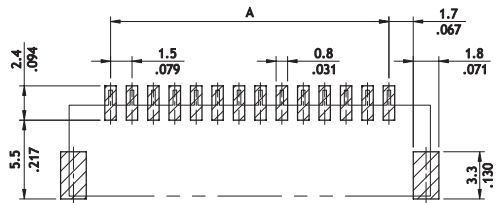
A = 1.50 x No. of Spaces
 B = A + 5.8
 C = A + 2.95



P/N: CIDW**M1VRO-LF



A = 1.50 x No. of Spaces
 B = A + 5.8
 C = A + 2.95



Ordering Code

① CIDW ② 15 ③ M ④ 1 ⑤ H ⑥ R0 - ⑦ LF

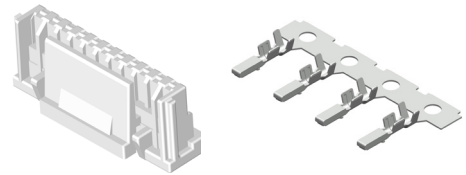
- ① Series No.
- ② No. of Circuits: 02~15
- ③ Contact Type : M =SMT
- ④ Plating Code : 1 = Matte Tin over Nickel
- ⑤ Type : H = Right angle , V = Straight Type
- ⑥ Packing Option : R0 = Tape & Reel
- ⑦ LF = For Lead Free soldering processes

CIEJ Series 1.00 mm(.059") Single Row Wire to Board Housing & Terminal

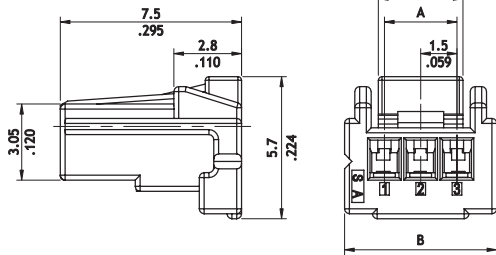
- ⊙ Locking latch provide secure mating
- ⊙ Mate with CIEJ Header
- ⊙ Insulator : PA9T Nylon UL 94 V-0 , Color Nature
- ⊙ Terminal : Tin plated Phosphor Bronze

NEW

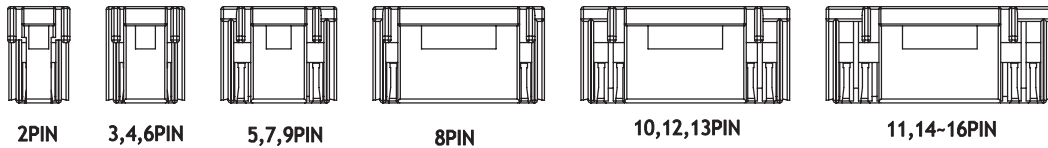
RoHS Compliant



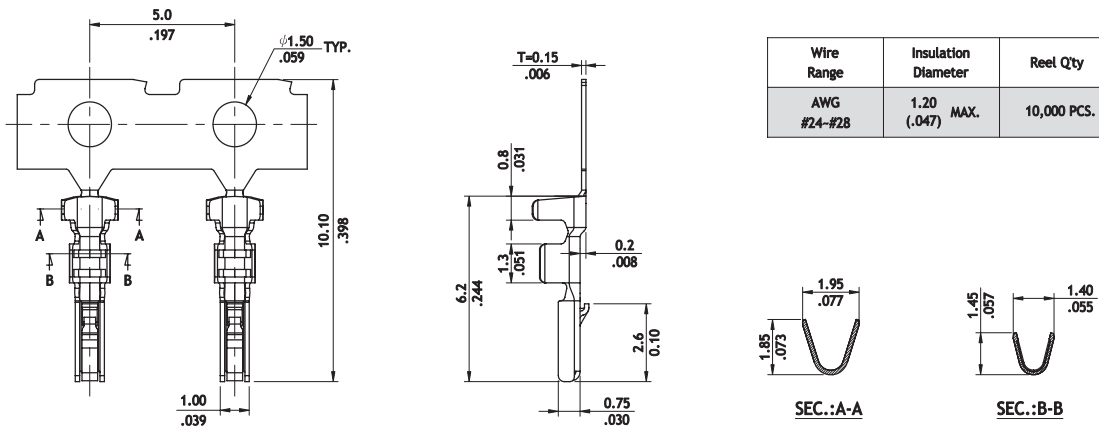
P/N: CIEJ**SL000



Circuits	Dimension			Circuits	Dimension		
	A	B	C		A	B	C
2	1.50(.059)	5.00(.197)	2.70(.106)	10	13.50(.531)	16.80(.661)	9.80(.386)
3	3.00(.118)	6.30(.248)	3.50(.138)	11	15.00(.591)	18.30(.720)	9.80(.386)
4	4.50(.177)	7.80(.307)	4.50(.177)	12	16.50(.650)	19.80(.780)	9.80(.386)
5	6.00(.236)	9.30(.366)	4.50(.177)	13	18.00(.709)	21.30(.839)	11.30(.445)
6	7.50(.295)	10.80(.425)	7.50(.295)	14	19.50(.768)	22.80(.898)	11.30(.445)
7	9.00(.354)	12.30(.484)	7.50(.295)	15	21.00(.827)	24.30(.957)	11.30(.445)
8	10.50(.413)	13.80(.543)	9.80(.386)	16	22.50(.886)	25.80(.1016)	11.30(.445)
9	12.00(.472)	15.30(.602)	9.80(.386)				



P/N: CIEJT021PP0



Ordering Code

① C I E J ② 04 ③ S ④ L ⑤ 000

- ① Series No.
- ② No. of Circuits: 02~09
- ③ S = Receptacle
- ④ L = With Locking Latch
- ⑤ Option : 000 = Standard (Color Nature)

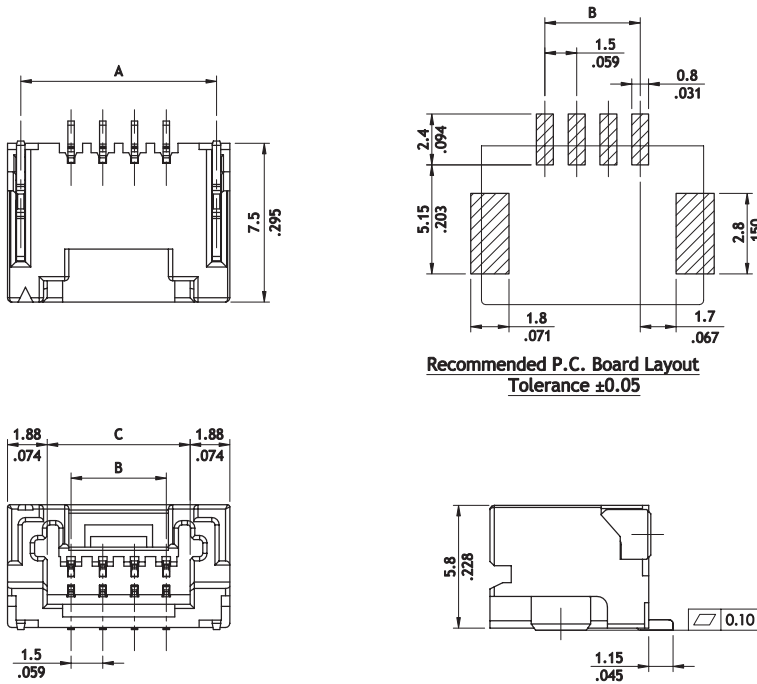
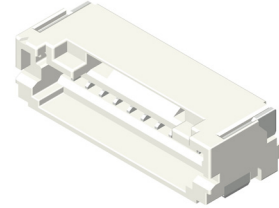
① C I E J ② T02 ③ 1 ④ P ⑤ P0

- ① Series No.
- ② Type : T02= AWG #24~#28
- ③ Plating Code: 1 = Matte Tin over Nickel
- ④ Material : P = Phosphor Bronze
- ⑤ Option : P0 = Standard

CIEJ Series 1.00 mm(.059") Single Row Wire to Board SMT Header

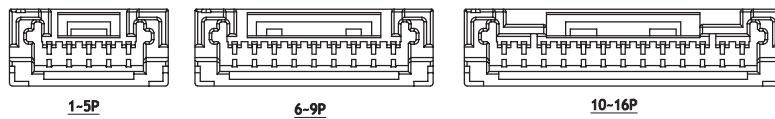
- ⊙ Locking slots provide secure mating
- ⊙ Fix tab PCB hold-down strain-relief for SMT tail
- ⊙ Mate with CIEJ Housing
- ⊙ Insulator : PA9T Nylon UL 94 V-0 , Color Nature

NEW



Recommended P.C. Board Layout
Tolerance ±0.05

Circuits	Dimensions		
	A	B	C
2P	6.25(.246)	1.50(.059)	3.75(.148)
3P	7.75(.305)	3.00(.118)	5.25(.207)
4P	9.25(.364)	4.50(.177)	6.75(.266)
5P	10.75(.423)	6.00(.236)	8.25(.325)
6P	12.25(.482)	7.50(.295)	9.75(.384)
7P	13.75(.541)	9.00(.354)	11.25(.443)
8P	15.25(.600)	10.50(.413)	12.75(.502)
9P	16.75(.659)	12.00(.472)	14.25(.561)
10P	18.25(.719)	13.50(.531)	15.75(.620)
11P	19.75(.778)	15.00(.591)	17.25(.679)
12P	21.25(.837)	16.50(.650)	18.75(.738)
13P	22.75(.896)	18.00(.709)	20.25(.797)
14P	24.25(.955)	19.50(.768)	21.75(.856)
15P	25.75(1.013)	21.00(.828)	23.25(.915)
16P	27.25(1.073)	22.50(.886)	24.75(.974)



Ordering Code

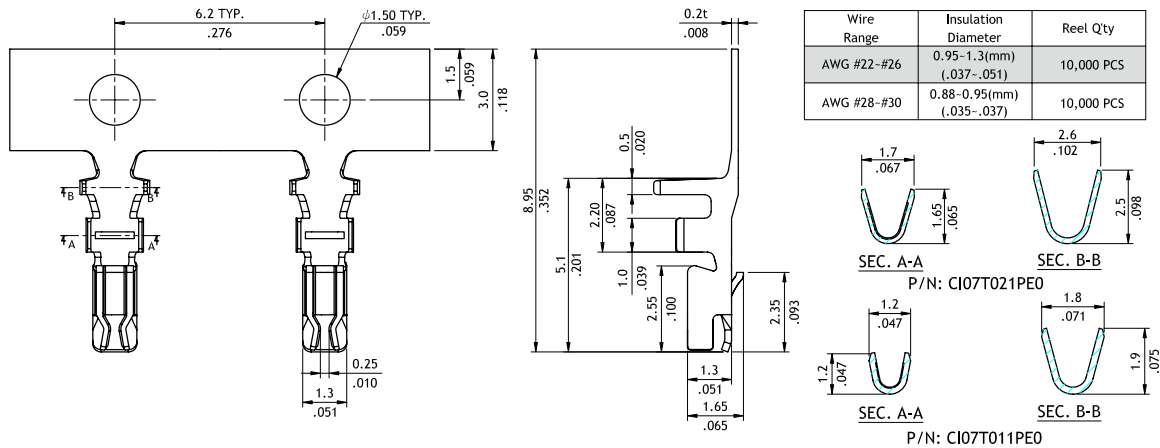
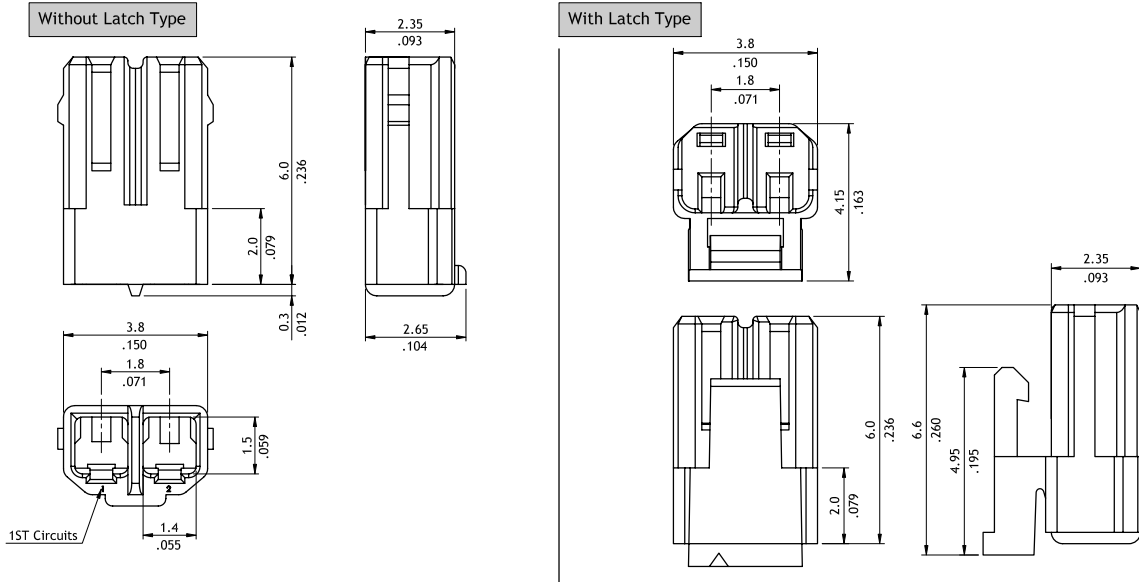
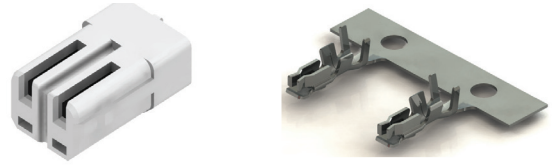
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
C I E J 0 2 M 1 H R 0 - N H

- ① Series No.
- ② No. of Circuits: 2~16
- ③ M = SMT Type Header
- ④ Plating Code: 1 = Tin over Nickel
- ⑤ Type : H = Side Entry
- ⑥ Packing Option : R=Tape & Reel packing
- ⑦ Options: 0 = Standard
- ⑧ NH = For Lead Free soldering process and Halogen-Free

CI07 Series 1.80mm(.071") Wire to Board Connectors Housing & Terminal

- ⊙ Mate with CI07 Header
- ⊙ Can be used with CI07 Crimp Clip Terminal
- ⊙ Insulator: Nylon66 UL 94V-0, Color Nature

RoHS Compliant



Ordering Code

① C ② I07 ③ 02 ④ S ⑤ L000 - NH

- ① Series No.
- ② No. of Circuits: 02
- ③ S = Housing
- ④ Other Options:
0000 = Without Locking Latch
L000 = With Locking Latch
- ⑤ NH = For Lead Free and Halogen-Free

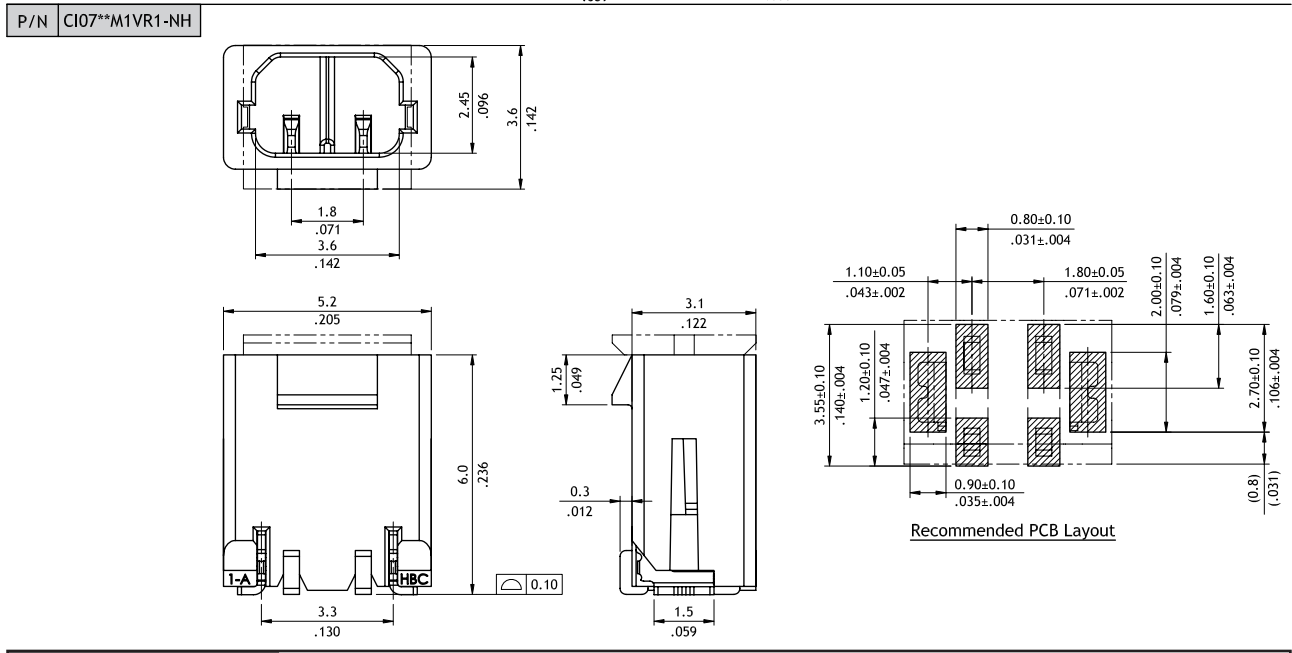
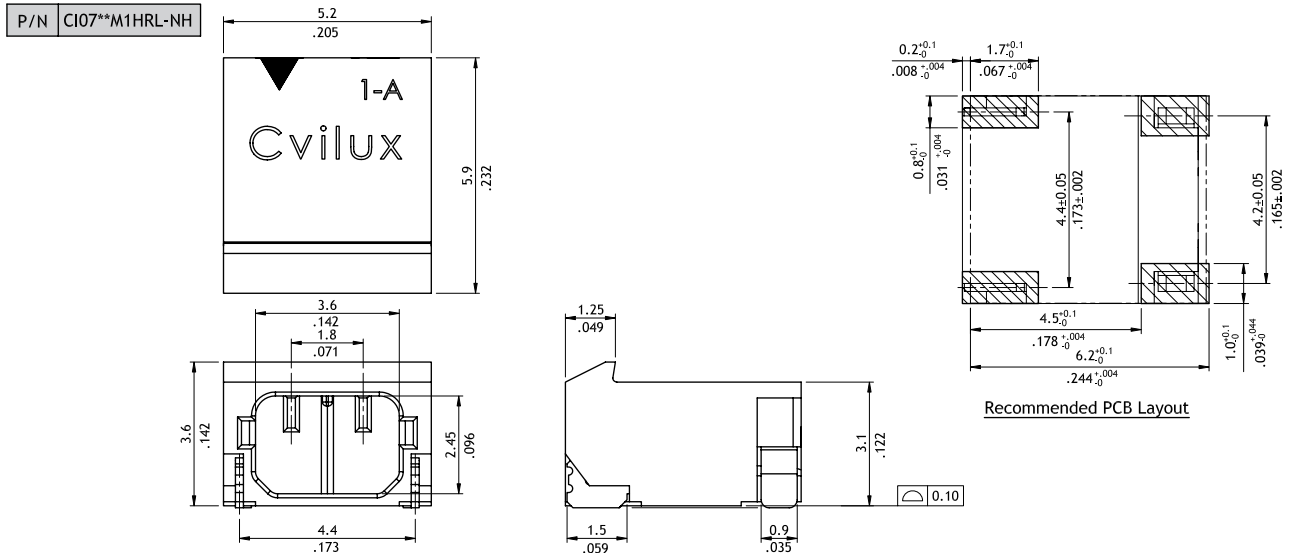
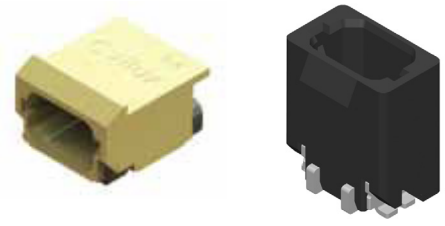
① CI07 ② T02 ③ 1 ④ P ⑤ E ⑥ P

- ① Series No.
- ② Type : T01 = AWG #28 ~ #30
T02 = AWG #22 ~ #26
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Plating method: E=Pre-tinned
- ⑥ Options: 0 = Standard

CI07 Series 1.80mm(.071") Wire to Board Connectors SMT Headers

- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mate with CI07 Housing
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature

RoHS Compliant   



Ordering Code

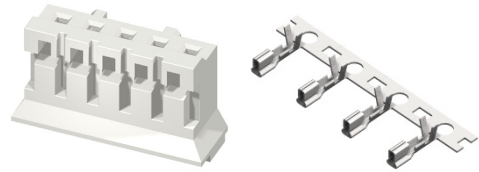
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CI07 02 M 1 H R L - NH

- ① Series No.
- ② No. of Circuits: 02
- ③ M = SMT Type
- ④ Plating Code : 1 = Matte Tin over Nickel

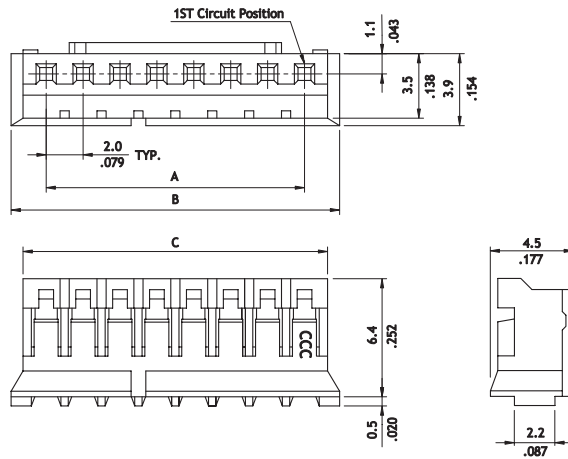
- ⑤ Type: H = Side Entry
V = Top Entry
- ⑥ Packing Options: R = Tape & Reel
- ⑦ Other Options:
L = With Locking Ramp,color Nature(Side entry type)
I = With Locking Ramp,color Black (Top entry type)
- ⑧ NH = For Lead Free IR process and Halogen-Free

CI01 Series 2.00mm(.079") Single Row Wire to Board Housing & Terminal Connector

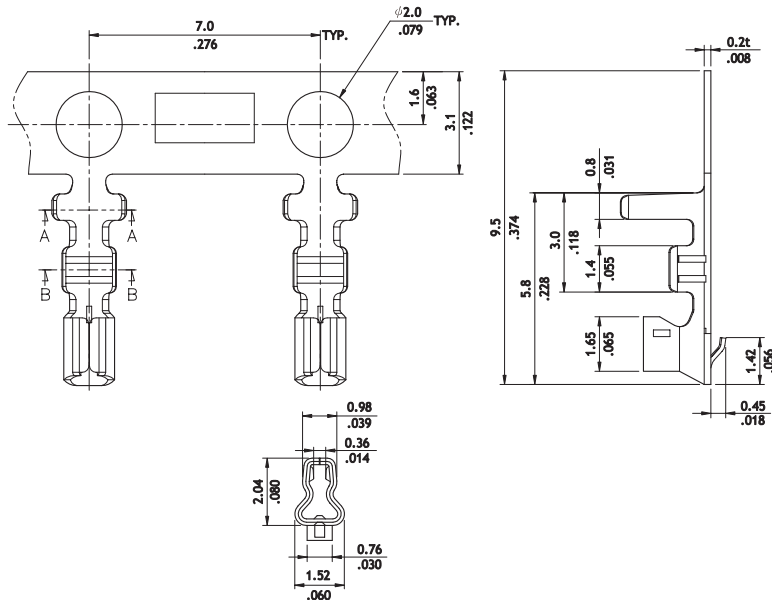
- ⊙ Low profile Latch Housing
- ⊙ Mate with CI01 Header
- ⊙ Can be used CI01 Crimp Clip Terminal
- ⊙ Insulator : Nylon 66 UL 94V-0 , Color Nature
- ⊙ Termial : Tin plated Phosphor Bronze



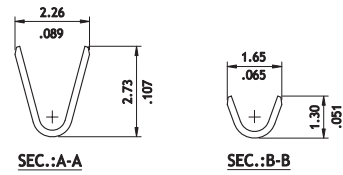
RoHS Compliant



A = 2.0 x No. of Spaces
 B = A + 3.8
 C = A + 2.5



Wire Range	Insulation Diameter	Reel Qty
AWG #24-#30	1.45 (.057) MAX.	10,000 PCS.



Ordering Code

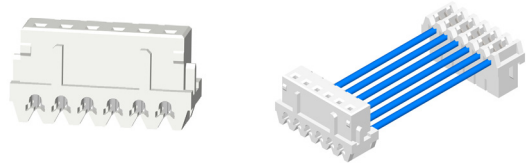
① C I 01 ② 16 ③ S ④ 0 0 0 0

- ① Series No.
- ② No. of Circuits: 02 ~ 16
- ③ S = Housing
- ④ Other Options: 0000 = Standard

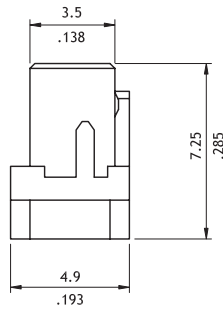
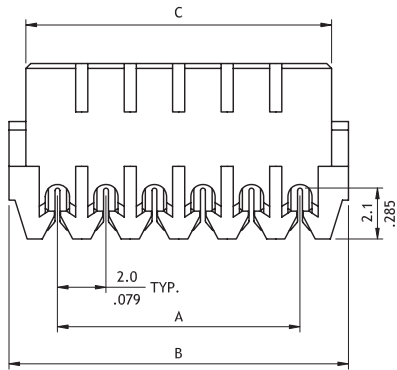
① C I 01 ② T 01 ③ 1 ④ P ⑤ E 0

- ① Series No.
- ② Type: T01 =AWG#24~#28
- ③ Plating : 1= Tin over Nickel
- ④ Material: P =Phosphor Bronze
- ⑤ Other Option: E0=Standard

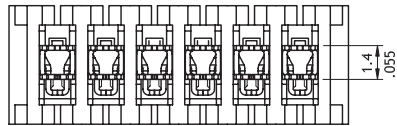
CI01 Series 2.00mm(.079") Single Row IDC Housing and IDC Cable



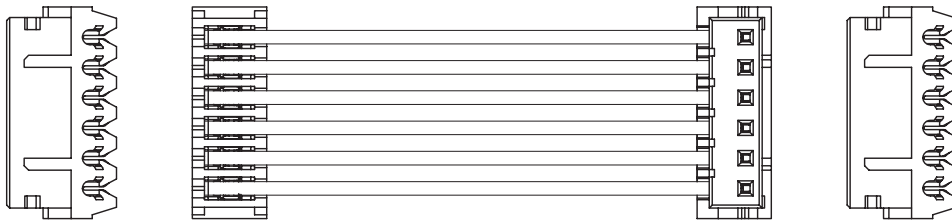
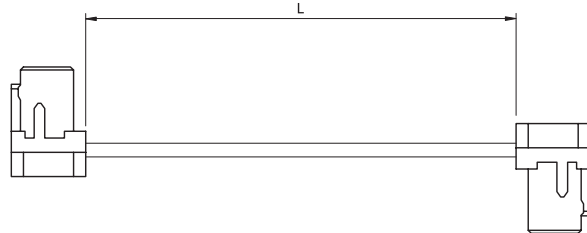
P/N CI01**S1A*0



Wire Range	Insulation Diameter
AWG #26-#28	1.0 (.039) MAX.



A = 2.0 x No. of Spaces
 B = A + 4.0
 C = A + 2.6



Ordering Code

① C ② I ③ 0 ④ 1 ⑤ S ⑥ 1 A ⑦ 0 ⑧ 0

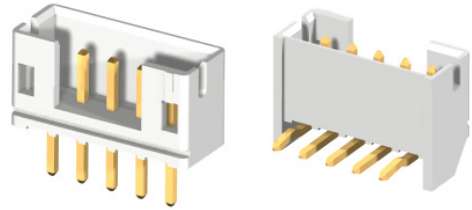
- ① Series No.
- ② No. of Circuits: 02~16
- ③ S = IDC Type
- ④ Plating Code: 1= Tin over Nickel
- ⑤ Color: A0 = Nature(#26)
A6 = Green(#28)
- ⑥ Options: 0 = Standard

① Q ② H ③ - ④ 0 ⑤ 1 ⑥ I ⑦ 1 ⑧ 2 ⑨ 0 ⑩ 1 ⑪ 0 ⑫ 0 ⑬ 0 ⑭ 0 ⑮ 0

- ① Series No.
- ② No. of Circuits: 02~16
- ③ L = Length : 40~1000 mm(0100=100 mm)
- ④ Wire Color : 00 = All pin counts of White Color
01 = All pin counts of Black Color
02 = All pin counts of Brown Color
- ⑤ Other Options: 0 = Standard

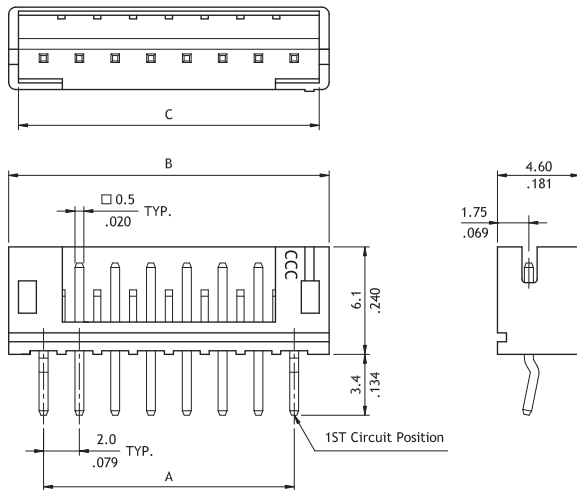
CI01 Series 2.00mm(.079") Single Row Wire to Board DIP Headers

- ⊙ Low profile, Pin kinked
- ⊙ With locking slots
- ⊙ Mate with CI01 Housing
- ⊙ Insulator : High temperature plastic UL 94V-0,Color Nature
- ⊙ With Tin plated 0.5mm square pin



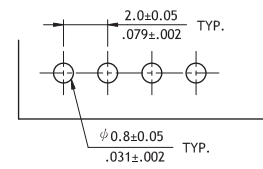
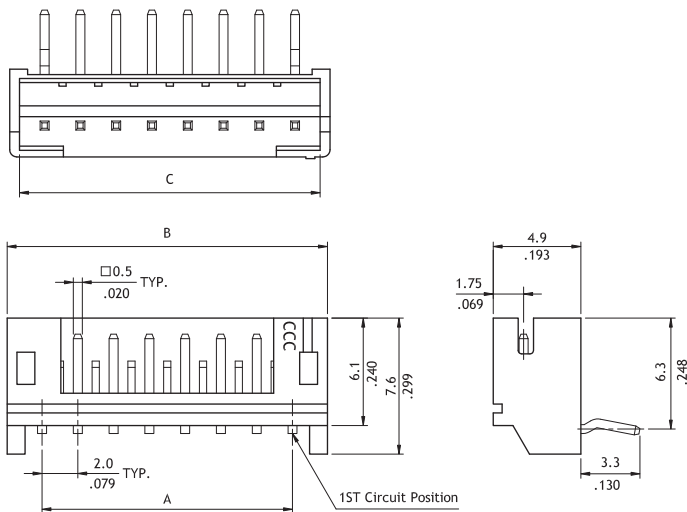
RoHS Compliant

Top entry



Circuits	Dimension		
	A	B	C
2	2.0(.079)	6.0(.236)	4.9(.193)
3	4.0(.157)	8.0(.315)	6.9(.272)
4	6.0(.236)	10.0(.394)	8.9(.350)
5	8.0(.315)	12.0(.472)	10.9(.429)
6	10.0(.394)	14.0(.551)	12.9(.508)
7	12.0(.472)	16.0(.630)	14.9(.587)
8	14.0(.551)	18.0(.709)	16.9(.665)
9	16.0(.630)	20.0(.787)	18.9(.744)
10	18.0(.709)	22.0(.866)	20.9(.823)
11	20.0(.787)	24.0(.945)	22.9(.902)
12	22.0(.866)	26.0(1.024)	24.9(.980)
13	24.0(.945)	28.0(1.102)	26.9(1.059)
14	26.0(1.024)	30.0(1.181)	28.9(1.138)
15	28.0(1.102)	32.0(1.260)	30.9(1.217)
16	30.0(1.181)	34.0(1.338)	32.9(1.295)

Side entry



Recommended PCB Layout

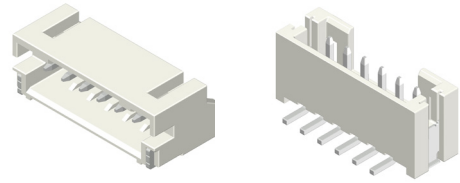
Ordering Code

① CI ② 01 ③ 16 ④ P ⑤ 1 ⑥ V ⑦ K0 - NH

- ① Series No.
- ② No. of Circuits: 02 ~ 16
- ③ P = DIP Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: V = Top entry
H = Side entry
- ⑥ Other Options:
00 = Without Pin Kinked
K0 = With Pin Kinked (Standard)
*Special options consult manufacturer
- ⑦ NH = For Lead Free soldering process and Halogen-Free

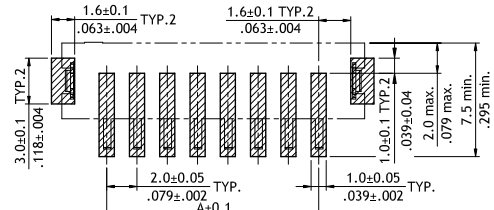
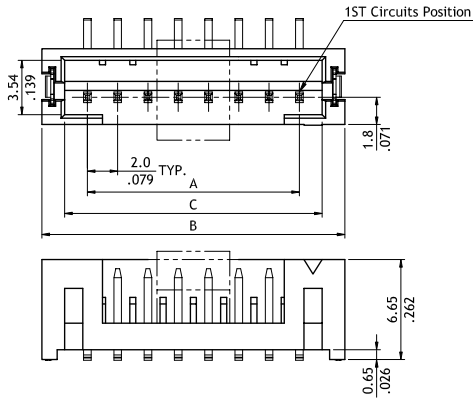
CI01 Series 2.00mm(.079") Single Row Wire to Board SMT Headers

- ⊙ Polarization and Low-profile
- ⊙ Locking slots provide secure mating
- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Mate with CI01 Housing
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ Termianl: Tin plated Brass



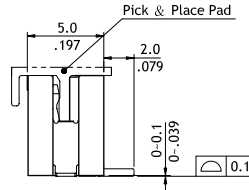
RoHS Compliant

Top entry

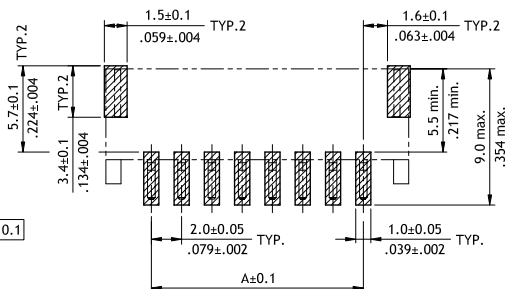
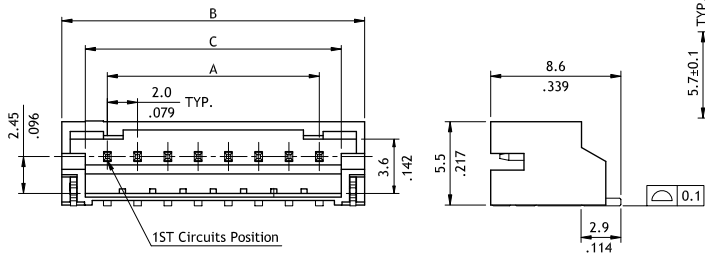


Recommended P.C. Board Layout

Circuits	Dimension		
	A	B	C
2	2.0(.079)	8.0(.315)	5.0(.197)
3	4.0(.157)	10.0(.394)	7.0(.276)
4	6.0(.236)	12.0(.472)	9.0(.354)
5	8.0(.315)	14.0(.551)	11.0(.433)
6	10.0(.394)	16.0(.630)	13.0(.512)
7	12.0(.472)	18.0(.709)	15.0(.591)
8	14.0(.551)	20.0(.787)	17.0(.669)
9	16.0(.630)	22.0(.866)	19.0(.748)
10	18.0(.709)	24.0(.945)	21.0(.827)
11	20.0(.787)	26.0(1.024)	23.0(.906)
12	22.0(.866)	28.0(1.102)	25.0(.984)
13	24.0(.945)	30.0(1.181)	27.0(1.063)
14	26.0(1.024)	32.0(1.260)	29.0(1.142)
15	28.0(1.102)	34.0(1.339)	31.0(1.220)
16	30.0(1.181)	36.0(1.417)	33.0(1.299)



Side entry



Recommended P.C. Board Layout

Ordering Code

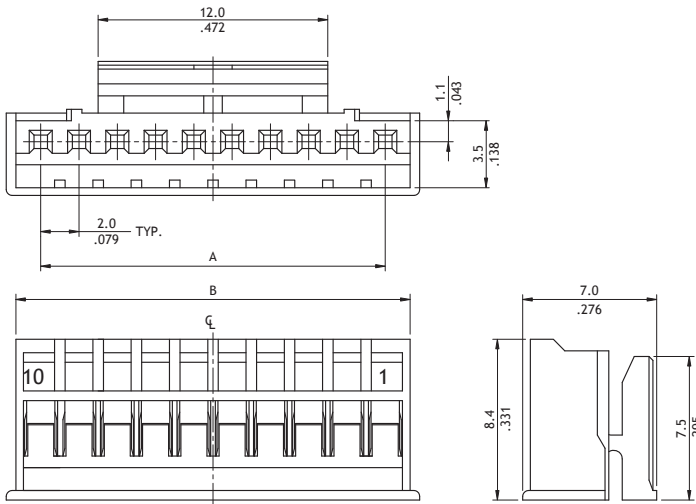
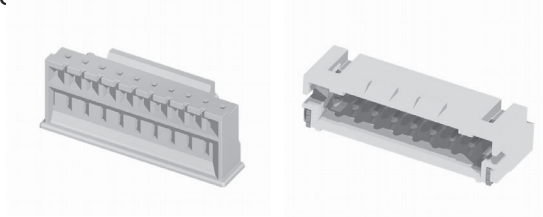
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CI01 15 M 1 V R 0 - NH

- ① Series No.
- ② No. of Circuits: Top Entry: 02 ~ 15
Side Entry: 02 ~ 16
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type : V = Top Entry
H = Side Entry

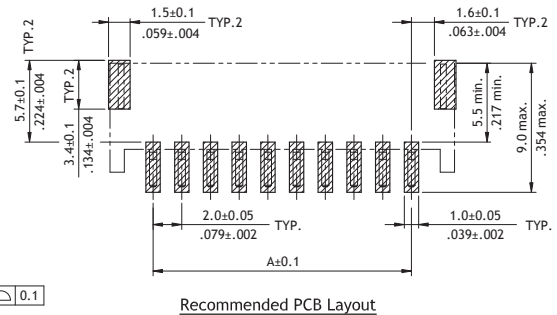
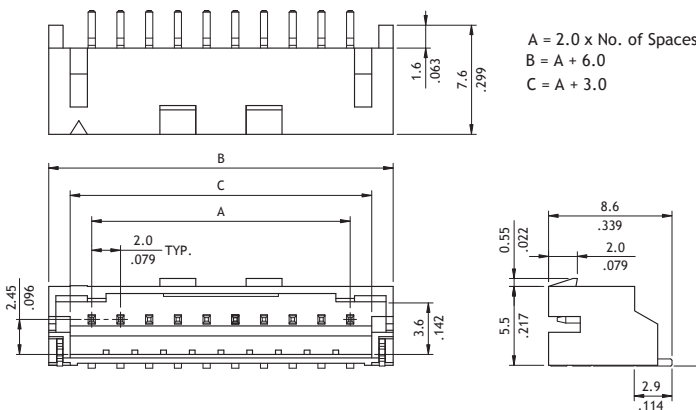
- ⑥ Packing Options:
T = Tube
R = Tape & Reel
(Top Entry type with pick & place Pad)
- ⑦ Other Options: 0 = Standard
Z = Special Insulation Material
*Special options consult manufacturer
- ⑧ NH = For Lead Free IR process and Halogen-Free

CI01 Series 2.00mm(.079") Single Row Wire to Board Housing & SMT Header

- ⊙ With locking latch provide secure mating
- ⊙ Fixed tabs provide PCB hold-down
- ⊙ Insulator: High temperature plastic UL 94V-0 , Color Nature
- ⊙ Housing: Mate with CI06 terminal (P/N: CI06T011PE0)



Circuits	Dimension	
	A	B
10	18.0(.709)	20.6(.811)
12	22.0(.866)	24.6(.969)
14	26.0(1.024)	28.6(1.126)
16	30.0(1.181)	32.6(1.283)

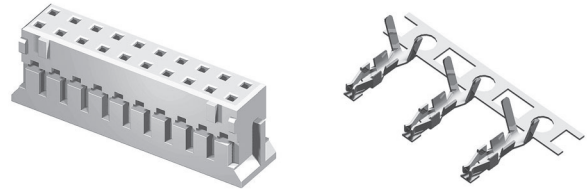


Ordering Code

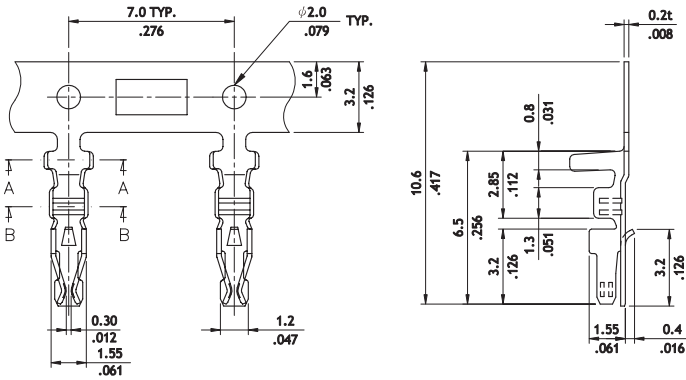
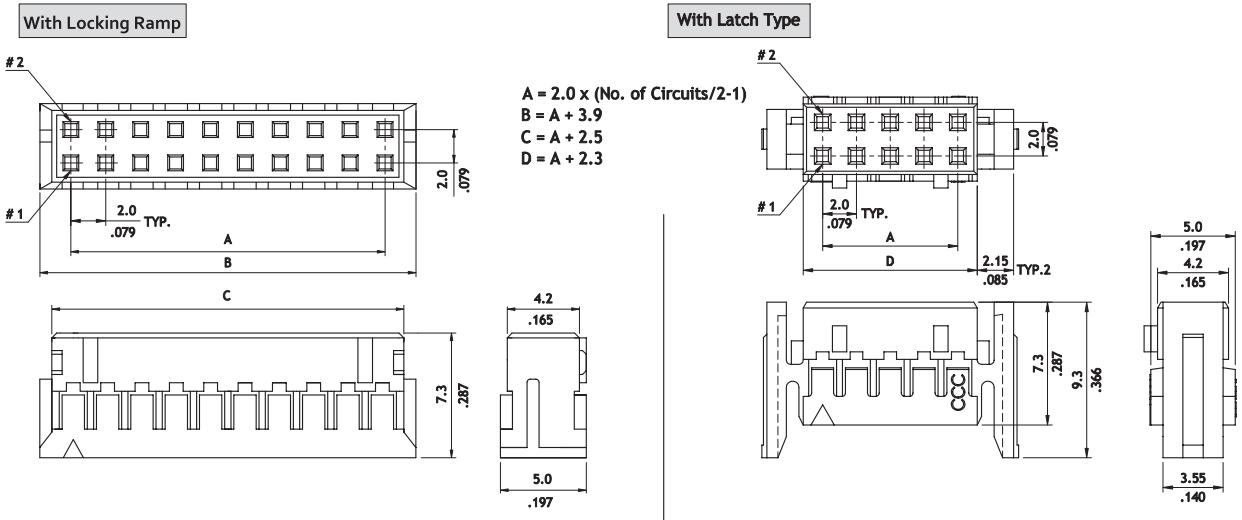
①	②	③	④	⑤	①	②	③	④	⑤	⑥	⑦	⑧	
C	I	0	1	6	S	0	0	L	0	C	I	0	1
① Series No. ② No. of Circuits: 10, 12, 14, 16 ③ S = Housing ④ Latch Options: 00L = With Locking Latch ⑤ Other Options: 0 = Standard (Color Nature) *Special options consult manufacturer					① Series No. ② No. of Circuits: 10, 12, 14, 16 ③ M = SMT Type ④ Plating Code: 1 = Matte Tin over Nickel ⑤ Type: H = Side Entry ⑥ Packing Options: R = Tape & Reel ; T = Tube ⑦ Other Options: L = With Locking Latch ⑧ NH = For Lead Free soldering process and Halogen-Free								

CI01 Series 2.00mm(.079") Dual Row Wire to Board Housing & Terminal

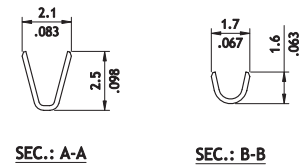
- ⊙ Low profile latch with housing
- ⊙ Mate with CI01, CH71, CH72, CH74, CH75 header
- ⊙ Can be used with CI01 crimp clip terminal (P/N: CI01TD21PE0)
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature



CI



Wire Range	Insulation Diameter	Reel Qty
AWG #22-#28	1.60 (.063) MAX.	10,000 PCS.



Ordering Code

① C ② I 0 1 ③ 1 6 ④ S ⑤ D 0 0 0

- ① Series No.
 - ② No. of Circuits: 06 ~ 34
 - ③ S = Housing
 - ④ D0 = Dual Row Type
 - ⑤ Other Options: 00 = With Locking Ramp
L0 = With Locking Latch
- *Special options consult manufacturer

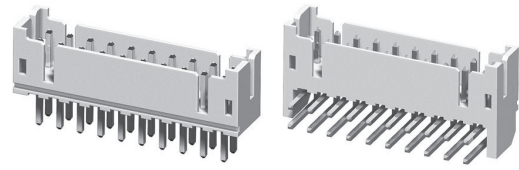
① C ② I 0 1 ③ T D 2 ④ 1 ⑤ P E 0

- ① Series No.
- ② Type: TD2 = AWG #22 ~ #28
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

WIRE TO BOARD CONNECTORS

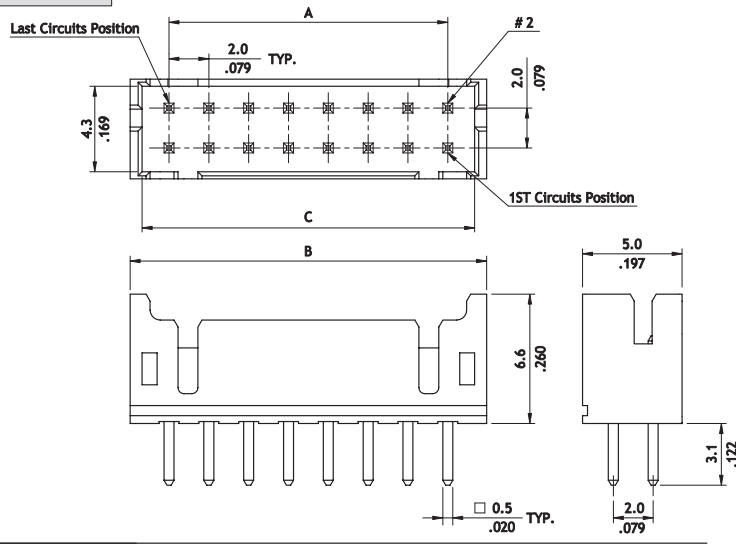
CI01 Series 2.00mm(.079") Dual Row Wire to Board Connectors DIP Headers

- ⊙ With locking slots
- ⊙ Mate with CI01 Dual Row Housing
- ⊙ Insulator: High temperature plastic UL 94V-0,Color Nature
- ⊙ With Tin plated 0.5mm square pin

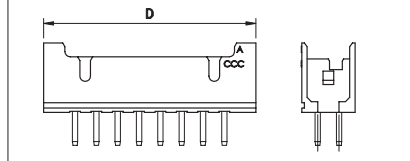


RoHS Compliant

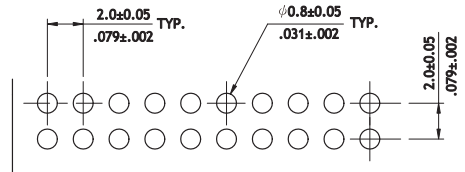
Straight Type



With Latch Type

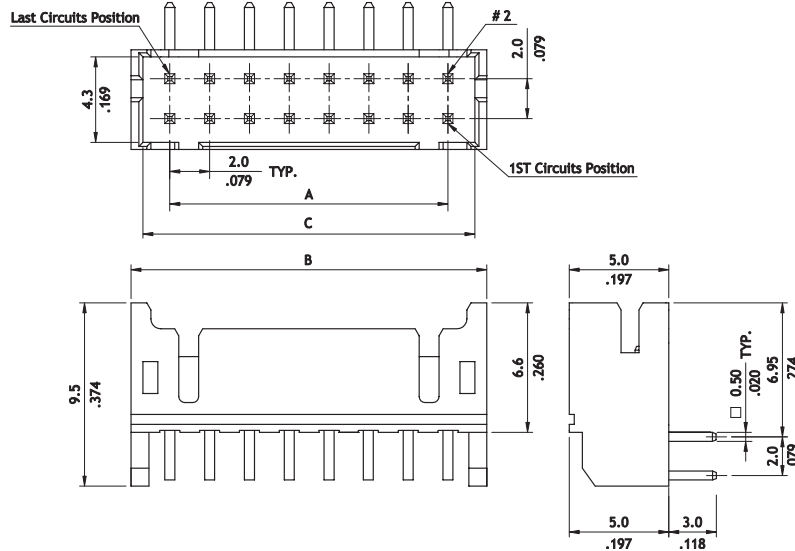


A = 2.0 x No. of Spaces
 B = A + 3.9
 C = A + 2.7
 D = A + 5.9

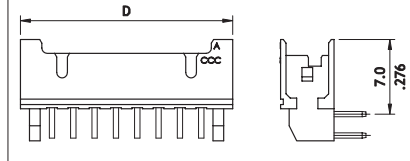


Recommended P.C. Board Layout

Right angle Type



With Latch Type



Ordering Code

① CI01 ② 34 ③ P ④ 1 ⑤ V ⑥ D ⑦ 0 ⑧ -NH

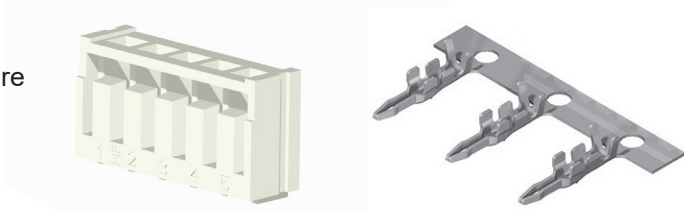
- ① Series No.
- ② No. of Circuits: 06 ~ 34
- ③ P = DIP Type
- ④ Plating Code: 1=Matte Tin over Nickel
- ⑤ Type: V=Straight
H=Right Angle

- ⑥ D=Dual Row Header
- ⑦ Other Options: 0 = With Locking Slot
L = With Locking Ramp
- ⑧ NH = For Lead Free soldering process and Halogen-Free
*Special options consult manufacturer

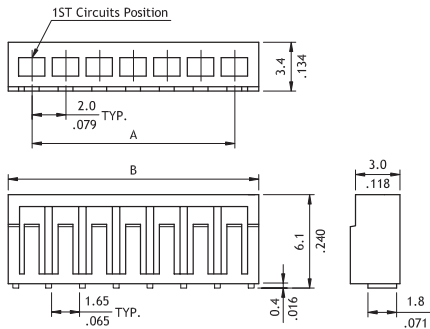
CI02 Series 2.00mm(.079") Board In Connectors

- ⊙ Low profile Housing
- ⊙ Mate with CI02 Crimp board Terminal
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated Copper alloy

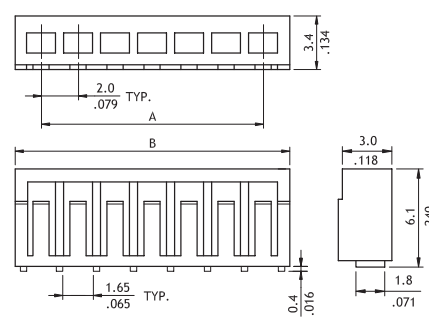
RoHS Compliant  



P/N CI02**S0000

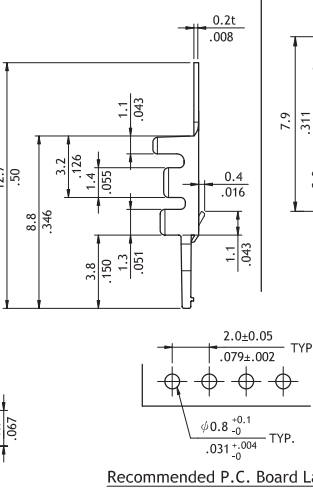
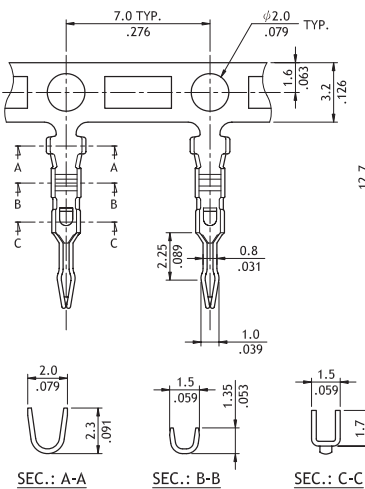


P/N CI02**S000H

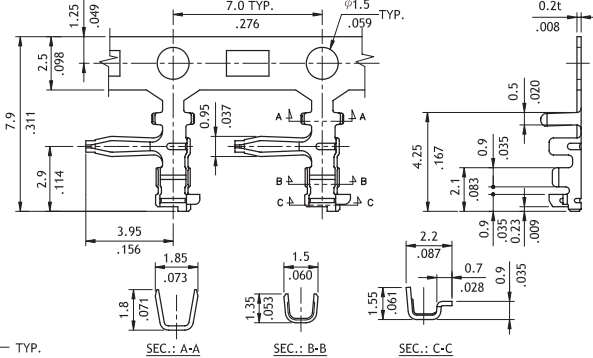


Circuits	Dimension	
	A	B
2	2.0(.079)	5.2(.205)
3	4.0(.157)	7.2(.283)
4	6.0(.236)	9.2(.362)
5	8.0(.315)	11.2(.441)
6	10.0(.394)	13.2(.520)
7	12.0(.472)	15.2(.598)
8	14.0(.551)	17.2(.677)
9	16.0(.630)	19.2(.756)
10	18.0(.709)	21.2(.835)
11	20.0(.787)	23.2(.913)
12	22.0(.866)	25.2(.992)
13	24.0(.945)	27.2(1.071)
14	26.0(1.024)	29.2(1.150)
15	28.0(1.102)	31.2(1.228)
16	30.0(1.181)	33.2(1.307)

P/N CI02T011*E0



P/N CI02T021*E0



Part No.	Wire Range	Insulation Diameter	Reel Qty
CI02T011*E0	AWG #24-#28	1.40 (.055) MAX.	10,000 PCS.
CI02T021*EH	AWG #24-#28	1.45 (.057) MAX.	15,000 PCS.

Recommended P.C. Board Layout

Ordering Code

① ② ③ ④
C I 0 2 2 0 S 0 0 0 0 - A

- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ S = Housing
- ④ Other Options:
 0000-A = For Straight Terminal
 000H-A = For Right Angle Terminal
 *Special options consult manufacturer

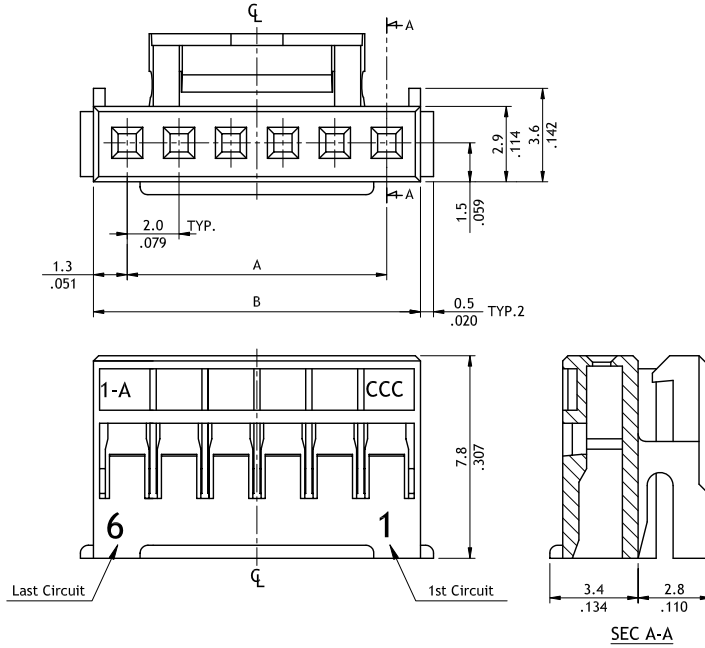
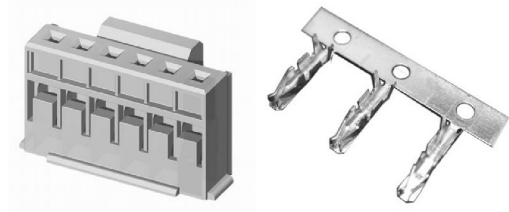
① ② ③ ④ ⑤
C I 0 2 T 0 2 1 P P 0

- ① Series No.
- ② Type: T02 = AWG #24 ~ #28 (Straight)
 T02 = AWG #26 ~ #28 (Right Angle)
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze ; B = Brass
- ⑤ Terminal Style: P0 = Straight
 PH = Right Angle

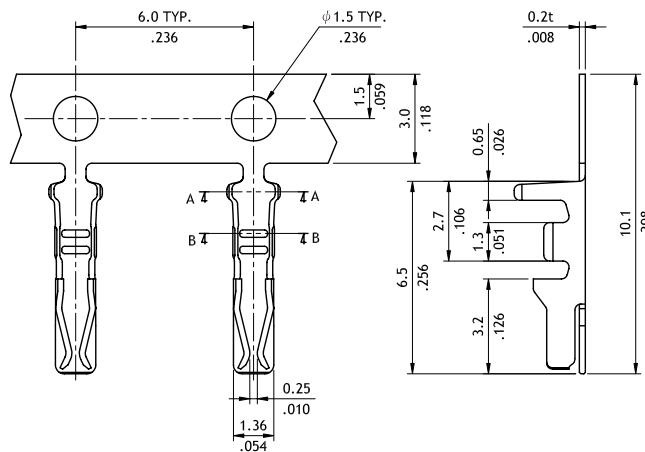
CI06 Series 2.00mm(.079") Wire to Board Connectors Housing & Terminal

- ⊙ With locking latch provides secure mating
- ⊙ Mate with CI06 Header
- ⊙ Can be used with CI06 Crimp Clip Terminal
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature

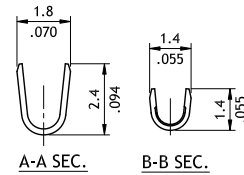
RoHS Compliant



Circuits	Dimension	
	A	B
2	2.0(.079)	4.6(.181)
3	4.0(.157)	6.6(.260)
4	6.0(.236)	8.6(.339)
5	8.0(.315)	10.6(.417)
6	10.0(.394)	12.6(.496)
7	12.0(.472)	14.6(.575)
8	14.0(.551)	16.6(.654)
9	16.0(.630)	18.6(.732)
10	18.0(.709)	20.6(.811)
11	20.0(.787)	22.6(.890)
12	22.0(.866)	24.6(.969)
13	24.0(.945)	26.6(1.047)
14	26.0(1.024)	28.6(1.126)
15	28.0(1.102)	30.6(1.205)
16	30.0(1.181)	32.6(1.283)



Wire Range	Insulation Diameter	Reel Qty
AWG #24-#30	0.80 Min. (.031) 1.45 MAX. (.057)	10,000 PCS.



Ordering Code

① C I 0 6 ② 1 6 ③ S ④ 0 0 0 0

① C I 0 6 ② T 0 1 ③ 1 ④ P ⑤ E 0

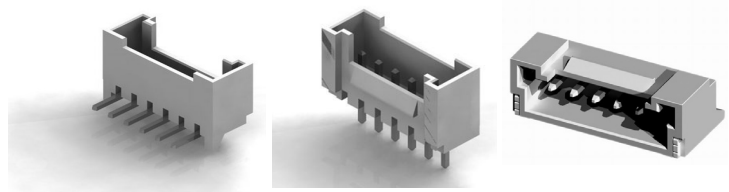
- ① Series No.
 - ② No. of Circuits: 02 ~ 16
 - ③ S = Housing
 - ④ Other Options: 0000 = Standard
- *Special options consult manufacturer

- ① Series No.
- ② Type: T01 = AWG #24 ~ #30
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

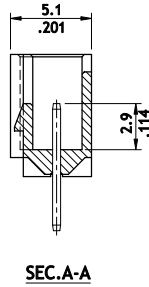
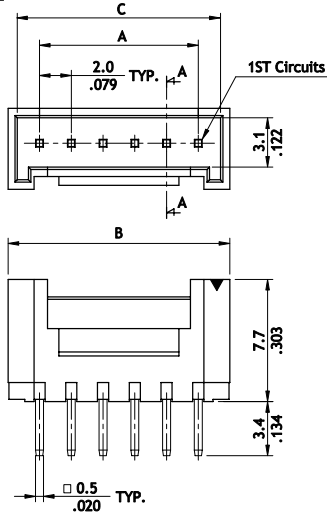
CI06 Series 2.00mm(.079") Wire to Board Connectors DIP & SMT Headers

- With locks provide secure mating
- Mate with CI06 housing
- Insulator: High temperature plastic UL 94V-0 , Color Nature
- With Tin plated 0.5mm square pin

RoHS Compliant  

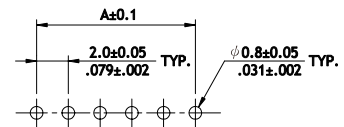
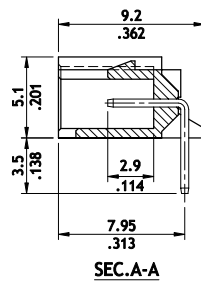
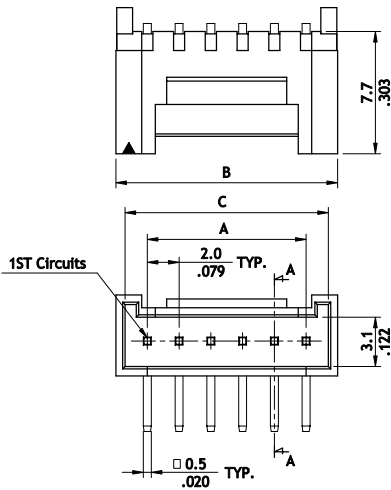


Straight Type



Circuits	Dimension		
	A	B	C
2	2.0(.079)	5.96(.235)	4.8(.189)
3	4.0(.157)	7.96(.313)	6.8(.268)
4	6.0(.236)	9.96(.392)	8.8(.346)
5	8.0(.315)	11.96(.471)	10.8(.425)
6	10.0(.394)	13.96(.550)	12.8(.504)
7	12.0(.472)	15.96(.628)	14.8(.583)
8	14.0(.551)	17.96(.707)	16.8(.661)
9	16.0(.630)	19.96(.786)	18.8(.740)
10	18.0(.709)	21.96(.865)	20.8(.819)
11	20.0(.787)	23.96(.943)	22.8(.898)
12	22.0(.866)	25.96(1.022)	24.8(.976)
13	24.0(.945)	27.96(1.101)	26.8(1.055)
14	26.0(1.024)	29.96(1.180)	28.8(1.134)
15	28.0(1.102)	31.96(1.258)	30.8(1.213)
16	30.0(1.181)	33.96(1.337)	32.8(1.291)

Right angle Type



Recommended P.C. Board Layout

Ordering Code

① CI06 ② 16 ③ P ④ 1 ⑤ V ⑥ 00 - ⑦ NH

- ① Series No.
 - ② No. of Circuits: 02 ~ 16
 - ③ P = DIP Type
 - ④ Plating Code: 1 = Matte Tin over Nickel
 - ⑤ Type: V = Straight ; H = Right Angle
 - ⑥ Other Options: 00 = Standard
 - ⑦ NH = For Lead Free soldering process and Halogen-Free
- *Special options consult manufacturer

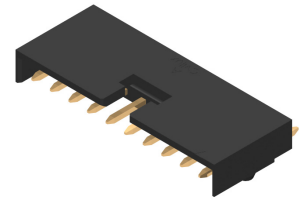
① CI06 ② 16 ③ M ④ 1 ⑤ H ⑥ R ⑦ 0 - ⑧ NH

- ① Series No.
- ② No. of Circuits: 02 ~ 16
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: H = Side Entry
- ⑥ Packing: R = Tape & Reel ; T = Tube
- ⑦ Other Options: 0 = Standard
- ⑧ NH = For Lead Free soldering process and Halogen-Free

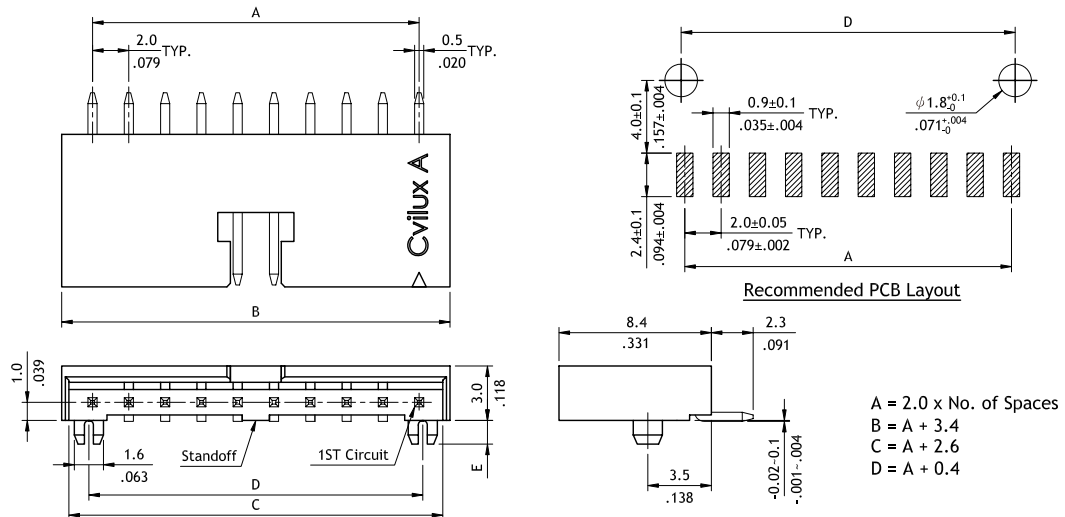
CI08 Series 2.00mm(.079") Wire to Board Connectors SMT & DIP Headers

- ⊙ 3.0mm above the board
- ⊙ Insulation: High temperature plastic UL 94V-0, Color Black
- ⊙ With metal fixed tabs to secure connector in place

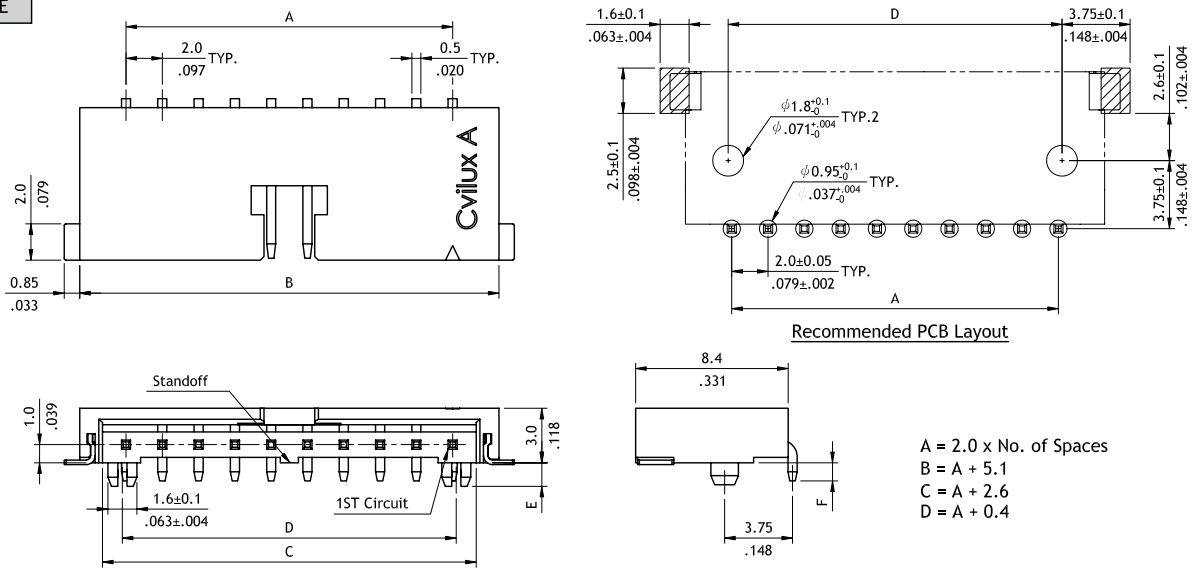
RoHS Compliant



SMT TYPE



DIP TYPE



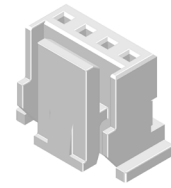
Ordering Code

① CI08 ② 17 ③ P ④ 1 ⑤ H R ⑦ 0 - ⑧ NH

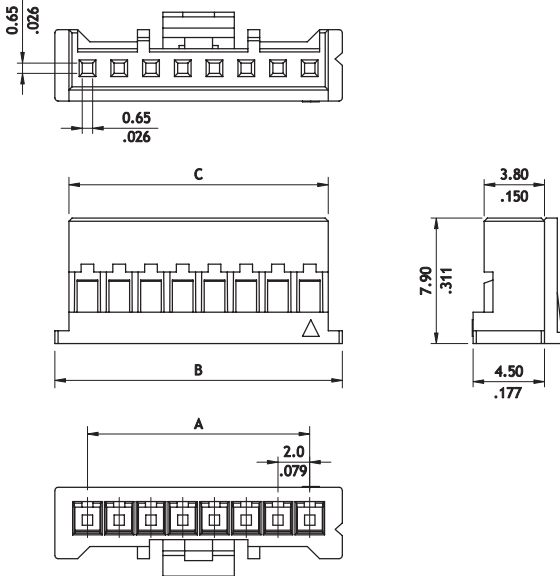
- ① Series No.
- ② No. of Circuits: 03 ~ 17
- ③ P= DIP Type
M= SMT Type
- ④ Plating Code: 1= Matte Tin over Nickel
2=Gold flash over Nickel
- ⑤ Type: H=Side Entry
- ⑥ Packing Option: R=Tape &Reel
- ⑦ Other Options :
SMT Type
0: DIM.E=0.9 1: DIM.E=1.0
DIP Type
0: DIM.E=0.9 DIM.F=1.0
1: DIM.E=0.9 DIM.F=1.2
2: DIM.E=1.3 DIM.F=1.0
4: DIM.E=1.3 DIM.F=1.2
- ⑧ NH=For Lead Free Soldering Process and Halogen-Free

CI10 Series 2.00mm(.079") Wire to Board Connectors Housing & Terminal

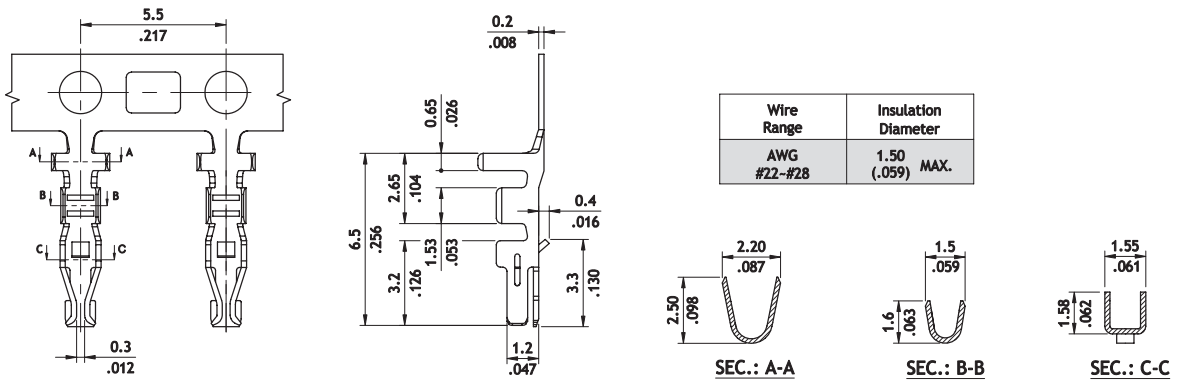
- ⊙ Low profile Housing
- ⊙ Mate with CI01 Crimp board Terminal
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated Copper alloy



RoHS Compliant  



Circuits No.	Dimensions		
	A	B	C
02	2.00(.079)	6.10(.240)	4.34(.171)
03	4.00(.157)	8.10(.319)	6.34(.250)
04	6.00(.236)	10.10(.398)	8.34(.328)
05	8.00(.315)	12.10(.476)	10.34(.407)
06	10.00(.394)	14.10(.555)	12.34(.486)
07	12.00(.472)	16.10(.634)	14.34(.565)
08	14.00(.551)	18.10(.713)	16.34(.643)
09	16.00(.630)	20.10(.791)	18.34(.722)
10	18.00(.709)	22.10(.870)	20.34(.801)
11	20.00(.787)	24.10(.949)	22.34(.880)
12	22.00(.866)	26.10(1.028)	24.34(.958)
13	24.00(.945)	28.10(1.106)	26.34(1.037)
14	26.00(1.024)	30.10(1.185)	28.34(1.116)
15	28.00(1.102)	32.10(1.264)	30.34(1.194)
16	30.00(1.181)	34.10(1.343)	32.34(1.273)



Ordering Code

① CI10 ② 02 ③ S ④ L00A

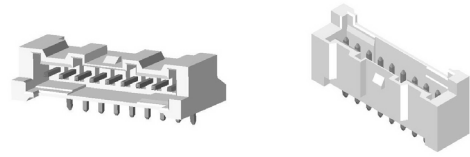
① CI10 ② T02 ③ 1 ④ P ⑤ EA

- ① Series No.
- ② No. of Circuits: 02~06 , 10 , 12 , 15 , 16
*see above table
- ③ S= Connector Housing
- ④ Other Option : L00A =Locking Latch (Standard)

- ① Series No.
- ② Type: T02 = AWG #22~#28
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material : P=Phosphor Bronze
- ⑤ Option : EA = Standard

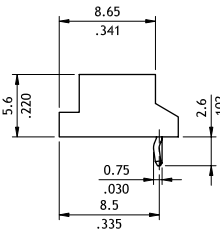
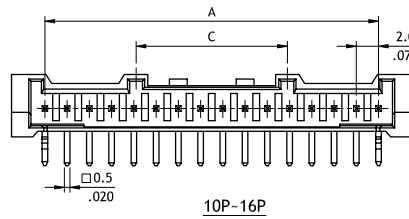
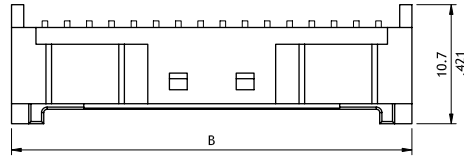
C110 Series 2.00mm(.079") Single Row Wire to Board Connectors DIP & SMT Headers

- ⊙ Low profile , Pin kinked
- ⊙ With locks provide secure mating
- ⊙ Insulator: Nylon UL 94V-0 , Color Nature
- ⊙ Termanal : Tin plated 0.5mm square pin

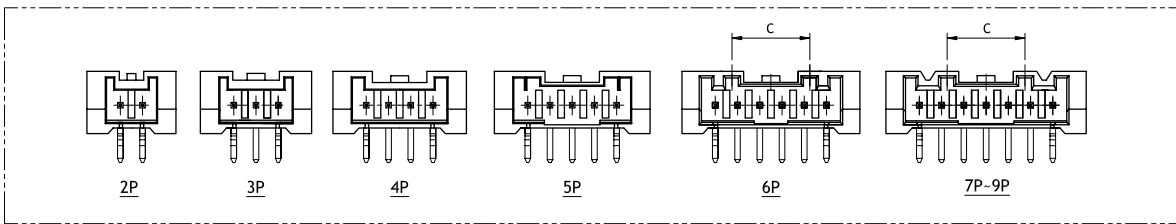


RoHS Compliant

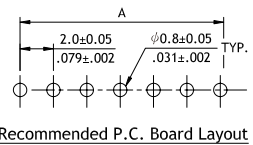
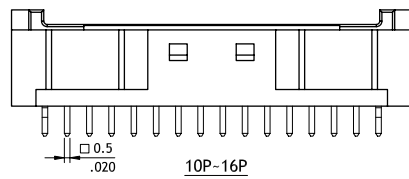
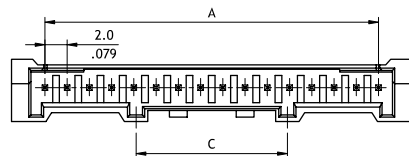
P/N C110**P*HK0



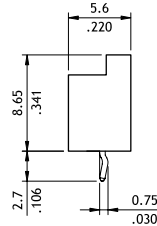
Circuits	Dimension		
	A	B	C
2	2.00(.079)	8.0(.315)
3	4.00(.157)	10.0(.394)	
4	6.00(.236)	12.0(.472)	
5	8.00(.315)	14.0(.551)	
6	10.00(.394)	16.0(.630)	
7	12.00(.472)	18.0(.709)	7.00(.276)
8	14.00(.551)	20.0(.787)	13.60(.535)
9	16.00(.630)	22.0(.866)	
10	18.00(.709)	24.0(.945)	
11	20.00(.787)	26.0(1.024)	
12	22.00(.866)	28.0(1.102)	
13	24.00(.945)	30.0(1.181)	
14	26.00(1.024)	32.0(1.260)	
15	28.00(1.102)	34.0(1.339)	
16	30.00(1.181)	36.0(1.417)	



P/N C110**P*VK0



Recommended P.C. Board Layout



Ordering Code

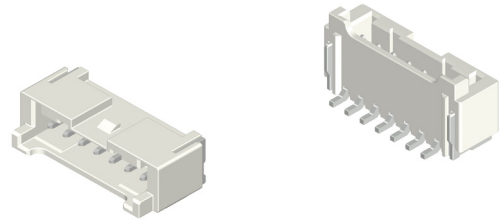
① ② ③ ④ ⑤ ⑥
C I 1 0 0 2 P 2 H K 0

- ① Series No.
- ② No. of Circuits : 02~16
- ③ Contact type: P = Pin Header

- ④ Plating Code:
 M=Matte Tin over Nickel
 2= Gold flash over Nickel
- ⑤ Type: H = Right Angle
 V = Straight type
- ⑥ Other Option : K0 = With Pin Kinked

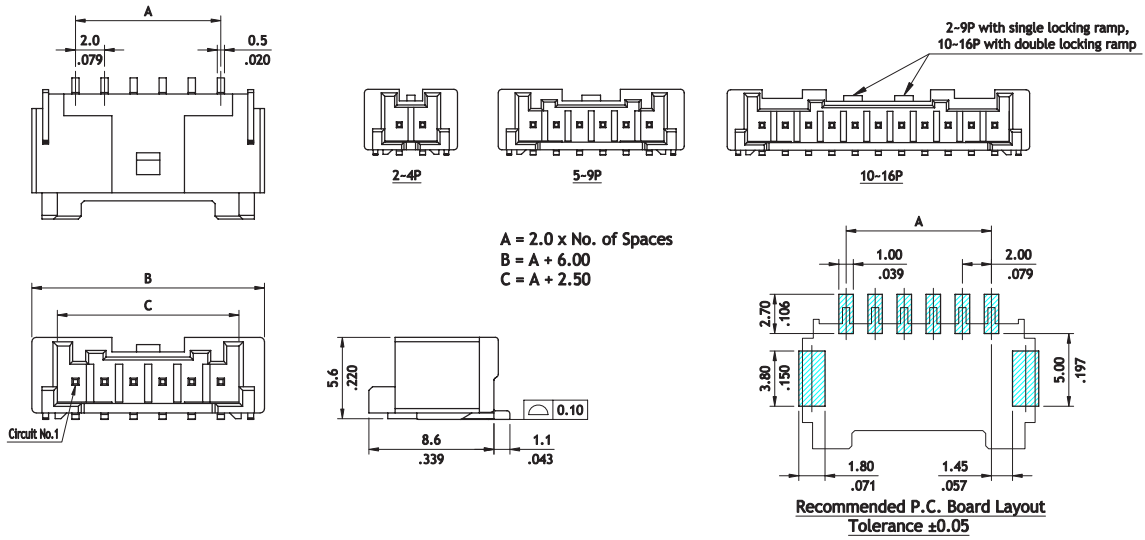
CI10 Series 2.00mm(.079") Wire to Board Connectors DIP & SMT Headers

- With locks provide secure mating
- Insulator: High temperature plastic UL 94V-0 , Color Nature

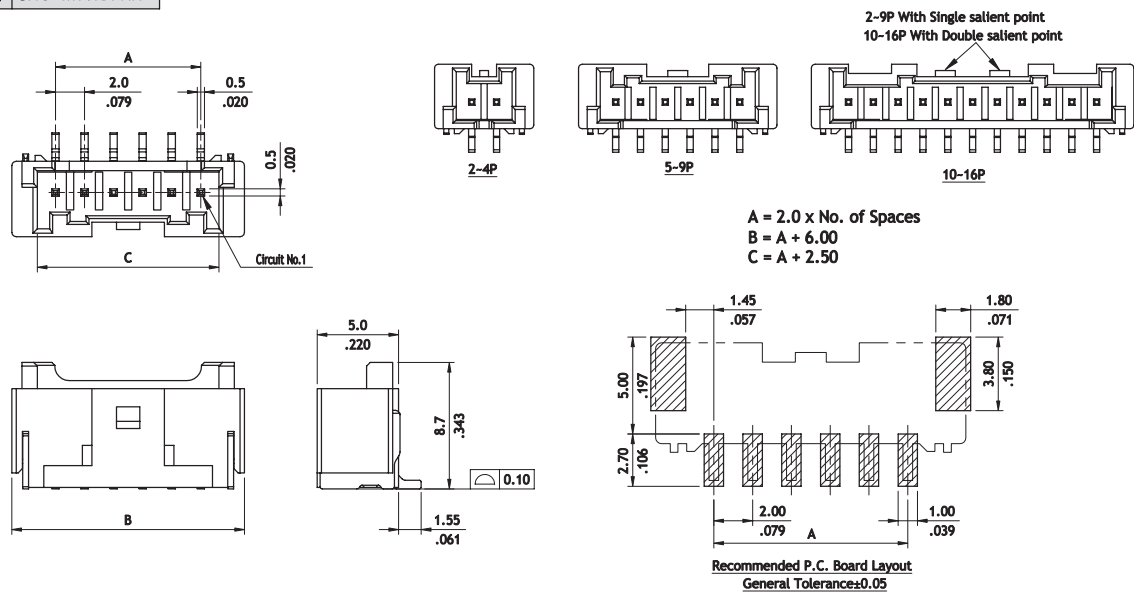


RoHS Compliant  

P/N CI10**M1HRA-NH



P/N CI10**M1VRA-NH



Ordering Code

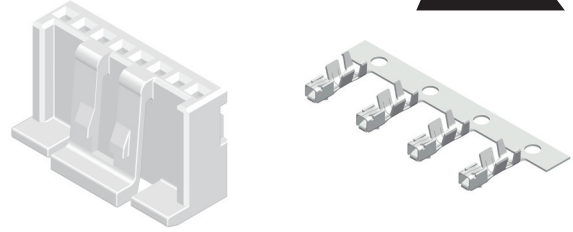
① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CI10 02 M 1 H R A - NH

- ① Series No.
- ② No. of Circuits: 02~06 , 10 , 12 , 15
- ③ Contact type: M = SMT type header
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: H = Right Angle , V = Straight type
- ⑥ Packing Option : R = Tape & Reel
- ⑦ Other Options:A= Without Mylar
- ⑧ NH = For Lead Free soldering process and Halogen-Free

CIDX Series 2.00mm(.079") Single Row Wire to Board Housing & Terminal

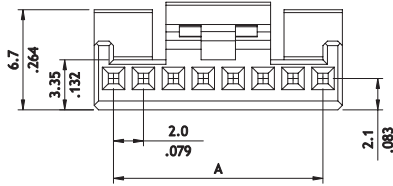
- ⊙ Low profile with locking ribs
- ⊙ Mate with CIDX header
- ⊙ Terminal accommodated AWG#20~#22
- ⊙ Insulator : Glass filled polyester UL 94V-0 , Color B
- ⊙ Terminal : Tin plated Phosphor Bronze

NEW

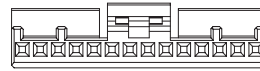


RoHS Compliant

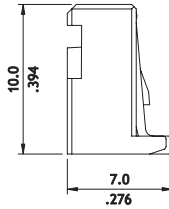
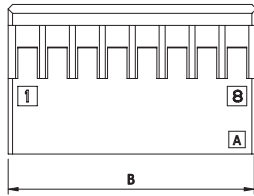
P/N: CIDX**S0010



(2PIN-4PIN)

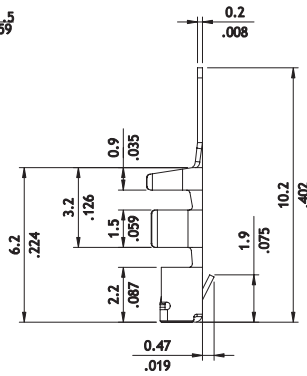
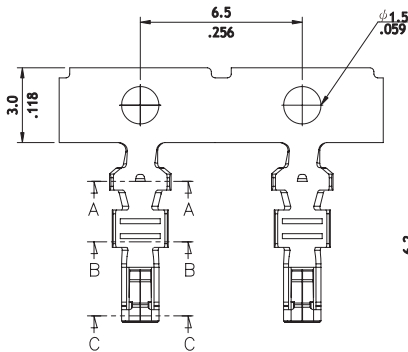


(14PIN)

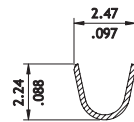


Circuits	Dimension	
	A	B
2	2.00(.079)	7.00(.276)
3	4.00(.157)	7.90(.311)
4	6.00(.236)	8.60(.339)
5	8.00(.315)	12.00(.472)
6	10.00(.394)	12.60(.496)
7	12.00(.472)	15.60(.614)
8	14.00(.551)	16.60(.654)
10	18.00(.709)	20.60(.811)
14	26.00(1.024)	28.40(1.118)

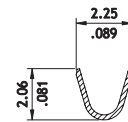
P/N: CIDXT031PP0



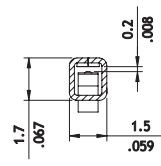
Wire Range	Insulation Diameter
AWG #20~#22	1.50 MAX. (.059)



SEC.: A-A



SEC.: B-B



SEC.: C-C

Ordering Code

① ② ③ ④
C I D X 0 2 S 0 0 1 0

- ① Series No.
- ② No. of Circuits: 02~08 , 10 , 14
- ③ S = Housing
- ④ Other Options:
0010 = Color Black

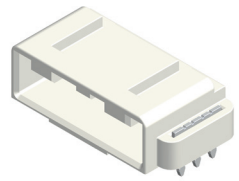
① ② ③ ④ ⑤
C I D X T 0 3 1 P P 0

- ① Series No.
- ② Type: T02 = AWG # 20 ~ # 22
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P =Phosphor Bronze
- ⑤ Other Options: P0 = Standard

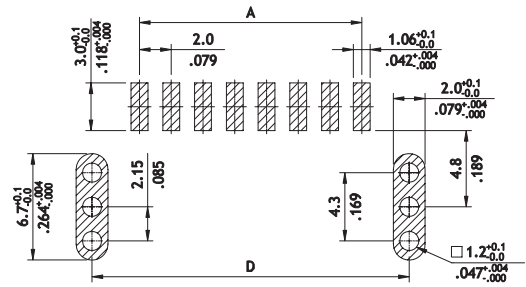
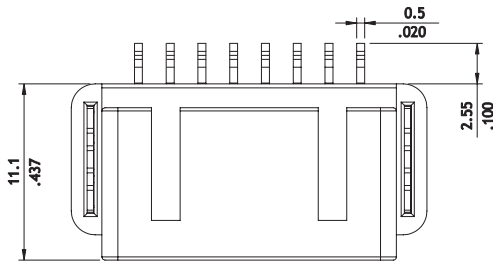
CIDX Series 2.00mm(.079") Wire to Board Connectors SMT Headers

- ⊙ With Locking Slot
- ⊙ Mate with CIDX Housing
- ⊙ Insulator : High temperature plastic UL 94V- 0 , Color Nature
- ⊙ With Tin Plated , Brass

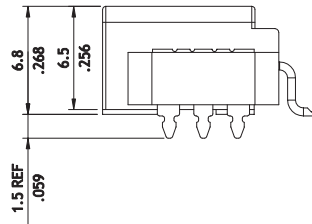
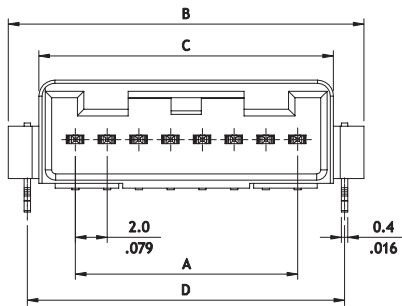
NEW



RoHS Compliant



Recommended P.C. Board Layout
General Tolerance±0.05



Circuits	Dimension			
	A	B	C	D
2	2.00(.079)	12.90(.508)	9.05(.356)	10.58(.417)
3	4.00(.157)	13.70(.539)	9.85(.388)	11.28(.444)
4	6.00(.236)	14.40(.567)	10.55(.415)	11.98(.472)
5	8.00(.315)	17.80(.701)	13.95(.549)	15.38(.606)
6	10.00(.394)	18.40(.724)	14.55(.573)	15.98(.629)
7	12.00(.472)	21.40(.843)	17.55(.691)	18.98(.747)
8	14.00(.551)	22.40(.882)	18.55(.730)	19.98(.787)
10	18.00(.709)	26.40(1.039)	22.55(.888)	23.98(.944)
14	26.00(1.024)	36.40(1.433)	30.25(1.203)	31.78(1.251)

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
C I D X 0 2 M 1 H R 0 - L F

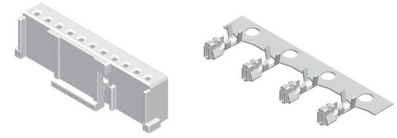
- ① Series No.
- ② No. of Circuits: 02~08 , 10 , 14
- ③ Contact type : M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: H = Right Angle
- ⑥ Other Options: R0 = Reel Packing
- ⑦ LF = For Lead Free IR Reflow Process

WIRE TO BOARD CONNECTORS

CIDY Series 2.00mm(.079") Single Row Wire to Board Housing & Terminal

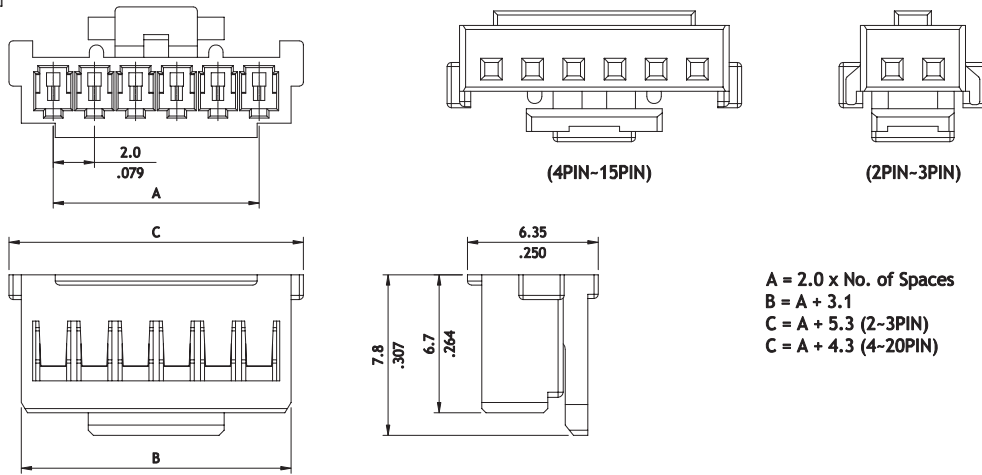
- ⊙ With locking latch provide secure mating
- ⊙ Mate with CIDY header
- ⊙ Can be used CIDY crimp clip terminal
- ⊙ Insulator : Nylon 66 UL 94V-0 , Color Nature
- ⊙ Terminal : Tin plated Phosphor Bronze

NEW



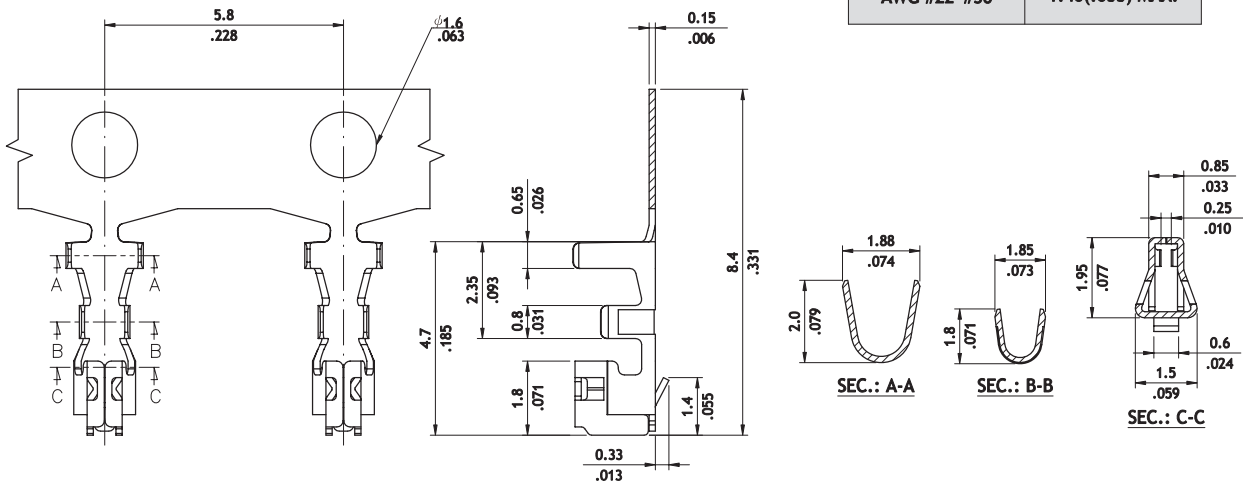
RoHS Compliant

P/N: CIDY**S0000



P/N: CIDYT021PP0

Wire Range	Insulation Diameter
AWG #22-#30	1.40(.055) MAX.



Ordering Code

①	②	③	④	①	②	③	④	⑤
C	I	D	Y	C	I	D	T	0
0	2	S	0	2	1	P	P	0
0	0	0	0	0	0	0	0	0

① Series No.

② No. of Circuits: 02~15

③ S = Housing

④ Other Options: 0000 = Color Nature

① Series No.

② Type: T02 = AWG # 22 ~ # 30

③ Plating Code: 1 = Tin over Nickel

④ Material: P =Phosphor Bronze

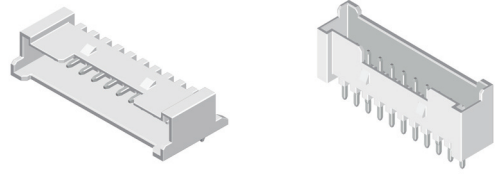
⑤ Other Options: P0 = Standard

CIDY Series 2.00mm(.079") Wire to Board Connectors DIP Headers

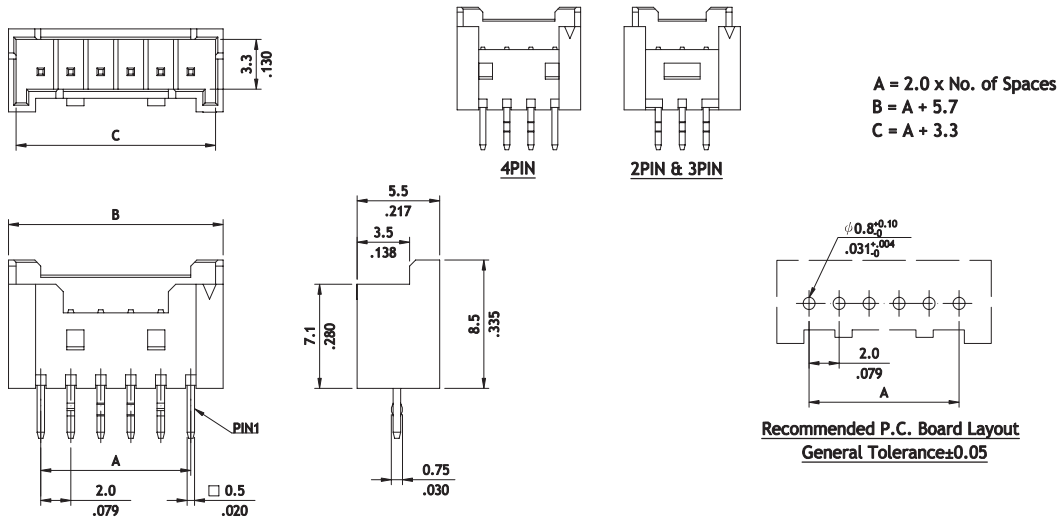
- ⊙ With locking provide secure mating
- ⊙ Mate with CIDY housing
- ⊙ Insulator : Nylon 66 UL 94V-0 , Color Nature
- ⊙ With Tin : plated 0.5 square pin

NEW

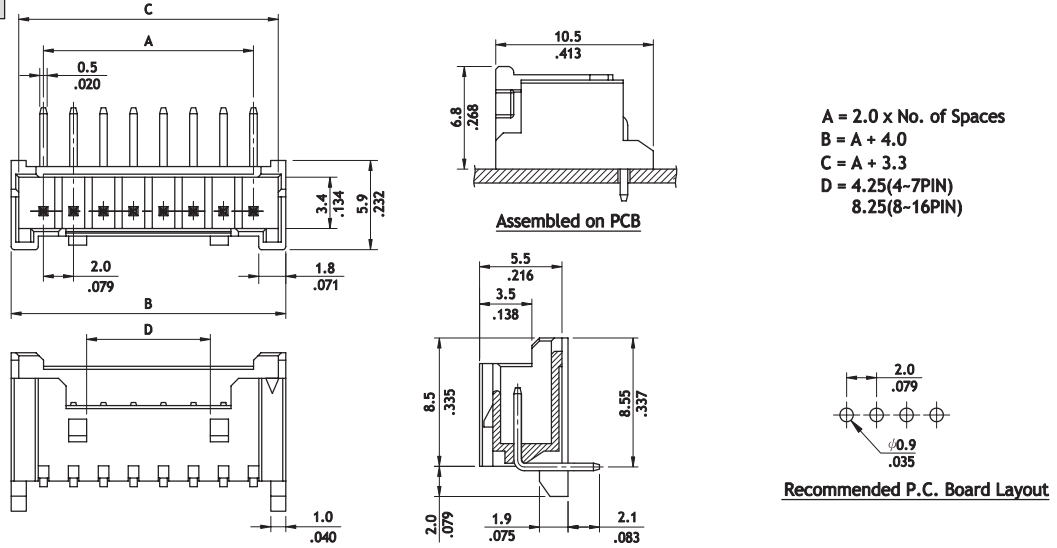
RoHS Compliant



P/N: CIDY**P1VK0



P/N: CIDY**P1H00



Ordering Code

① ② ③ ④ ⑤ ⑥
CIDY 15 P 1 V K0

① ② ③ ④ ⑤ ⑥
CIDY 15 P 1 H 00

- ① Series No.
- ② No. of Circuits: 02~15
- ③ P = Pin Header
- ④ Plating Code : 1 = Tin over Nickel
- ⑤ Type: V = Straight
- ⑥ Other Option : K0 = With pin kinked

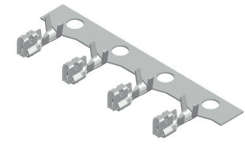
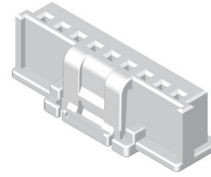
- ① Series No.
- ② No. of Circuits: 02~15
- ③ P = Pin Header
- ④ Plating Code : 1 = Tin over Nickel
- ⑤ Type: H = Right angle
- ⑥ Other Option : 00= Standard

CID9 Series 2.00 mm(.079") Single Row Wire to Board Housing & Terminal

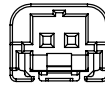
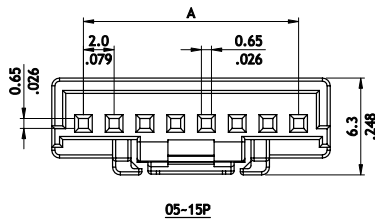
- ⊙ Mate with CID9 Housing
- ⊙ Can be used with CID9 Crimp Terminal
- ⊙ Insulator : Nylon 66 UL 94V-0 , Color Nature
- ⊙ Tin Plated Phosphor Bronze

NEW

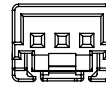
RoHS Compliant



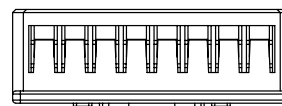
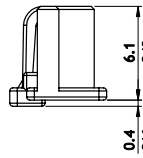
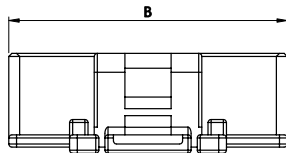
P/N: CID9**SL00A



2P

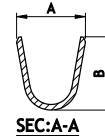
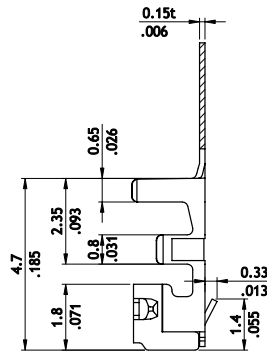
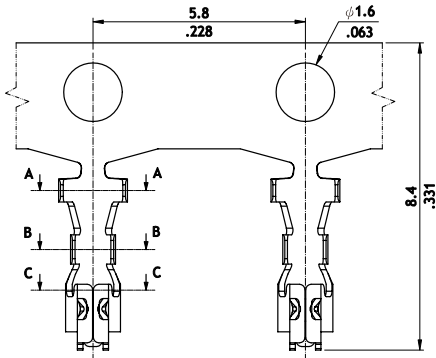


3P, 4P

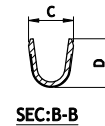


Circuits	Dimension	
	A	B
2	2.00 (.079)	8.00 (.315)
3	4.00 (.157)	8.10 (.319)
4	6.00 (.236)	10.10 (.398)
5	8.00 (.315)	12.10 (.476)
6	10.00 (.394)	14.10 (.555)
7	12.00 (.472)	16.10 (.634)
8	14.00 (.551)	18.10 (.713)
9	16.00 (.630)	20.10 (.791)
10	18.00 (.709)	22.10 (.870)
11	20.00 (.787)	24.10 (.949)
12	22.00 (.866)	26.10 (1.028)
13	24.00 (.945)	28.10 (1.106)
14	26.00 (1.024)	30.10 (1.185)
15	28.00 (1.102)	32.10 (1.264)

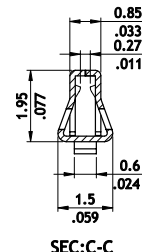
P/N: CID9T0*1PP0



SEC:A-A



SEC:B-B



SEC:C-C

Part No.	Wire Gauge	Dimension				Insulation Range
		A	B	C	D	
CID1T021PP0	AWG #20~22	1.88(.074)	2.00(0.79)	1.85(.073)	1.80(.071)	1.45(.057) Max.
CID1T081PP0	AWG #24~26	1.88(.074)	2.00(0.79)	1.23(.048)	1.33(.052)	1.40(.055) Max.

Ordering Code

① C ② ID9 ③ 04 ④ S ⑤ L ⑥ 00A

① C ② ID9 ③ T02 ④ 1 ⑤ P ⑥ P 0

- ① Series No.
- ② No. of Circuits: 02~15
- ③ S = Female
- ④ L = With Locking Latch
- ⑤ Option : 00A = Standard (Color Nature)

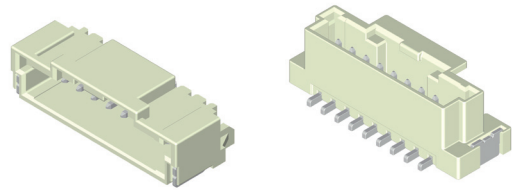
- ① Series No.
- ② Type : T02 = AWG #20~#22
T08 = AWG#24~#26
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material : P = Phosphor Bronze
- ⑤ Plating method : P = Post Plating
- ⑥ Option : 0 = Standard

CID9 Series 2.00 mm(.079") Single Row Wire to Board SMT Headers

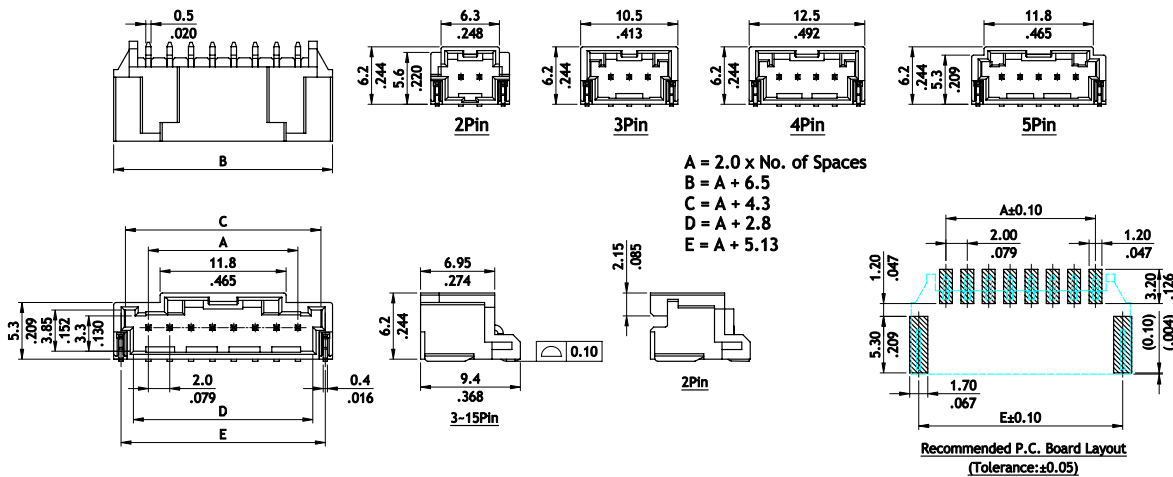
- ☉ Mate with CID9 Housing
- ☉ Insulator : High temperature plastic UL 94V-0 , Color Nature



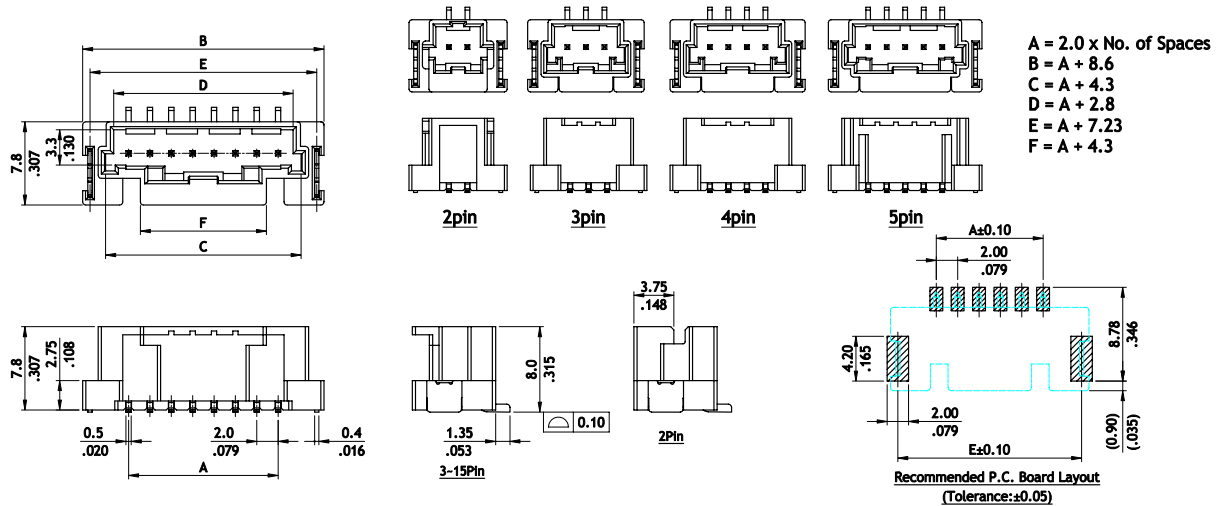
RoHS Compliant



P/N: CID9**M1HR0-LF



P/N: CID9**M1VR0-LF



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
C I D 9 0 2 M 1 H R 0 - L F

- ① Series No.
- ② No. of Circuits: 02~15
- ③ Contact type: M= SMT Type
- ④ Plating Options:
1= Tin over Nickel
- ⑤ Tail style: Type : H= Right Angle
- ⑥ Option: R0= Standard
- ⑦ LF = For Lead Free soldering process

① ② ③ ④ ⑤ ⑥ ⑦
C I D 9 0 2 M 1 V R 0 - L F

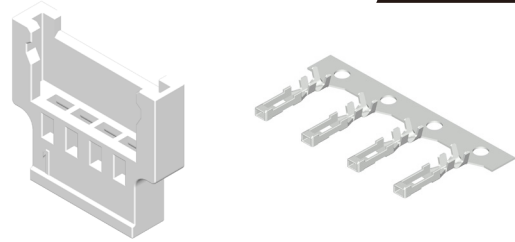
- ① Series No.
- ② No. of Circuits: 02~15
- ③ Contact type: M= SMT Type
- ④ Plating Options:
1= Tin over Nickel
- ⑤ Tail style: Type : V= Staight
- ⑥ Option: R0= Standard
- ⑦ LF = For Lead Free soldering process

CIEG Series 2.00 mm(.079") Single Row Wire to Wire Housing & Terminal

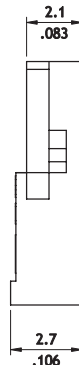
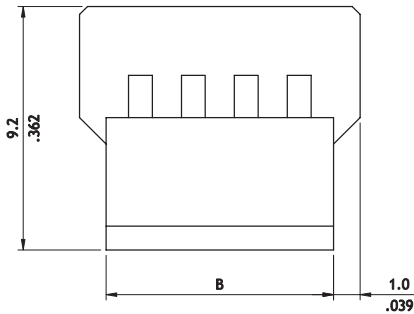
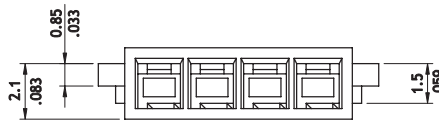
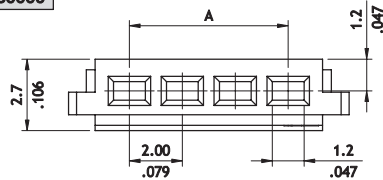
- ⊙ Low profile Housing
- ⊙ Insulator : Nylon UL 94 V-0 , Color Nature
- ⊙ Terminal : Tin plated Phosphor Bronze

NEW

RoHS Compliant

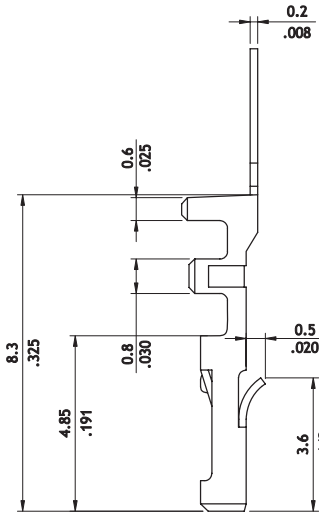
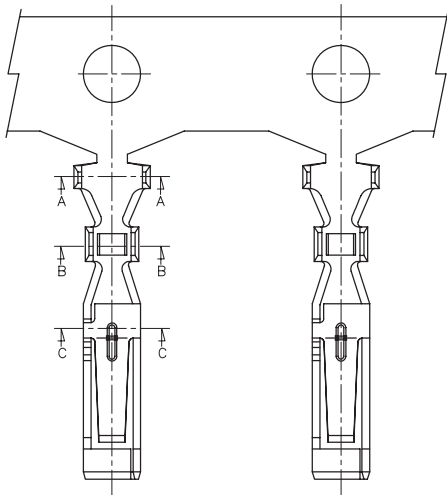


P/N: CIEG**S0000

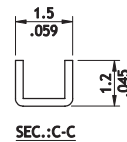
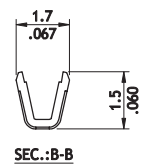
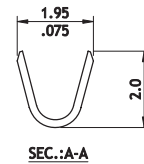


A = 2.0 x No. of Spaces
B = A + 2.6

P/N: CIEGT011PPS



Wire Range	Insulation Diameter	Reel Q'ty
AWG #24-#28	1.15 (.045) MAX.	10,000 PCS.



Ordering Code

① C I E G ② 0 4 ③ S ④ 0 0 0 0

① C I E G ② T 0 1 ③ 1 ④ P ⑤ P S

- ① Series No.
- ② No. of Circuits: 02 ~ 11, 13
- ③ S = Receptacle
- ④ Option: 0000 = Standard

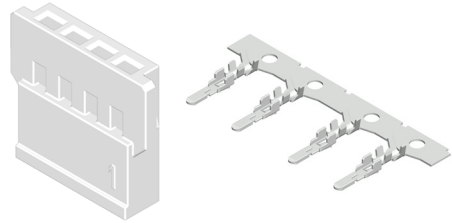
- ① Series No.
- ② No. of Circuits:
- ③ Plating Code: 1 = Matte Tin over Nickel
- ④ Material : P = Phosphor Bronze
- ⑤ Option : PS = Receptacle

CIEG Series 2.00 mm(.079") Single Row Wire to Wire Housing & Terminal

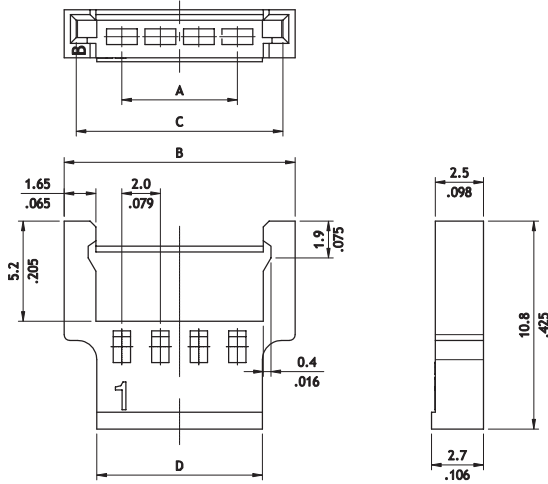
- ⊙ Low profile Housing
- ⊙ Insulator : Nylon UL 94 V-0 , Color Nature
- ⊙ Terminal : Tin plated Phosphor Bronze

NEW

RoHS Compliant

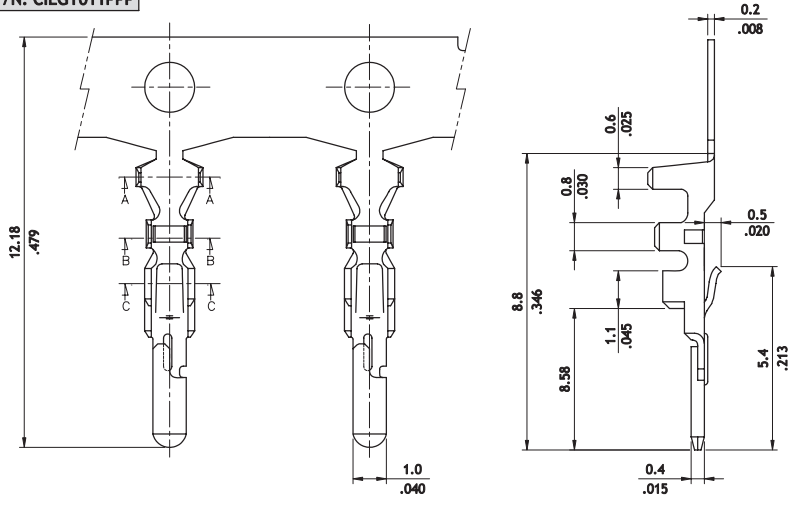


P/N: CIEG**P0000

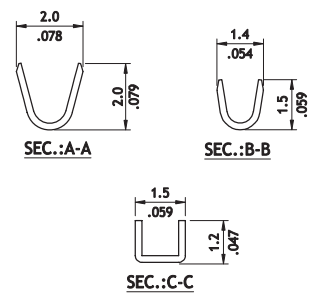


A = 2.0 x No. of Spaces
 B = A + 6.0
 C = A + 4.74
 D = A + 2.6

P/N: CIEGT011PPP



Wire Range	Insulation Diameter	Reel Qty
AWG #24-#28	1.15 (.045) MAX.	10,000 PCS.



Ordering Code

① ② ③ ④
C I E G 04 P 0000

- ① Series No.
- ② No. of Circuits : 02~11 , 13
- ③ P = Plug
- ④ Color option: 0000 = Standard

① ② ③ ④ ⑤
C I E G T01 1 P PP

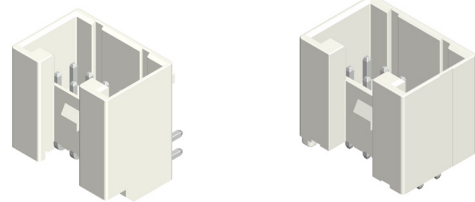
- ① Series No.
- ② Type : T01 = AWG #24 ~#28
- ③ Plating Code: 1 = Matte Tin over Nickel
- ④ Material : P = Phosphor Bronze
- ⑤ PP = Plug

CIE4 Series 2.00 mm(.079") Dual Row Wire to Board DIP Headers

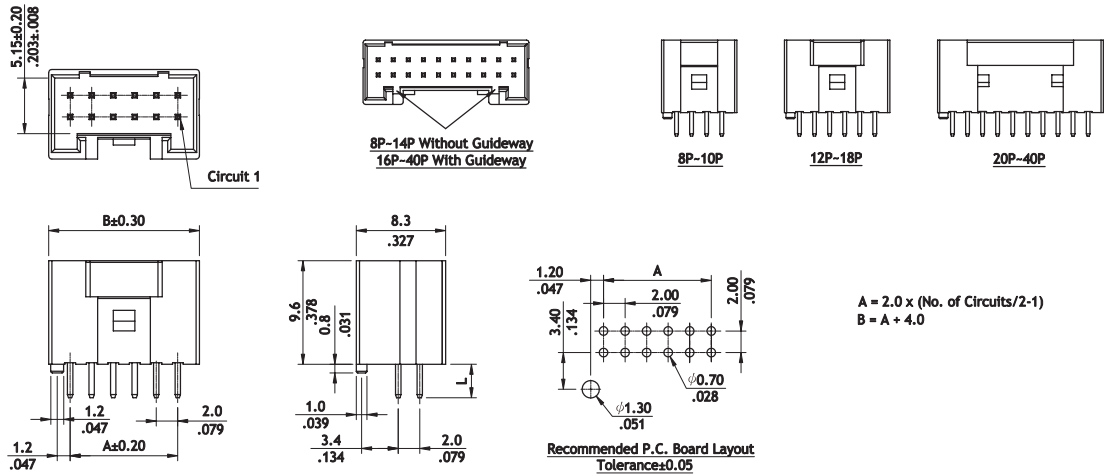
- ⊙ Mate with CIE4 Housing
- ⊙ With lock latch provide mating
- ⊙ Insulator : High temperature plastic UL 94V-0 , Color Nature

NEW

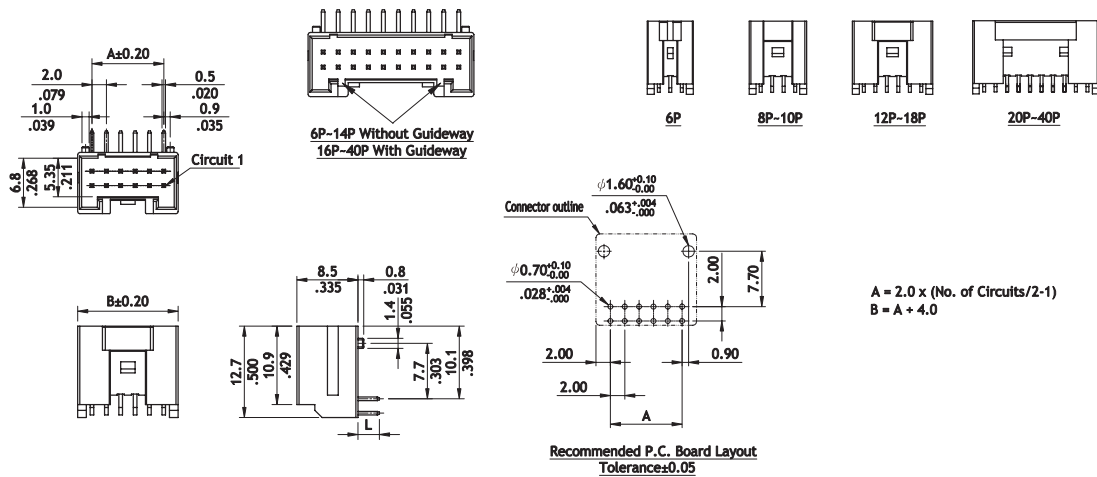
RoHS Compliant



P/N: CIE4**P1VD*-LF



P/N: CIE4**P1HD*-LF



Ordering Code

① C ② I E ③ 4 ④ 0 ⑤ 8 ⑥ P ⑦ 1 ⑧ V D ⑨ 0 - L F

- ① Series No.
- ② No. of Circuits : 8~40
- ③ Contact type: P = Pin Header
- ④ Plating Options:
1= Matte Tin over Nickel
- ⑤ Type : V= Straight
- ⑥ Other option: D = Dual Row
- ⑦ Solder tail length : 0 = Dim L: 2.20mm
1 = Dim L : 3.10mm
2 = Dim L : 3.50mm
- ⑧ LF= For Lead Free Wave Flow Process

① C ② I E ③ 4 ④ 0 ⑤ 8 ⑥ P ⑦ 1 ⑧ H D ⑨ 0 - L F

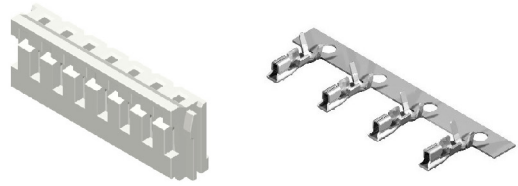
- ① Series No.
- ② No. of Circuits : 6 ~ 40
- ③ Contact type: P = Pin Header
- ④ Plating Options:1= Matte Tin over Nickel
- ⑤ Type : H =Right Angle
- ⑥ Other option: D = Dual Row
- ⑦ Solder tail length : 0 = Dim L: 2.20 mm
1 = Dim L : 3.10 mm
2 = Dim L : 3.50 mm
- ⑧ LF= For Lead Free Wave Flow Process

CI

WIRE TO BOARD CONNECTORS

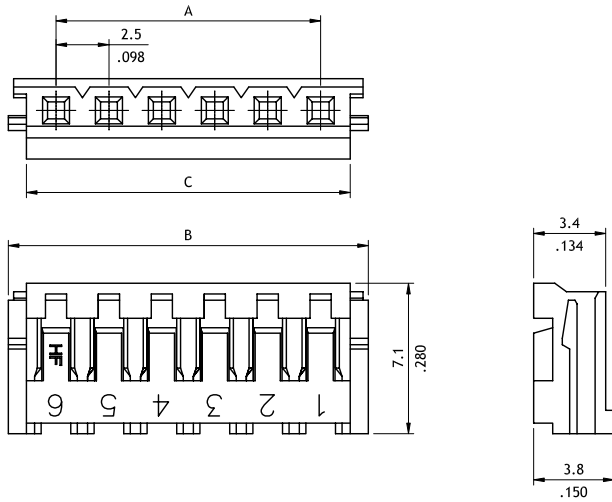
CI21 Series 2.50mm(.098") Wire to Board Connectors Housing & Terminal

- ⊙ Low profile with locking ribs
- ⊙ Mate with CI21 header
- ⊙ Can be used with CI21 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-0 , Color Nature
- ⊙ Terminal: Tin plated Phosphor Bronze

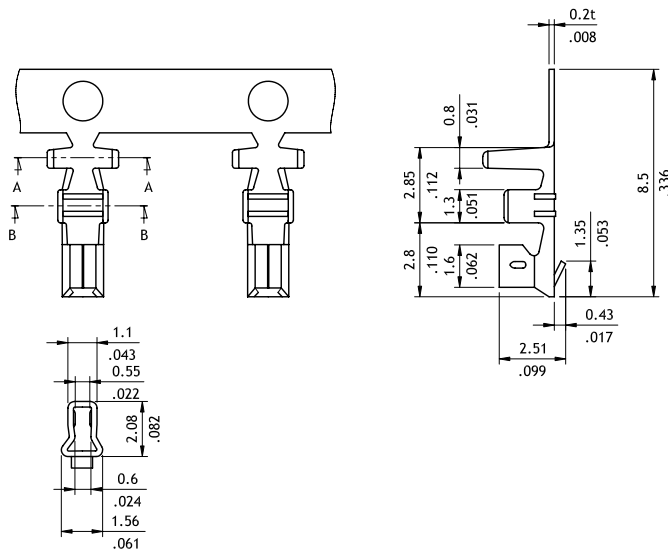


RoHS Compliant  

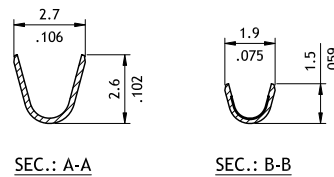
CI



Circuits	Dimension		
	A	B	C
2	2.5(.098)	7.0(.276)	5.4(.213)
3	5.0(.197)	9.5(.374)	7.9(.311)
4	7.5(.295)	12.0(.472)	10.4(.409)
5	10.0(.394)	14.5(.571)	12.9(.508)
6	12.5(.492)	17.0(.669)	15.4(.606)
7	15.0(.591)	19.5(.768)	17.9(.705)
8	17.5(.689)	22.0(.866)	20.4(.803)
9	20.0(.787)	24.5(.965)	22.9(.902)
10	22.5(.886)	27.0(1.063)	25.4(1.000)
11	25.0(.984)	29.5(1.161)	27.9(1.098)
12	27.5(1.083)	32.0(1.260)	30.4(1.197)
13	30.0(1.181)	34.5(1.358)	32.9(1.295)
14	32.5(1.280)	37.0(1.457)	35.4(1.394)
15	35.0(1.378)	39.5(1.555)	37.9(1.492)



Wire Range	Insulation Diameter	Reel Qty
AWG #24-#30	1.9 (.075) MAX.	10,000 PCS.



Ordering Code

① CI21 ② 15 ③ S ④ 0000

① CI21 ② T02 ③ 1 ④ P ⑤ E0

- ① Series No.
- ② No. of Circuits: 02 ~15
- ③ S = Housing
- ④ Other Options: 0000 = Standard
*Special options consult manufacturer

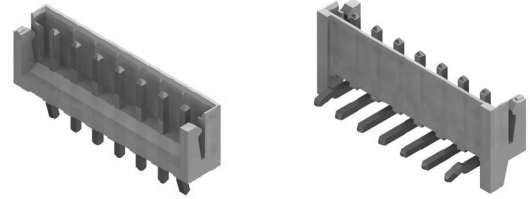
- ① Series No.
- ② Type: T02 = AWG #24 ~ #30
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

WIRE TO BOARD CONNECTORS

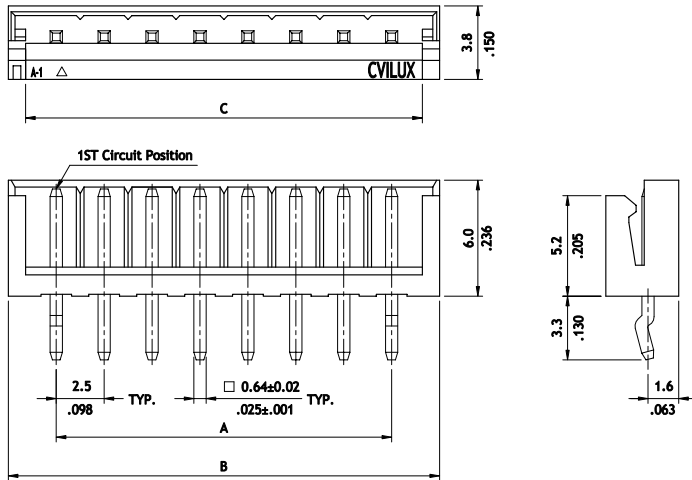
CI21 Series 2.50mm(.098") Wire to Board Connectors DIP Headers

- Ⓞ With locking slots and Pin kinked
- Ⓞ Mate with CI21 Housing
- Ⓞ Insulator: High temperature plastic UL 94V-0, Color Nat
- Ⓞ With Tin plated 0.64mm square pin

RoHS Compliant

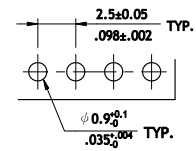
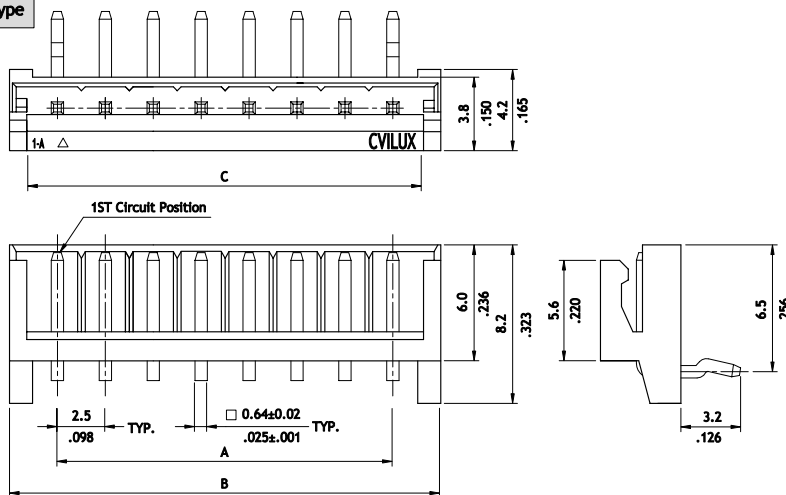


Straight Type



Circuits	Dimension		
	A	B	C
2	2.5(.098)	7.5(.295)	5.7(.224)
3	5.0(.197)	10.0(.394)	8.2(.323)
4	7.5(.295)	12.5(.492)	10.7(.421)
5	10.0(.394)	15.0(.591)	13.2(.520)
6	12.5(.492)	17.5(.689)	15.7(.618)
7	15.0(.591)	20.0(.787)	18.2(.717)
8	17.5(.689)	22.5(.886)	20.7(.815)
9	20.0(.787)	25.0(.984)	23.2(.913)
10	22.5(.886)	27.5(1.083)	25.7(1.012)
11	25.0(.984)	30.0(1.181)	28.2(1.110)
12	27.5(1.083)	32.5(1.280)	30.7(1.209)
13	30.0(1.181)	35.0(1.378)	33.2(1.307)
14	32.5(1.280)	37.5(1.476)	35.7(1.406)
15	35.0(1.378)	40.0(1.575)	38.2(1.504)

Right angle Type



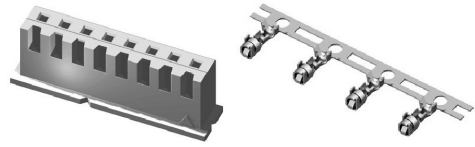
Recommended P.C. Board Layout

Ordering Code	①	②	③	④	⑤	⑥	⑦
	C	I	2	1	5	P	1
						V	K
							0
							-
							N
							H

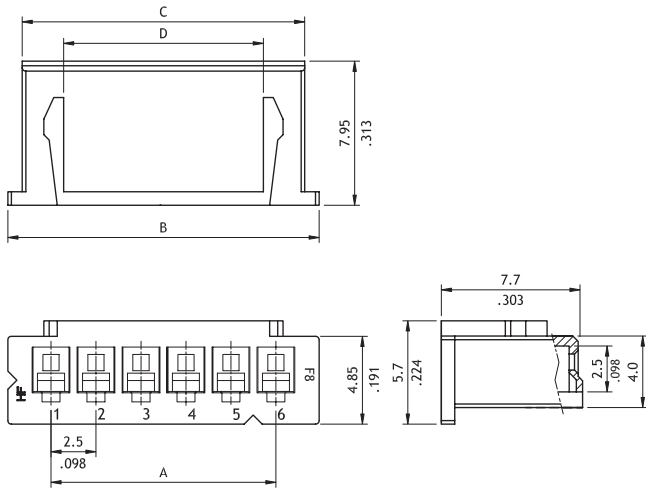
<p>① Series No.</p> <p>② No. of Circuits: 02 ~ 15</p> <p>③ P = DIP Type</p> <p>④ Plating Code: 1 = Matte Tin over Nickel</p> <p>⑤ Type : V = Straight H = Right Angle</p>	<p>⑥ Other Options: 00 = Without Pin Kined K0 = With Pin Kinked (Standard)</p> <p>⑦ NH = For Lead Free soldering process and Halogen-Free</p> <p>*Special options consult manufacturer</p>
---	--

CI22 Series 2.50mm(.098") Wire to Board Connectors Housing & Terminal

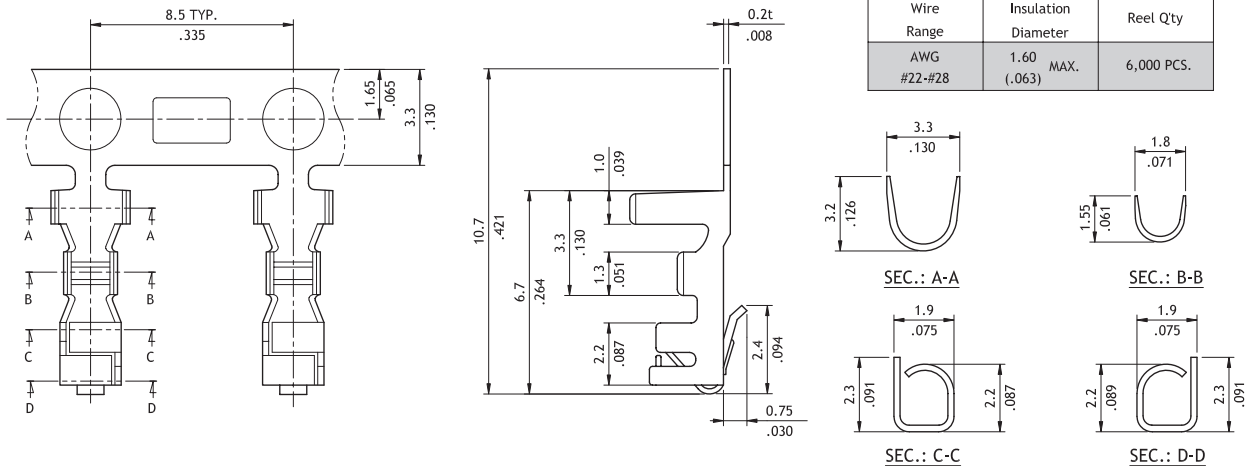
- ⊙ Low profile with locking ribs
- ⊙ Mate with CI22 Header
- ⊙ Can be used with CI22 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated Brass or Phosphor Bronze



RoHS Compliant



Circuits	Dimension			
	A	B	C	D
2	2.5(.098)	7.3(.287)	5.7(.224)	1.0(.039)
3	5.0(.197)	9.8(.386)	8.2(.323)	3.5(.138)
4	7.5(.295)	12.3(.484)	10.7(.421)	6.0(.236)
5	10.0(.394)	14.8(.583)	13.2(.520)	8.5(.335)
6	12.5(.492)	17.3(.681)	15.7(.618)	11.0(.433)
7	15.0(.591)	19.8(.780)	18.2(.717)	13.5(.531)
8	17.5(.689)	22.3(.878)	20.7(.815)	16.0(.630)
9	20.0(.787)	24.8(.976)	23.2(.913)	18.5(.728)
10	22.5(.886)	27.3(1.075)	25.7(1.012)	21.0(.827)
11	25.0(.984)	29.8(1.173)	28.2(1.110)	23.5(.925)
12	27.5(1.083)	32.3(1.272)	30.7(1.209)	26.0(1.024)
13	30.0(1.181)	34.8(1.370)	33.2(1.307)	28.5(1.122)
14	32.5(1.280)	37.3(1.469)	35.7(1.406)	31.0(1.220)
15	35.0(1.378)	39.8(1.567)	38.2(1.504)	33.5(1.319)
16	37.5(1.476)	42.3(1.665)	40.7(1.602)	36.0(1.417)



Ordering Code

① C I 22 ② 1 5 ③ S ④ 0 0 0 0

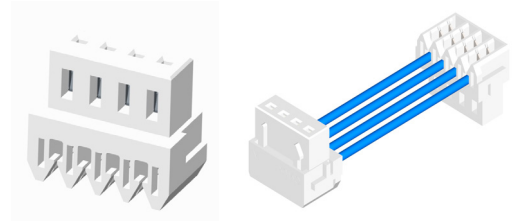
- ① Series No.
- ② No. of Circuits: 02 ~ 16
- ③ S = Housing
- ④ Other Options: 0000 = Standard

① C I 22 ② T 0 2 ③ 1 ④ P ⑤ E 0

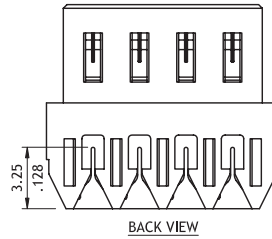
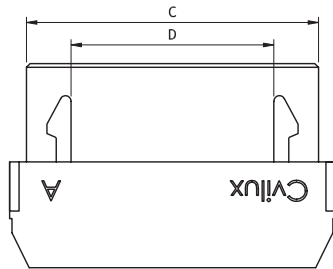
- ① Series No.
- ② Type : T02 = AWG #22~#28
- ③ Plating: 1= Tin over Nickel
- ④ Material : P=Phosphor Bronze
B =Brass
- ⑤ Other options: E0=Standard

CI22 Series 2.50mm(.098") Wire to Board IDC Connectors Housing & IDC Cable

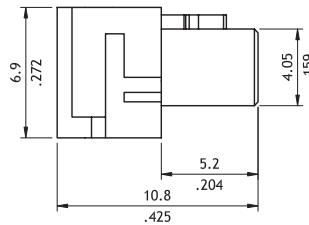
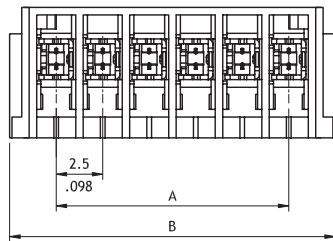
- ⊙ Low profile with locking ribs
- ⊙ Mate with CI22 Header
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated Phosphor Bronze



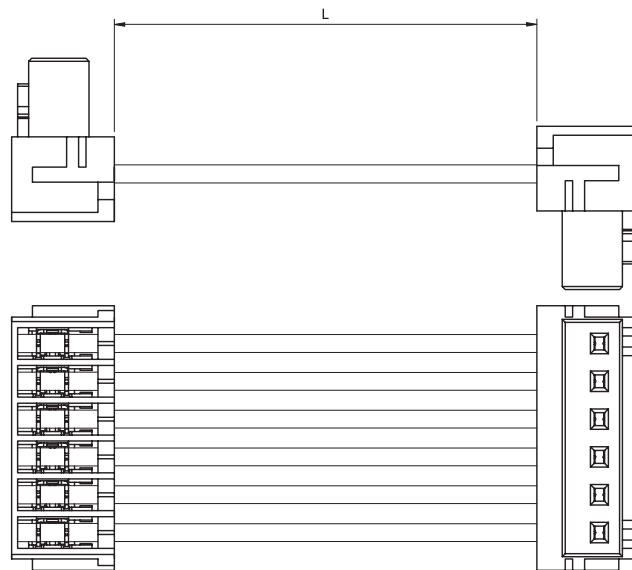
P/N CI22**S1000-NH



Wire Range	Insulation Diameter
AWG #24,#28	1.5 (.059) MAX.



A = 2.5 x No. of Spaces
 B = A + 2.5
 C = A + 3.2
 D = A - 1.6



Ordering Code

① C ② I ③ 2 ④ 2 ⑤ 1 ⑥ S ⑦ 1 ⑧ 0 ⑨ 0 ⑩ 0 - ⑪ NH

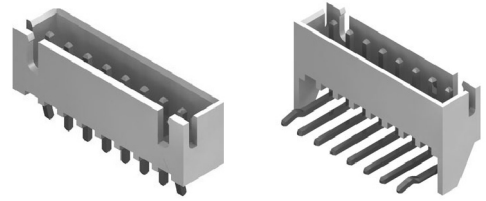
- ① Series No.
- ② No. of Circuits: 02 ~ 15
- ③ S = Housing
- ④ Plating Code:
1 = Matte Tin over Nickel
- ⑤ 0 = For AWG 28 , 1 = For AWG 24
- ⑥ Other Options: 00 = Standard
- ⑦ NH = For Lead Free and Halogen-Free

① QH ② - I ③ 2 ④ 0 ⑤ 6 ⑥ 0 ⑦ 1 ⑧ 0 ⑨ 0 ⑩ 0 ⑪ 0

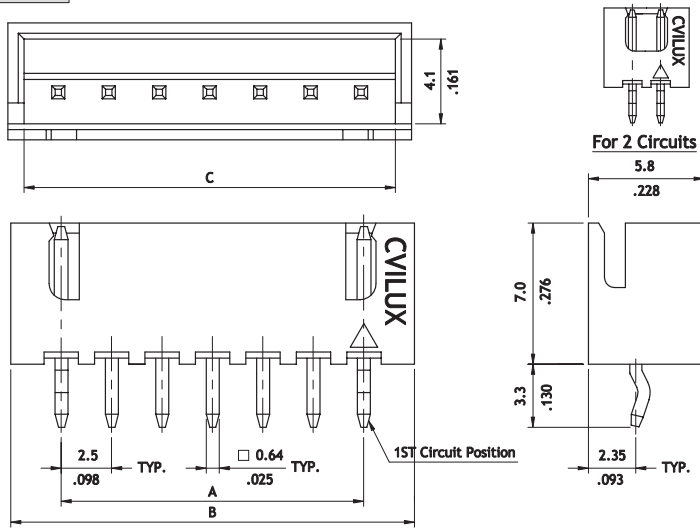
- ① Series No.
- ② No. of Circuits: 2~15
- ③ L =Length : 40~1000 mm(0100=100 mm)
- ④ Wire Color : 00 = All pin counts of White Color
01 =All pin counts of Black Color
02 =All pin counts of Brown Color
- ⑤ Other Options: 0 = Standard

CI22 Series 2.50mm(.098") Wire to Board Connectors DIP Headers

- ⊙ With locking slot and Pin Kinked
- ⊙ Mate with CI22 housing
- ⊙ Insulator: High temperature plastic UL 94V-0 , Color Nature
- ⊙ With Tin plated 0.64mm square pin

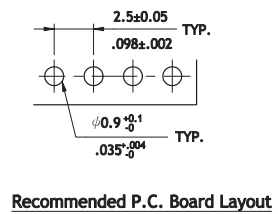
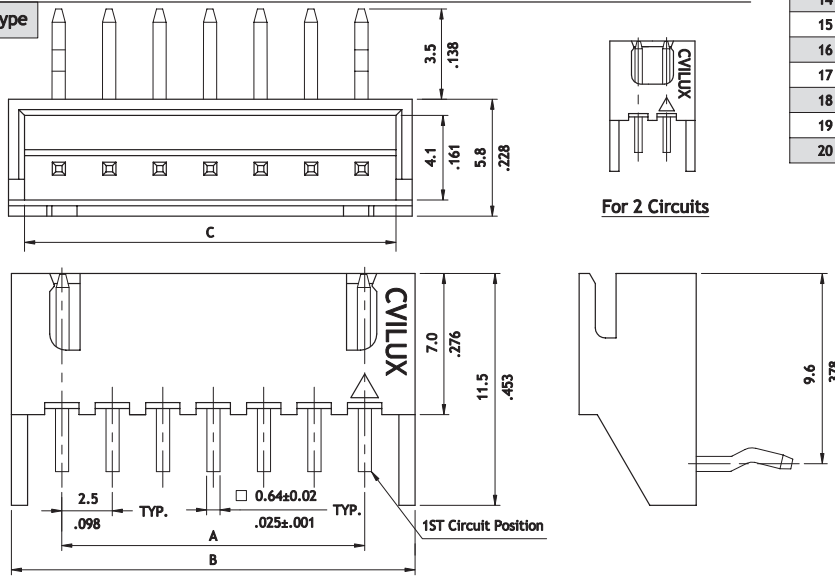


Straight Type



Circuits	Dimension		
	A	B	C
2	2.5(.098)	7.5(.295)	6.0(.236)
3	5.0(.197)	10.0(.394)	8.5(.335)
4	7.5(.295)	12.5(.492)	11.0(.433)
5	10.0(.394)	15.0(.591)	13.5(.531)
6	12.5(.492)	17.5(.689)	16.0(.630)
7	15.0(.591)	20.0(.787)	18.5(.728)
8	17.5(.689)	22.5(.886)	21.0(.827)
9	20.0(.787)	25.0(.984)	23.5(.925)
10	22.5(.886)	27.5(1.083)	26.0(1.024)
11	25.0(.984)	30.0(1.181)	28.5(1.122)
12	27.5(1.083)	32.5(1.280)	31.0(1.220)
13	30.0(1.181)	35.0(1.378)	33.5(1.319)
14	32.5(1.280)	37.5(1.476)	36.0(1.417)
15	35.0(1.378)	40.0(1.575)	38.5(1.516)
16	37.5(1.476)	42.5(1.673)	41.0(1.614)
17	40.0(1.575)	45.0(1.772)	43.5(1.713)
18	42.5(1.673)	47.5(1.870)	46.0(1.811)
19	45.0(1.772)	50.0(1.969)	48.5(1.909)
20	47.5(1.870)	52.5(2.067)	51.0(2.008)

Right angle Type



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
CI22 20 P 1 V K0 - NH

- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ P = DIP Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type: V = Straight
H = Right Angle
- ⑥ Other Options : 00 = Without Pin Kinked
K0 = With Pin Kinked (Standard)
- ⑦ NH = For Lead Free soldering process and Halogen-Free

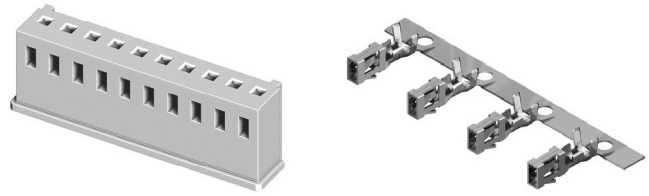
*Special options consult manufacturer

CI

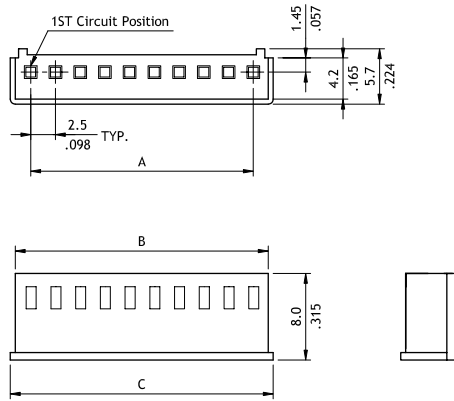
WIRE TO BOARD CONNECTORS

CI23 Series 2.50mm(.098") Wire to Board Connectors Housing & Terminal

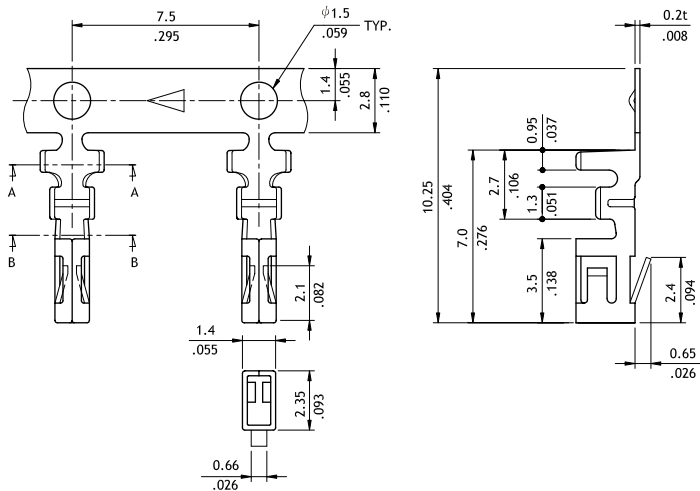
- Ⓞ Low profile with locking tab
- Ⓞ Mate with CI23 header
- Ⓞ Can be used with CI23 crimp clip terminal
- Ⓞ Terminal accommodated AWG #22 ~ #28
- Ⓞ Insulator: Nylon 66 UL 94V-2 , Color Ivory
- Ⓞ Terminal: Tin plated Phosphor Bronze



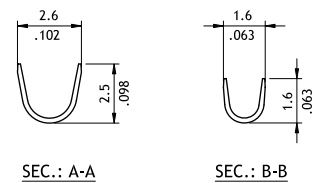
RoHS Compliant



Circuits	Dimension		
	A	B	C
2	2.5(.098)	6.0(.236)	7.2(.283)
3	5.0(.197)	8.5(.335)	9.7(.382)
4	7.5(.295)	11.0(.433)	12.2(.480)
5	10.0(.394)	13.5(.531)	14.7(.579)
6	12.5(.492)	16.0(.630)	17.2(.677)
7	15.0(.591)	18.5(.728)	19.7(.776)
8	17.5(.689)	21.0(.827)	22.2(.874)
9	20.0(.787)	23.5(.925)	24.7(.972)
10	22.5(.886)	26.0(1.024)	27.2(1.071)
11	25.0(.984)	28.5(1.122)	29.7(1.169)
12	27.5(1.083)	31.0(1.220)	32.2(1.268)



Wire Range	Insulation Diameter	Reel Qty
AWG #22-#28	1.9 MAX. (.075)	8,000 PCS



Ordering Code

① C I 23 ② 1 2 ③ S ④ 0 0 0 0

- ① Series No.
- ② No. of Circuits: 02 ~ 12
- ③ S = Housing
- ④ Other Options: 0000 = Standard
- *Special options consult manufacturer

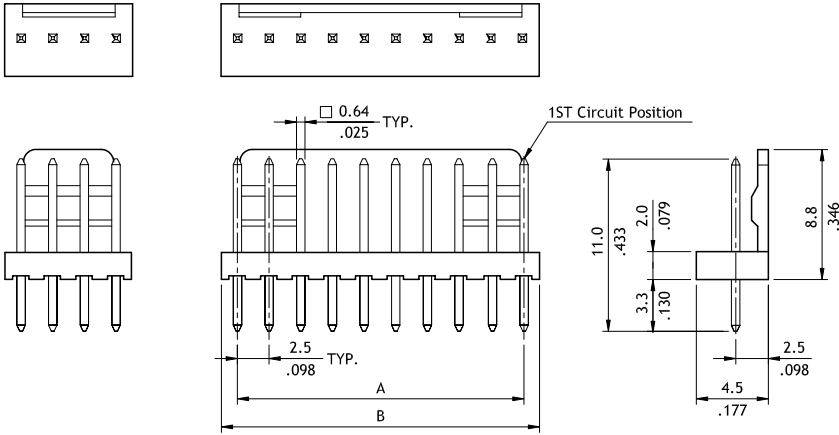
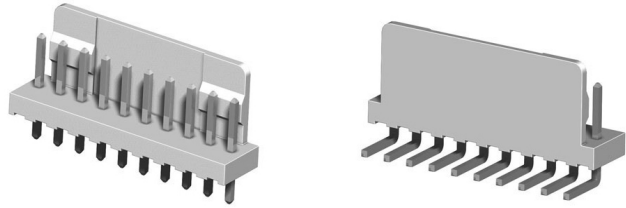
① C I 23 ② T 0 2 ③ 1 ④ P ⑤ E 0

- ① Series No.
- ② Type: T02 = AWG #22 ~ #28
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

CI23 Series 2.50mm(.098") Wire to Board Connectors DIP Headers

- ⊙ With locking wall
- ⊙ Mate with CI23 Housing
- ⊙ Insulator: Nylon 66 UL 94V-2, Color Ivory
- ⊙ With Tin plated 0.64mm square pin

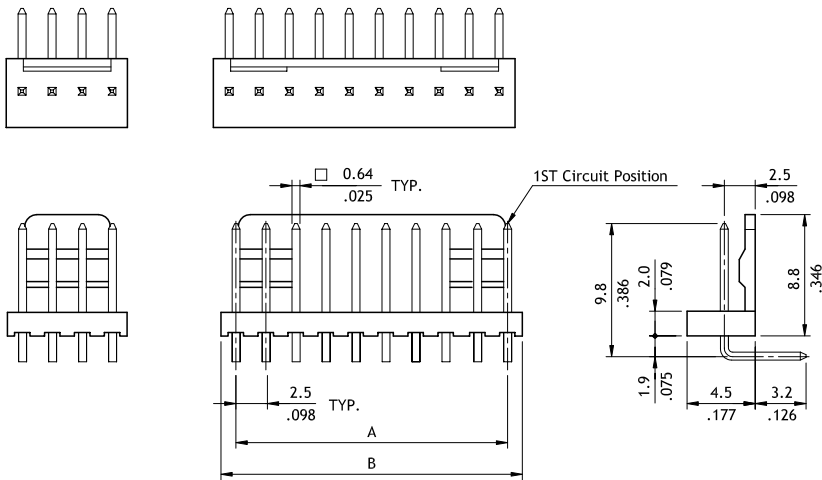
RoHS Compliant  



(2 Through 5 Circuits)

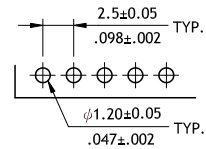
(6 Through 12 Circuits)

Circuits	Dimension	
	A	B
2	2.5(.098)	5.0(.197)
3	5.0(.197)	7.5(.295)
4	7.5(.295)	10.0(.394)
5	10.0(.394)	12.5(.492)
6	12.5(.492)	15.0(.591)
7	15.0(.591)	17.5(.689)
8	17.5(.689)	20.0(.787)
9	20.0(.787)	22.5(.886)
10	22.5(.886)	25.0(.984)
11	25.0(.984)	27.5(1.083)
12	27.5(1.083)	30.0(1.181)



(2 Through 5 Circuits)

(6 Through 12 Circuits)



Recommended P.C. Board Layout

Ordering Code

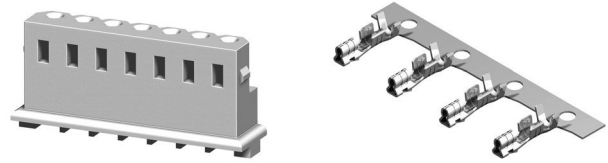
① ② ③ ④ ⑤ ⑥
C I 23 12 P 1 V 0 0

- ① Series No.
- ② No. of Circuits: 02 ~ 12
- ③ P = DIP Type
- ④ Plating Code : 1 = Tin over Nickel

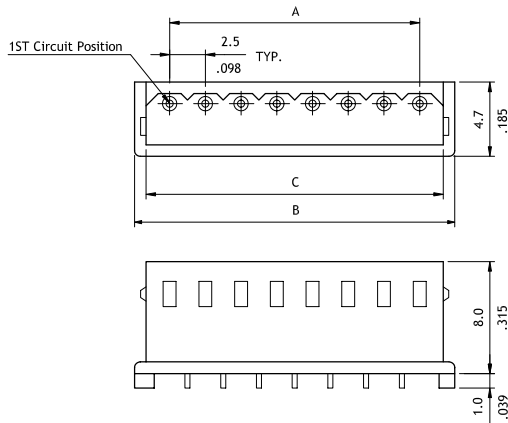
- ⑤ Type: V = Straight
H = Right Angle
- ⑥ Other Options: 00 = Standard
*Special options consult manufacturer

CI25 Series 2.50mm(.098") Wire to Board Connectors Housing & Terminal

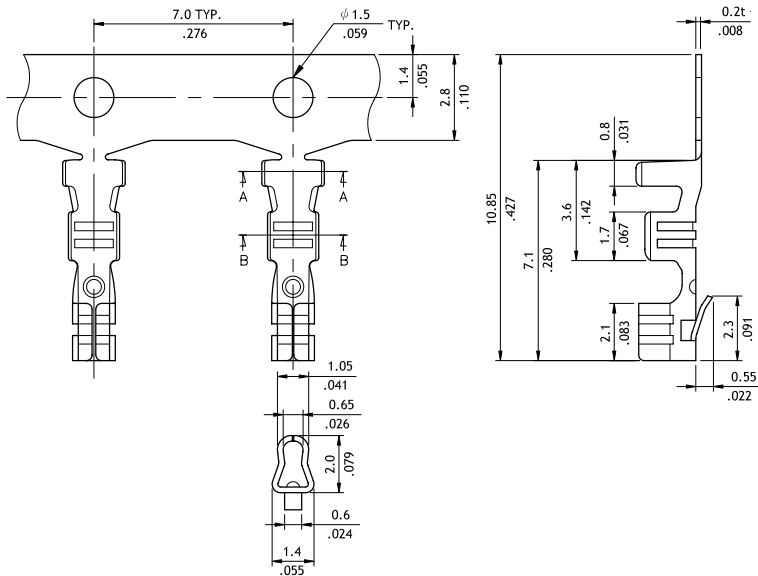
- ⊙ Low profile with locking ribs
- ⊙ Mate with CI25 header
- ⊙ Can be used with CI25 crimp clip terminal
- ⊙ Terminal accommodated AWG #22 ~ #28
- ⊙ Insulator: Nylon 66 UL 94V-0 , Color Ivory
- ⊙ Terminal: Tin plated Phosphor Bronze



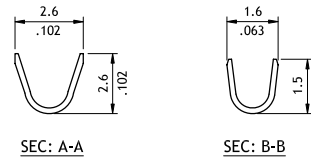
RoHS Compliant



Circuits	Dimension		
	A	B	C
2	2.5(.098)	7.4(.291)	5.8(.228)
3	5.0(.197)	9.9(.390)	8.3(.327)
4	7.5(.295)	12.4(.488)	10.8(.425)
5	10.0(.394)	14.9(.587)	13.3(.524)
6	12.5(.492)	17.4(.685)	15.8(.622)
7	15.0(.591)	19.9(.783)	18.3(.720)
8	17.5(.689)	22.4(.882)	20.8(.819)
9	20.0(.787)	24.9(.980)	23.3(.917)
10	22.5(.886)	27.4(1.079)	25.8(1.016)
11	25.0(.984)	29.9(1.177)	28.3(1.114)
12	27.5(1.083)	32.4(1.276)	30.8(1.213)
13	30.0(1.181)	34.9(1.374)	33.3(1.311)
14	32.5(1.280)	37.4(1.472)	35.8(1.409)
15	35.0(1.378)	39.9(1.571)	38.3(1.508)



Wire Range	Insulation Diameter	Reel Qty
AWG #22-#28	1.6 (.063) MAX.	10,000 PCS.



Ordering Code

①	②	③	④	①	②	③	④	⑤
C	I25	12	S	0000	C	I25	T02	1
							P	E0

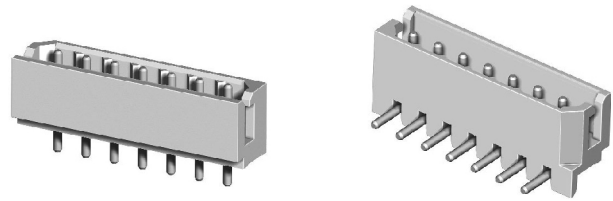
① Series No.
 ② No. of Circuits: 02 ~ 15
 ③ S = Housing
 ④ Other Options: 0000 = Standard
 *Special options consult manufacturer

① Series No.
 ② Type: T02 = AWG #22 ~ #28
 ③ Plating Code: 1 = Tin over Nickel
 ④ Material: P = Phosphor Bronze
 ⑤ Other Options: E0 = Standard

CI25 Series 2.50mm(.098") Wire to Board Connectors DIP Headers

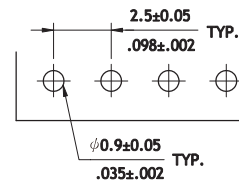
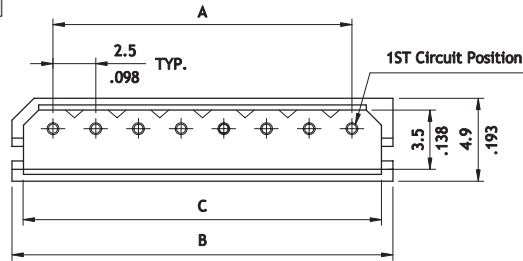
- ⊙ With locking slot
- ⊙ Mate with CI25 housing
- ⊙ Insulator: Polyamide UL 94V-0 , Color Ivory
- ⊙ With Tin plated 0.7mm round pin

RoHS Compliant

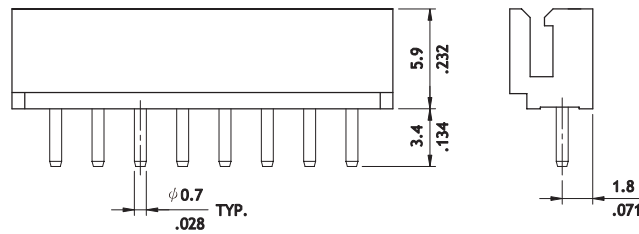


CI

Straight Type

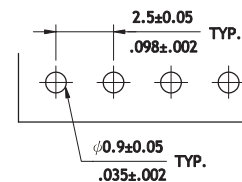
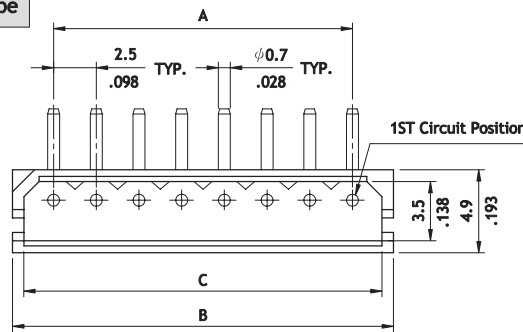


Recommended P.C. Board Layout

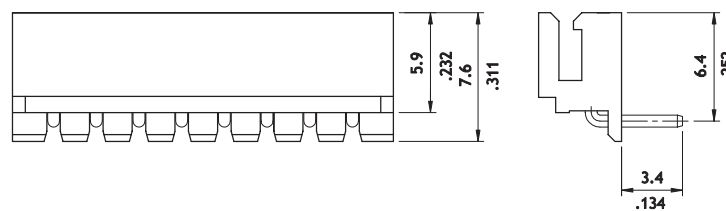


A = 2.5 x No. of Spaces
 B = A + 5.0
 C = A + 3.6

Right angle Type



Recommended P.C. Board Layout



A = 2.5 x No. of Spaces
 B = A + 5.0
 C = A + 3.6

Ordering Code

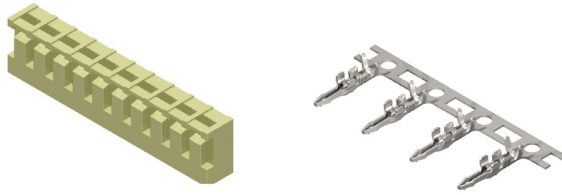
① ② ③ ④ ⑤ ⑥ ⑦
CI25 12 P 1 V 00 - NH

- ① Series No.
- ② No. of Circuits: 02 ~ 15
- ③ P = DIP Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type : V = Straight
 H = Right Angle
- ⑥ Other Options:
 00 = Standard
 *Special options consult manufacturer
- ⑦ NH = For Lead Free soldering process and Halogen-Free

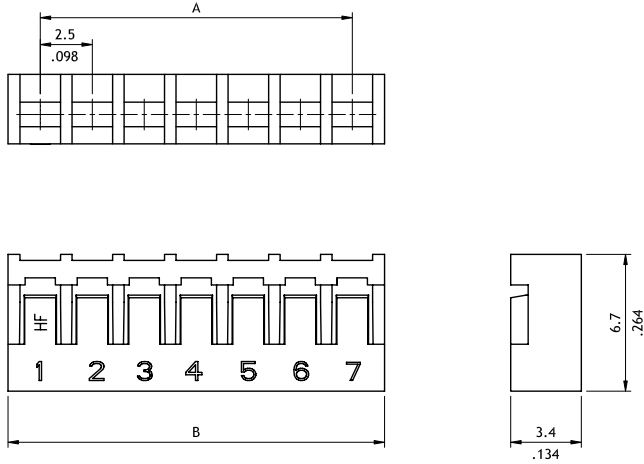
WIRE TO BOARD CONNECTORS

CI26 Series 2.50mm(.098") Board In Connectors

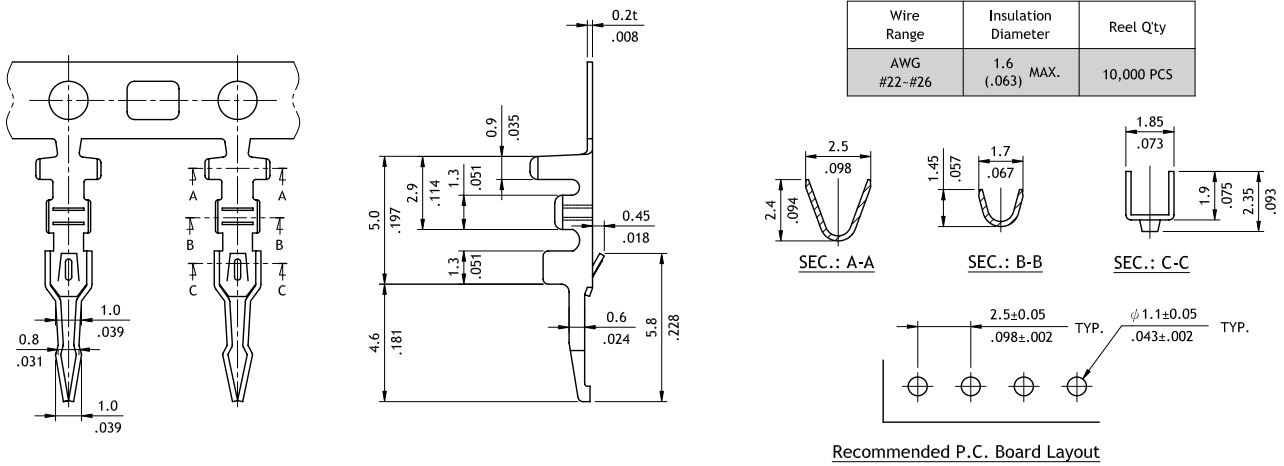
- ⊙ Low profile with locking ribs
- ⊙ Can be used with CI26 Board in terminal
- ⊙ Terminal accommodated AWG #22 ~ #26
- ⊙ Insulator: Nylon 66 UL 94V-0 , Color Ivory
- ⊙ Terminal: Tin plated Phosphor Bronze



RoHS Compliant



Circuits	Dimension	
	A	B
2	2.5(.098)	5.6(.220)
3	5.0(.197)	8.1(.389)
4	7.5(.295)	10.6(.417)
5	10.0(.394)	13.1(.516)
6	12.5(.492)	15.6(.614)
7	15.0(.591)	18.1(.713)
8	17.5(.689)	20.6(.811)
9	20.0(.787)	23.1(.909)
10	22.5(.886)	25.6(1.008)
11	25.0(.984)	28.1(1.106)
12	27.5(1.083)	30.6(1.205)
13	30.0(1.181)	33.1(1.303)
14	32.5(1.280)	35.6(1.402)
15	35.0(1.378)	38.1(1.598)
16	37.5(1.476)	40.6(1.598)



Wire Range	Insulation Diameter	Reel Qty
AWG #22 - #26	1.6 (.063) MAX.	10,000 PCS

Recommended P.C. Board Layout

Ordering Code

① C I 2 6 ② 1 6 ③ S ④ 0 0 0 0

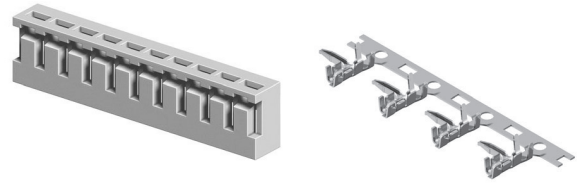
- ① Series No.
- ② No. of Circuits: 02 ~ 16
- ③ S = Housing
- ④ Other Options: 0000 = Standard
*Special options consult manufacturer

① C I 2 6 ② T 0 2 ③ 1 ④ P ⑤ E 0

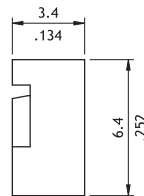
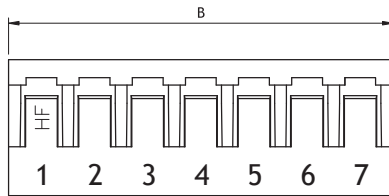
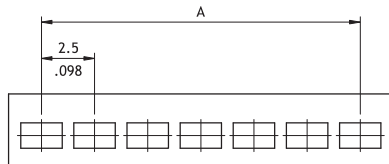
- ① Series No.
- ② Type: T02 = AWG #22 ~ #26
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

CI27 Series 2.50mm(.098") Board In Connectors

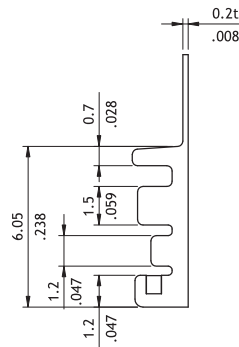
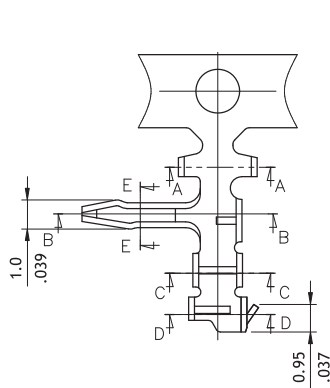
- ⊙ Low profile with locking ribs
- ⊙ Can be used with CI27 Crimp Board in Terminal
- ⊙ Terminal accommodated AWG #22 ~ #26
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ Terminal: Tin plated Phosphor Bronze



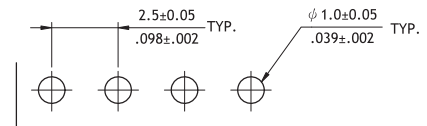
RoHS Compliant



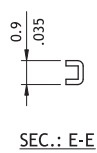
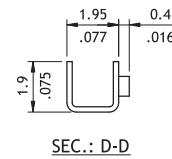
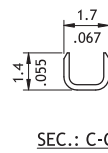
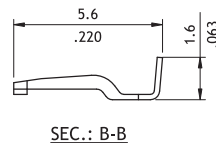
Circuits	Dimension	
	A	B
2	2.5(.098)	5.7(.224)
3	5.0(.197)	8.2(.323)
4	7.5(.295)	10.7(.421)
5	10.0(.394)	13.2(.520)
6	12.5(.492)	15.7(.618)
7	15.0(.591)	18.2(.717)
8	17.5(.689)	20.7(.815)
9	20.0(.787)	23.2(.913)
10	22.5(.886)	25.7(1.012)
11	25.0(.984)	28.2(1.110)
12	27.5(1.083)	30.7(1.209)
13	30.0(1.181)	33.2(1.307)
14	32.5(1.280)	35.7(1.406)
15	35.0(1.378)	38.2(1.504)
16	37.5(1.476)	40.6(1.598)



Wire Range	Insulation Diameter	Reel Qty
AWG #22-#26	1.6 (.063) MAX.	7,000 PCS



Recommended PCB Layout



Ordering Code

① C I 27 ② 1 6 ③ S ④ 0 0 0 0

① C I 2 7 ② T 0 2 ③ 1 ④ P ⑤ E H

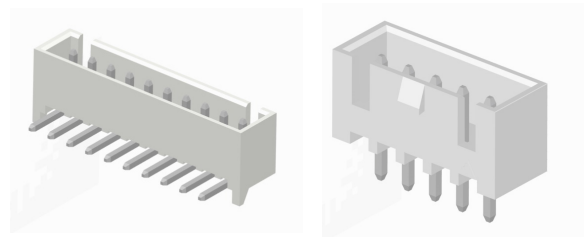
- ① Series No.
- ② No. of Circuits: 02 ~ 16
- ③ S = Housing
- ④ Other Options: 0000 = Standard
*Special options consult manufacturer

- ① Series No.
- ② Type: T02 = AWG #22 ~ #26
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: EH = Right Angle Terminal

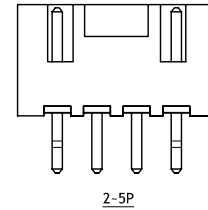
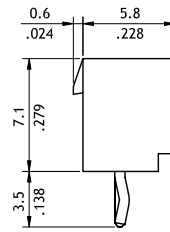
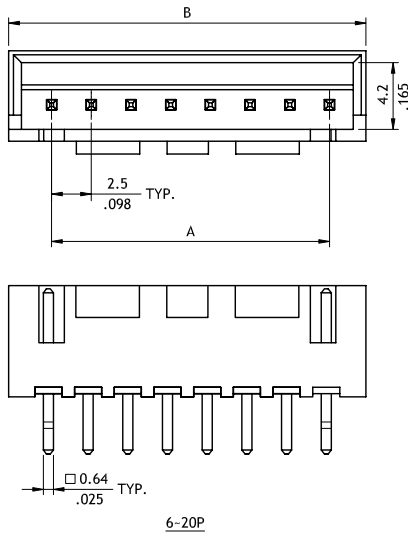
CI30 Series 2.50mm (.098") Wire to Board Connectors DIP Header

- ⊙ With locking wall
- ⊙ Insulation: Nylon 66 UL 94V-0 , Color Nature

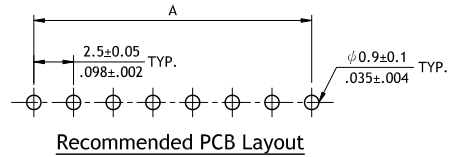
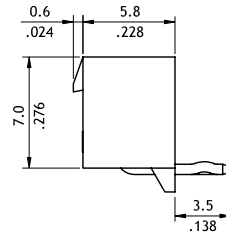
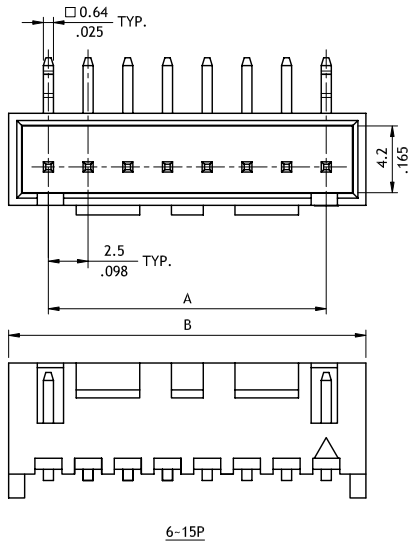
RoHS Compliant



Top entry



Side entry



A = 2.50 x No. of Spaces
B = A + 5.0

Ordering Code

① CI ② 30 ③ 02 ④ P ⑤ 1 ⑥ V K0-A

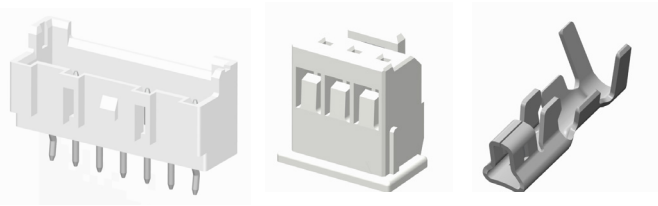
- ① Series No.
- ② No. of Circuits: 02~16
- ③ P= DIP Header
- ④ Plating Code :1 = Tin over Nickel

- ⑤ Contact Type :
V= Straight
H= Right Angle
- ⑥ Option : K0 = Standard (With Pin Kinked)

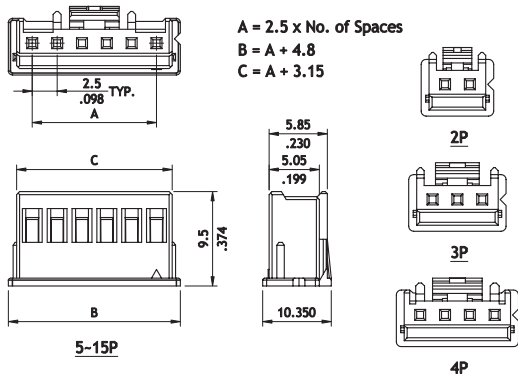
CI60 Series 2.50mm (.098") Wire to Board Connectors DIP Header&Housing

- With locking wall
- Insulation: Nylon 66 UL 94V-0 , Color Nature

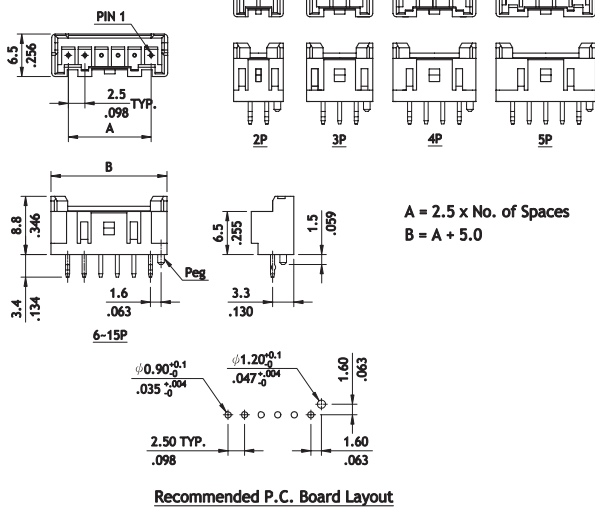
RoHS Compliant



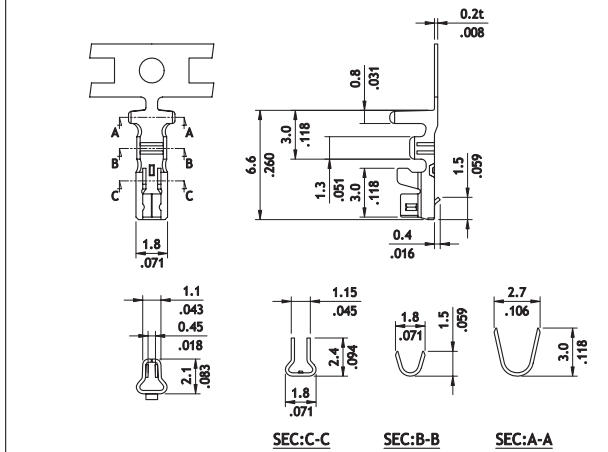
P/N CI60**SL000



P/N CI60**P1VK0

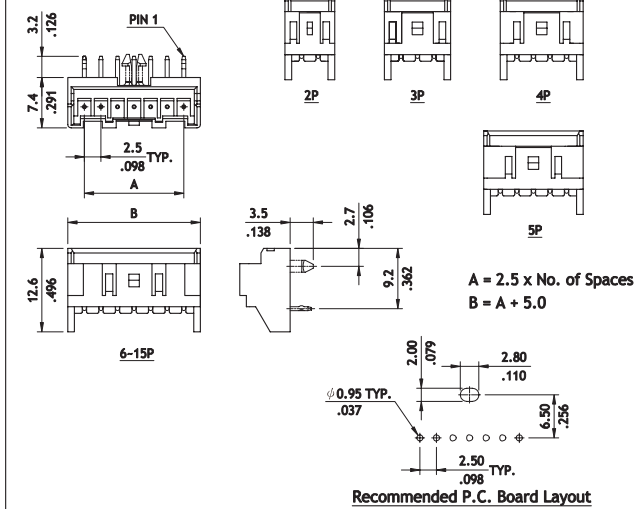


P/N CI60T021PE0



Wire Range AWG #22-#28	Insulation Diameter 1.90 (.075)MAX.	Reel Qty 8,000 PCS	Material Phosphor Bronze
---------------------------	---	-----------------------	-----------------------------

P/N CI60**P1HK0



Ordering Code

① C ② 15 ③ S ④ L ⑤ 000

- ① Series No.
- ② No. of Circuits: 02 ~ 15
- ③ S = Housing
- ④ L=With Locking Latch
- ⑤ Option: 000=Standard (Color Nature)

① C ② 15 ③ P ④ 1 ⑤ V ⑥ K0

- ① Series No.
- ② No. of Circuits: 02 ~ 15
- ③ P = Pin Header
- ④ Plating : 1= Tin over Nickel
- ⑤ Type : V = Straight Type
H =Right Angle
- ⑥ Other Option: K0= With Pin Kinked

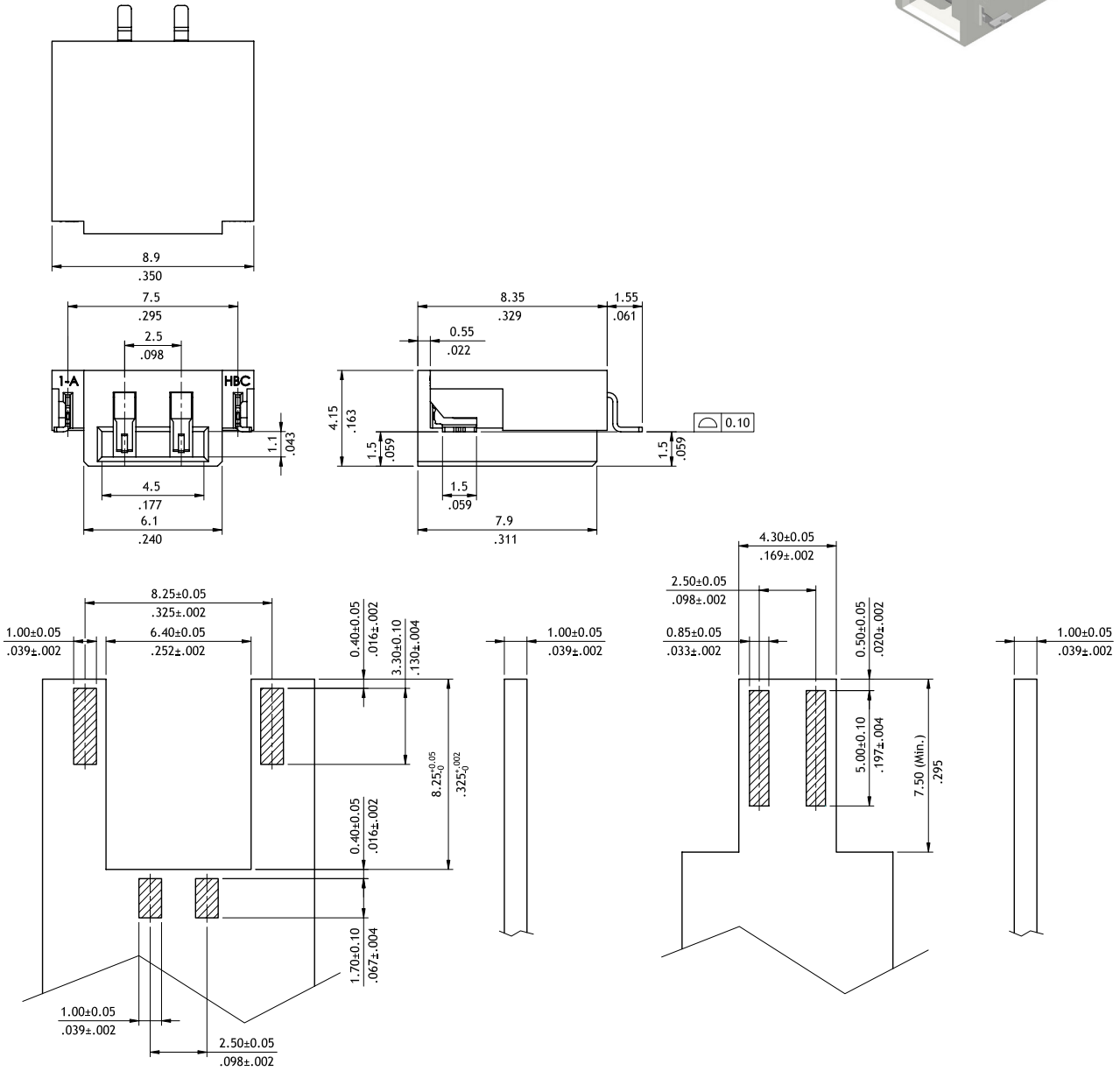
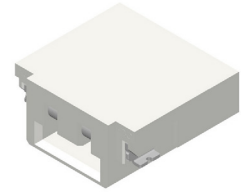
CI

WIRE TO BOARD CONNECTORS

CIL4 Series 2.5mm(.098") Wire to Board Connectors SMT Headers

⊙ With PAD for SMT Line pick and place machine

RoHS Compliant



Recommended Connector P.C.B Layout

Recommended Light Bar PCB Layout

Ordering Code	①	②	③	④	⑤	⑥	⑦	⑧						
	C	I	L	4	0	2	M	1	H	R	0	-	N	H

① Series No.
 ② No. of Circuits: 02
 ③ M = SMT Type
 ④ Plating Code:
 1 = Matte Tin over Nickel
 ⑤ Type: H = Side Entry
 ⑥ Packing Options:
 R=Tape & Reel
 ⑦ Options: 0 = Standard
 ⑧ NH = For Lead Free IR process and Halogen-Free

CI

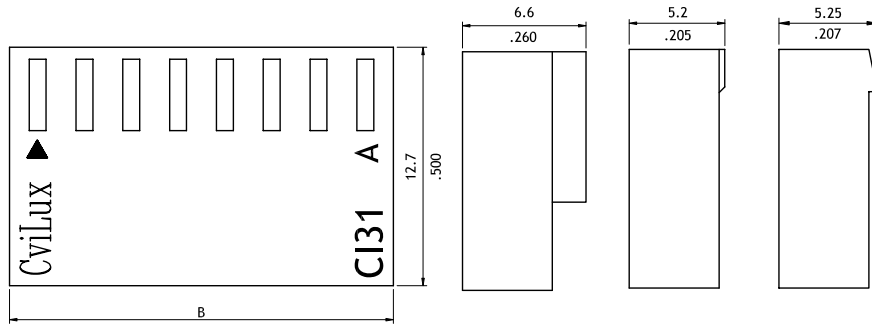
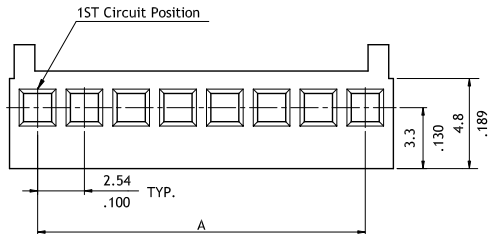
WIRE TO BOARD CONNECTORS

CI31 Series 2.54mm(.100") Wire to Board Connectors Housing & Terminal

- ⊙ With locking ramps and ribs
- ⊙ Mate with CI31, CH31, CI83 header
- ⊙ Can be used with CI31 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-2, Color Ivory
- ⊙ Terminal: Tin plated Brass or Phosphor Bronze

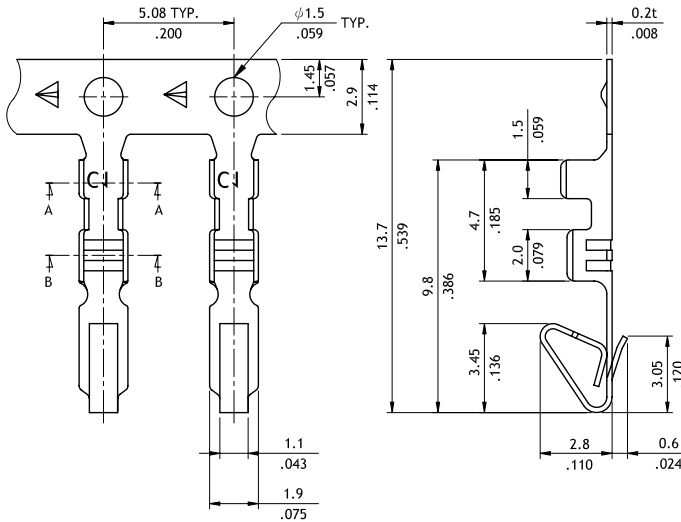


RoHS Compliant

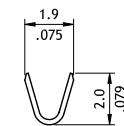


P/N:CI31**S0000 P/N:CI31**SNP00 P/N:CI31**S00R0

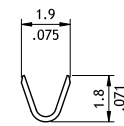
Circuits	Dimension	
	A	B
2	2.54(.100)	5.6(.220)
3	5.08(.200)	8.1(.319)
4	7.62(.300)	10.7(.421)
5	10.16(.400)	13.2(.520)
6	12.70(.500)	15.8(.622)
7	15.24(.600)	18.3(.720)
8	17.78(.700)	20.8(.819)
9	20.32(.800)	23.4(.921)
10	22.86(.900)	25.9(1.020)
11	25.40(1.000)	28.5(1.122)
12	27.94(1.100)	31.0(1.220)
13	30.48(1.200)	33.5(1.319)
14	33.02(1.300)	36.1(1.421)
15	35.56(1.400)	38.6(1.520)
16	38.10(1.500)	41.2(1.622)
17	40.64(1.600)	43.7(1.720)
18	43.18(1.700)	46.2(1.819)
19	45.72(1.800)	48.8(1.921)
20	48.26(1.900)	51.3(2.020)



Wire Range	Insulation Diameter	Reel Qty
AWG #22-#28	1.5 (.059) MAX.	10,000 PCS.



SEC: A-A



SEC: B-B

Ordering Code

① C I 3 1 ② 2 0 ③ S ④ 0 0 0 0

- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ S = Housing
- ④ Other Options:
 - 0000 = With Polarizing Ribs (Long)
 - 00R0 = With Polarizing Ribs (Short)
 - NP00 = Without Polarizing Rib
 - *Special options consult manufacturer

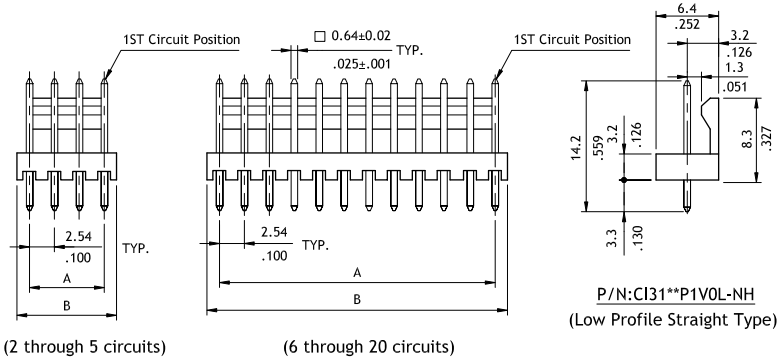
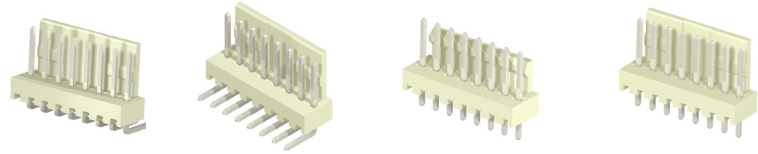
① C I 3 1 ② T 0 2 ③ 1 ④ B ⑤ E 0

- ① Series No.
- ② Type: T02 = AWG #22 ~ #28
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material : B = Brass
P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

CI31 Series 2.54mm(.100") Wire to Board Connectors DIP Headers

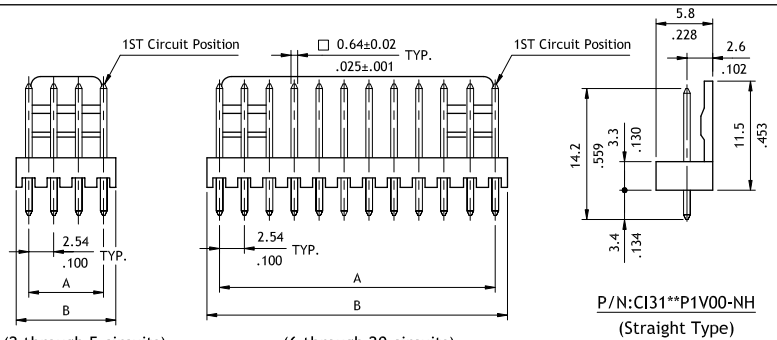
- With locking ramps and ribs
- Mate with CI31 Housing
- Insulator: High temperature plastic UL 94V-0, Color Nature
- Terminal: Matte Tin plated Brass

RoHS Compliant



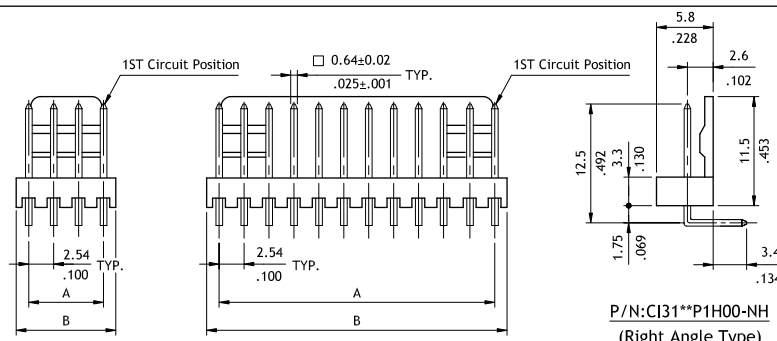
(2 through 5 circuits)

(6 through 20 circuits)



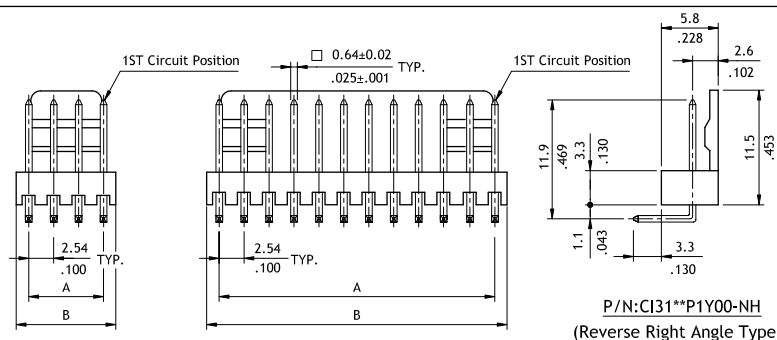
(2 through 5 circuits)

(6 through 20 circuits)



(2 through 5 circuits)

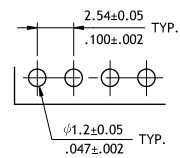
(6 through 20 circuits)



(2 through 5 circuits)

(6 through 20 circuits)

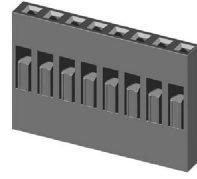
Circuits	Dimension	
	A	B
2	2.54(.100)	5.1(.201)
3	5.08(.200)	7.6(.299)
4	7.62(.300)	10.2(.402)
5	10.16(.400)	12.7(.500)
6	12.70(.500)	15.2(.598)
7	15.24(.600)	17.8(.701)
8	17.78(.700)	20.3(.799)
9	20.32(.800)	22.9(.902)
10	22.86(.900)	25.4(1.000)
11	25.40(1.000)	27.9(1.098)
12	27.94(1.100)	30.5(1.201)
13	30.48(1.200)	33.0(1.299)
14	33.02(1.300)	35.6(1.402)
15	35.56(1.400)	38.1(1.500)
16	38.10(1.500)	40.6(1.598)
17	40.64(1.600)	43.2(1.701)
18	43.18(1.700)	45.7(1.799)
19	45.72(1.800)	48.3(1.902)
20	48.26(1.900)	50.8(2.000)



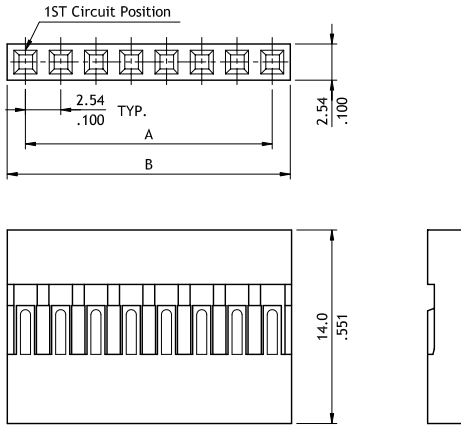
Recommended PCB Layout

CI32 Series 2.54mm(.100") Wire to Board Connectors Housing & Terminal

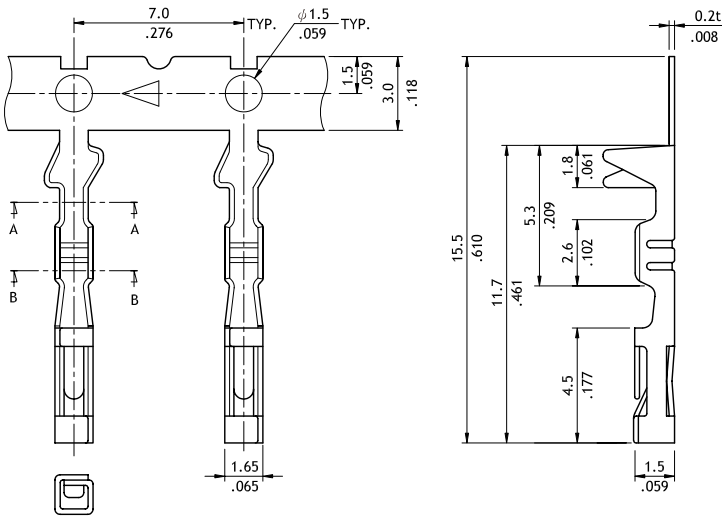
- ⊙ Mate with CH31, CH34 Header
- ⊙ Can be used with CI32 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-1, Color Black
- ⊙ Terminal: Tin or Gold flash plated Brass or Phosphor Bronze



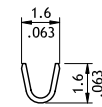
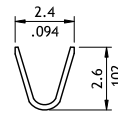
RoHS Compliant



Circuits	Dimension		Circuits	Dimension	
	A	B		A	B
1	----	2.8(.110)	21	50.80(2.000)	53.6(2.110)
2	2.54(.100)	5.3(.209)	22	53.34(2.100)	56.2(2.213)
3	5.08(.200)	7.8(.307)	23	55.88(2.200)	58.7(2.311)
4	7.62(.300)	10.4(.410)	24	58.42(2.300)	61.3(2.413)
5	10.16(.400)	12.9(.508)	25	60.96(2.400)	63.8(2.512)
6	12.70(.500)	15.4(.606)	26	63.50(2.500)	66.3(2.610)
7	15.24(.600)	18.0(.709)	27	66.04(2.600)	68.9(2.713)
8	17.78(.700)	20.5(.807)	28	68.58(2.700)	71.4(2.811)
9	20.32(.800)	23.1(.909)	29	71.12(2.800)	74.0(2.913)
10	22.86(.900)	25.6(1.008)	30	73.66(2.900)	76.5(3.012)
11	25.40(1.000)	28.1(1.106)	31	76.20(3.000)	79.0(3.110)
12	27.94(1.100)	30.7(1.209)	32	78.74(3.100)	81.6(3.213)
13	30.48(1.200)	33.2(1.307)	33	81.28(3.200)	84.1(3.311)
14	33.02(1.300)	35.8(1.409)	34	83.82(3.300)	86.7(3.413)
15	35.56(1.400)	38.3(1.508)	35	86.36(3.400)	89.2(3.512)
16	38.10(1.500)	40.8(1.606)	36	88.90(3.500)	91.7(3.610)
17	40.64(1.600)	43.4(1.709)	37	91.44(3.600)	94.3(3.713)
18	43.18(1.700)	45.9(1.807)	38	93.98(3.700)	96.8(3.811)
19	45.72(1.800)	48.5(1.909)	39	96.52(3.800)	99.4(3.913)
20	48.26(1.900)	51.1(2.012)	40	99.06(3.900)	101.9(4.012)



Wire Range	Insulation Diameter	Reel Qty
AWG #22-#28	1.7 (.067) MAX.	10,000 PCS



Ordering Code

① C ② I ③ 3 ④ 2 ⑤ 4 ⑥ 0
C I 3 2 4 0 S 0 0 1 0

① C ② I ③ 3 ④ 2 ⑤ 4 ⑥ 0
C I 3 2 T 0 2 A B E 0

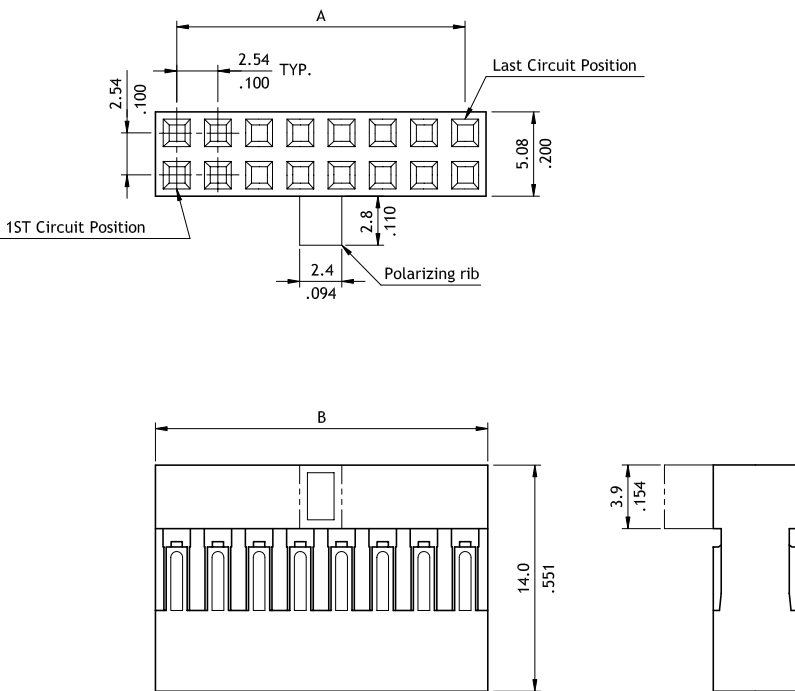
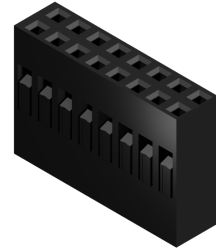
- ① Series No.
- ② No. of Circuits: 01 ~ 40
- ③ S = Housing
- ④ Other Options : 0010 = Color Black
 *Special options consult manufacturer

- ① Series No.
- ② Type: T02 = AWG #22 ~ #28
- ③ Plating Code:
 1 = Tin over Nickel
 A = Selective Gold flash over Nickel
- ④ Material: B = Brass ; P =Phosphor Bronze
- ⑤ Other Options:E0 = Standard

CI34 Series 2.54mm(.100") Dual Row Wire to Board Connectors Housing

- ⊙ With polarizing rib
- ⊙ Mate with CH81, CH84, and CH87 Header
- ⊙ Can be used with CI32 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-1, Color Black

RoHS Compliant



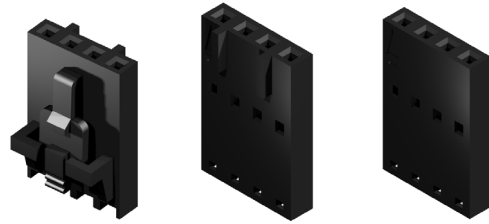
Circuits	Dimension	
	A	B
4	2.54(.100)	5.1(.201)
6	5.08(.200)	7.6(.299)
8	7.62(.300)	10.2(.402)
10	10.16(.400)	12.7(.500)
12	12.70(.500)	15.2(.598)
14	15.24(.600)	17.8(.701)
16	17.78(.700)	20.3(.799)
18	20.32(.800)	22.9(.902)
20	22.86(.900)	25.4(1.000)
22	25.40(1.000)	27.9(1.098)
24	27.94(1.100)	30.5(1.201)
26	30.48(1.200)	33.0(1.299)
28	33.02(1.300)	35.6(1.402)
30	35.56(1.400)	38.1(1.500)
32	38.10(1.500)	40.6(1.598)
34	40.64(1.600)	43.2(1.701)
36	43.18(1.700)	45.7(1.799)
38	45.72(1.800)	48.3(1.902)
40	48.26(1.900)	50.8(2.000)

Ordering Code	①	②	③	④
C I 3 4	4 0	S	0 0 1 0	
<p>① Series No.</p> <p>② No. of Circuits: 04 ~ 40</p> <p>③ S = Housing</p>	<p>④ Other Options:</p> <p>0010 = Color Black, Without Polarizing Rib</p> <p>001A = Color Black, With Polarizing Rib</p> <p>*Special options consult manufacturer</p>			

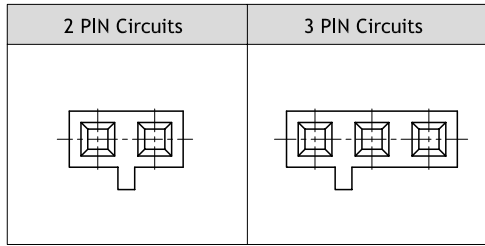
CI33 Series 2.54mm(.100") Single Row Wire to Board Connectors Housing

- ⊙ With positive locking ribs and latch
- ⊙ Mate with CI33 Headers
- ⊙ Can be used with CI33 crimp clip terminal
- ⊙ Insulator: Glass filled polyester UL 94V-0, Color Black

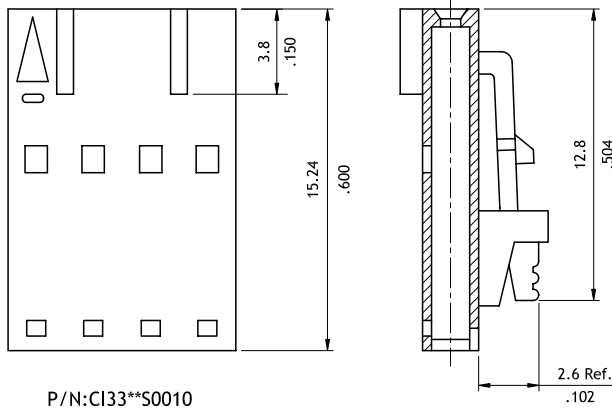
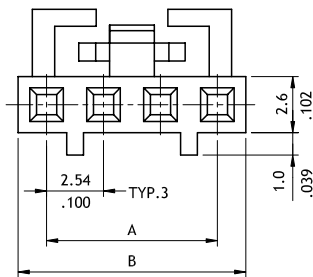
RoHS Compliant 



CI



Circuits	Dimension	
	A	B
2	2.54(.100)	5.2(.205)
3	5.08(.200)	7.7(.303)
4	7.62(.300)	10.3(.406)
5	10.16(.400)	12.8(.504)
6	12.70(.500)	15.2(.598)
7	15.24(.600)	17.9(.705)
8	17.78(.700)	20.4(.803)
9	20.32(.800)	23.0(.906)
10	22.86(.900)	25.5(1.004)
11	25.40(1.000)	28.0(1.102)
12	27.94(1.100)	30.6(1.205)
13	30.48(1.200)	33.1(1.303)
14	33.02(1.300)	35.7(1.406)
15	35.56(1.400)	38.2(1.504)
16	38.10(1.500)	40.7(1.602)
17	40.64(1.600)	43.3(1.705)
18	43.18(1.700)	45.8(1.803)



P/N:CI33**S0010

Ordering Code

① ② ③ ④

C I 3 3 1 8 S 0 0 1 0

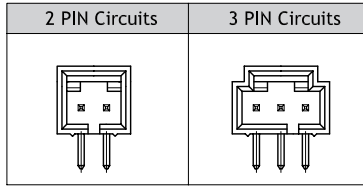
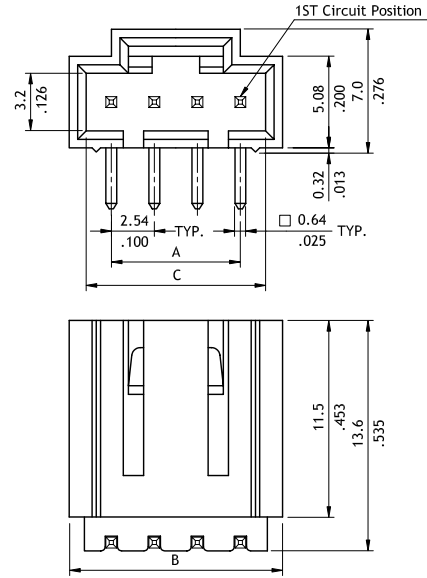
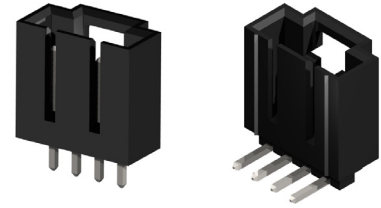
- ① Series No.
- ② No. of Circuits: 02 ~ 18
- ③ Type:S00 = With latch and locking ribs
- ④ Other Options
10 = Color Black (Standard)

WIRE TO BOARD CONNECTORS

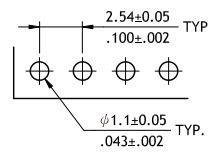
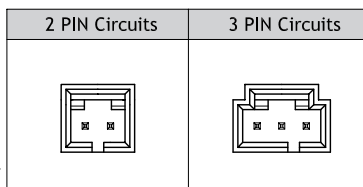
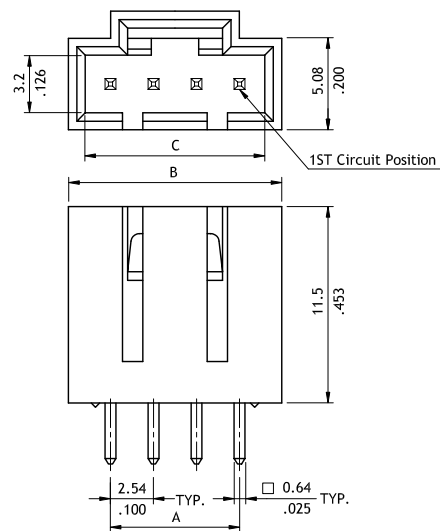
CI33 Series 2.54mm(.100") Single Row Wire to Board DIP Headers

- ⊙ Box type with locking slot
- ⊙ Mate with CI33 Single Row Housing
- ⊙ Insulator: Glass filled polyester UL 94V-0, Color Black
- ⊙ With Tin plated 0.64mm square pin

RoHS Compliant



Circuits	Dimension		
	A	B	C
2	2.54(.100)	7.64(.301)	5.52(.217)
3	5.08(.200)	10.18(.401)	8.06(.317)
4	7.62(.300)	12.72(.501)	10.6(.417)
5	10.16(.400)	15.26(.601)	13.14(.517)
6	12.7(.500)	17.8(.701)	15.68(.617)
7	15.24(.600)	20.34(.801)	18.22(.717)
8	17.78(.700)	22.88(.901)	20.76(.817)
9	20.32(.800)	25.42(1.000)	23.3(.917)
10	22.86(.900)	27.96(1.101)	25.84(1.017)
11	25.4(1.000)	30.5(1.201)	28.38(1.117)
12	27.94(1.100)	33.04(1.301)	30.92(1.217)
13	30.48(1.200)	35.58(1.401)	33.46(1.317)
14	33.02(1.300)	38.12(1.501)	36.0(1.417)
15	35.56(1.400)	40.66(1.601)	38.54(1.517)
16	38.1(1.500)	43.2(1.701)	41.08(1.617)
17	40.64(1.600)	45.74(1.801)	43.62(1.717)
18	43.18(1.700)	48.28(1.901)	46.16(1.817)



Recommended P.C. Board Layout

Ordering Code

① ② ③ ④ ⑤ ⑥

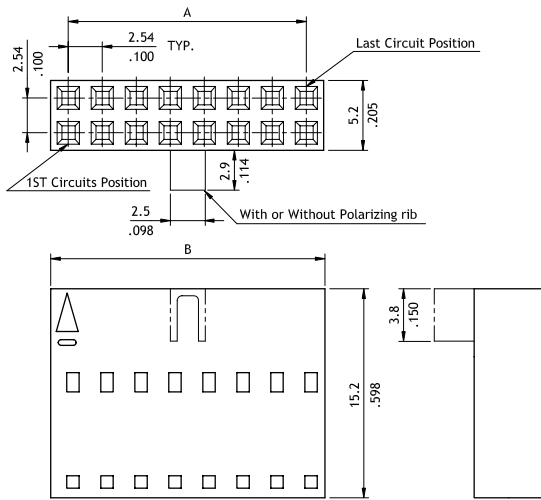
C I 3 3 1 8 P 1 V 1 0

- ① Series No.
- ② No. of Circuits: 02 ~ 18
- ③ P = DIP Header
- ④ Plating Code:
1 = Tin over Nickel
2 = Gold flash over Nickel
- ⑤ Type: V = Straight
H = Right Angle
- ⑥ Other Options:
10 = Color Black (Standard)
*Special options consult manufacturer

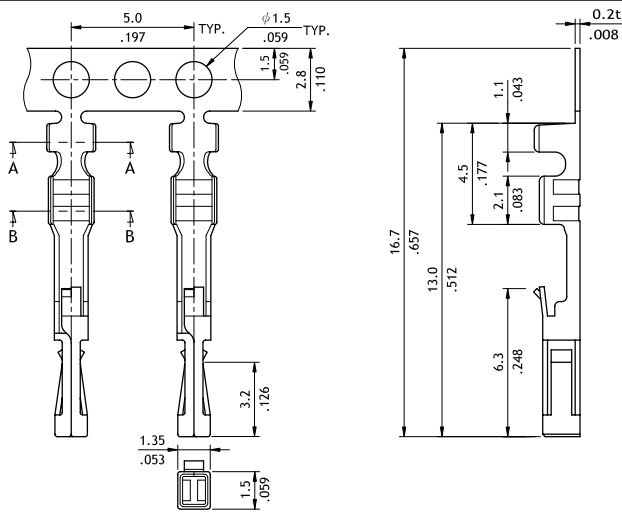
CI33 Series 2.54mm(.100") Dual Row Wire to Board Connectors

- ⊙ With positive locking latch
- ⊙ Mate with CH81, CH84, and CH87 Header
- ⊙ Can be used with CI33 crimp clip terminal
- ⊙ Insulator: Glass filled polyester UL 94V-0, Color Black
- ⊙ With Tin plated Phosphor Bronze

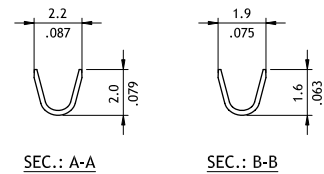
RoHS Compliant



Circuits	Dimension		Circuits	Dimension	
	A	B		A	B
4	2.54(.100)	5.2(.205)	34	40.64(1.600)	43.3(1.705)
6	5.08(.200)	7.7(.303)	36	43.18(1.700)	45.9(1.807)
8	7.62(.300)	10.3(.406)	38	45.72(1.800)	48.4(1.906)
10	10.16(.400)	12.8(.504)	40	48.26(1.900)	50.9(2.004)
12	12.7(.500)	15.4(.606)	42	50.8(2.000)	53.5(2.106)
14	15.24(.600)	17.9(.705)	44	53.34(2.100)	56.0(2.205)
16	17.78(.700)	20.5(.807)	46	55.88(2.200)	58.6(2.307)
18	20.32(.800)	23.0(.906)	48	58.42(2.300)	61.1(2.406)
20	22.86(.900)	25.5(1.004)	50	60.96(2.400)	63.6(2.504)
22	25.4(1.000)	28.1(1.106)	52	63.5(2.500)	66.2(2.606)
24	27.94(1.100)	30.6(1.205)	54	66.04(2.600)	68.7(2.705)
26	30.48(1.200)	33.2(1.307)	56	68.58(2.700)	71.3(2.807)
28	33.02(1.300)	35.7(1.406)	58	71.12(2.800)	73.8(2.906)
30	35.56(1.400)	38.2(1.504)	60	73.66(2.900)	76.3(3.006)
32	38.1(1.500)	40.8(1.606)			



Wire Range	Insulation Diameter	Reel Q'ty
AWG #22-#28	1.7 (.067) MAX.	15,000 PCS.



Ordering Code

① C ② 133 ③ S ④ 0 D 10

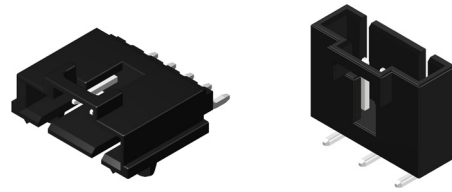
- ① Series No.
- ② No. of Circuits: 04 ~ 60
- ③ S = Housing
- ④ Other Options:
 OD10 = Without Polarizing Rib (04~60 Pin)
 OD1A = With Polarizing Rib (04,06,10,12,16,24,30 Pin)
 *Special options consult manufacturer

① C ② 133 ③ T02 ④ 1 ⑤ P E0

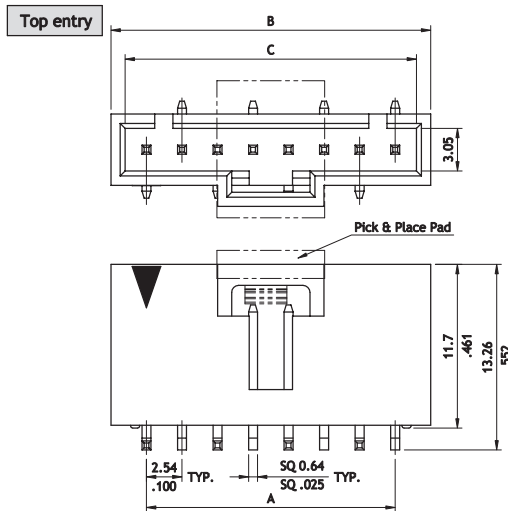
- ① Series No.
- ② Type: T02 = AWG #22 ~ #28
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

CI33 Series 2.54mm(.100") Single Row Wire to Board SMT Headers

- ⊙ With positive locking latch
- ⊙ Mate with CH81, CH84, and CH87 Header
- ⊙ Can be used with CI33 crimp clip terminal
- ⊙ Insulator: Glass filled polyester UL 94V-0, Color Black
- ⊙ With Tin plated Phosphor Bronze



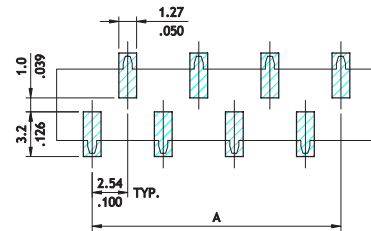
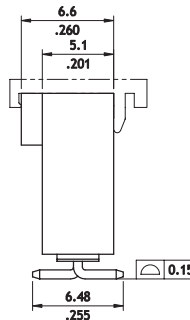
RoHS Compliant



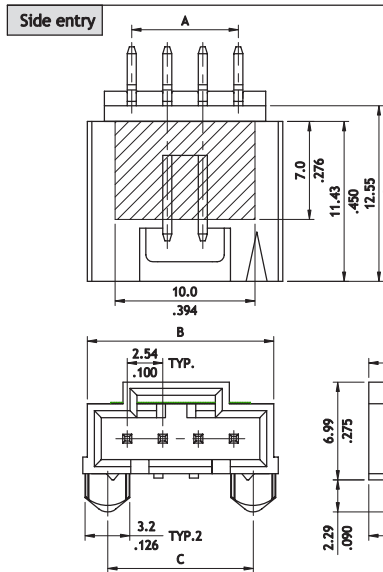
$$A = 2.54 \times (\text{No. of Contact} - 1)$$

$$B = A + 5.08$$

$$C = A + 3.05$$



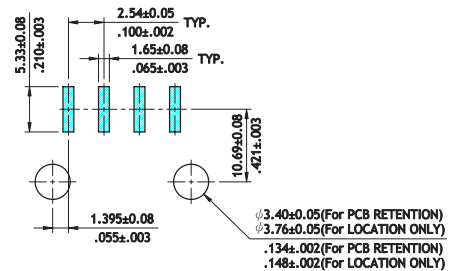
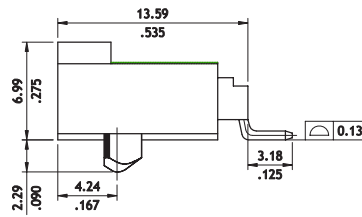
Recommended P.C. Board Layout
General Tolerance ±0.05



$$A = 2.54 \times (\text{No. of Contact} - 1)$$

$$B = A + 6.35$$

$$C = A + 2.79$$



Recommended P.C. Board Layout

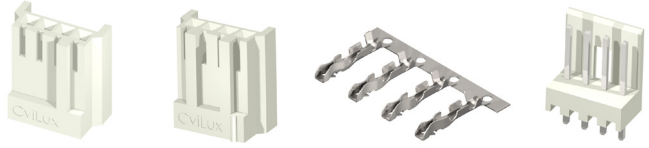
Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
C I 3 3 1 2 M 1 V 1 0 - NH

- ① Series No.
- ② No. of Circuits : 2~12
- ③ Contact type: M= SMT Type
- ④ Plating Options:
1= Matte Tin over Nickel
- ⑤ Tail style: Type : V= Top Entry , H = Side Entry
- ⑥ Color option: 1=Color Black
- ⑦ Other option: 0 = Standard
- ⑧ NH= For Lead Free IR Processes and Halogen Free

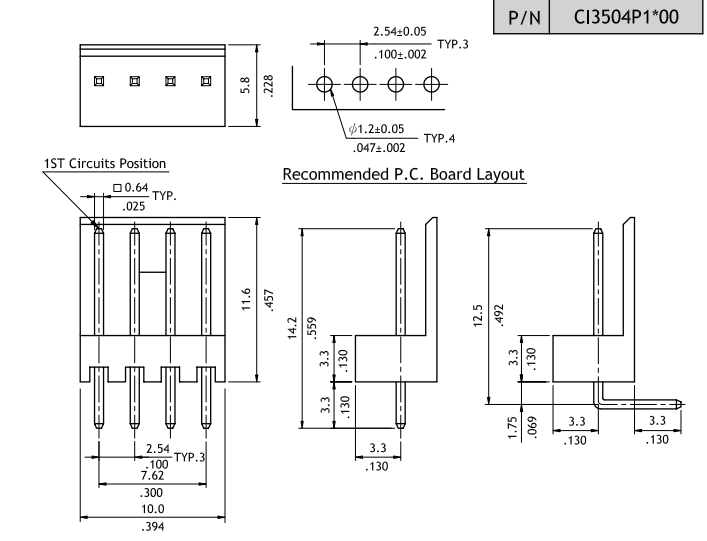
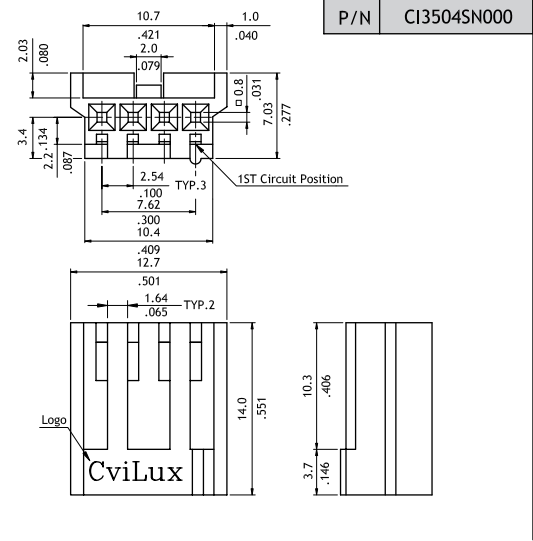
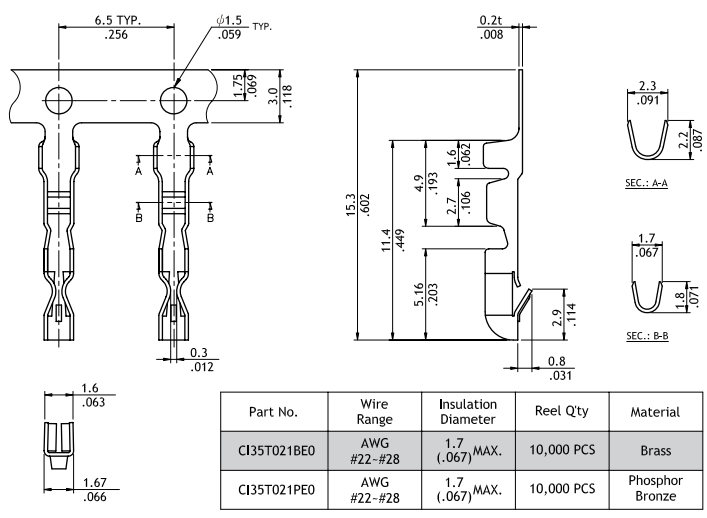
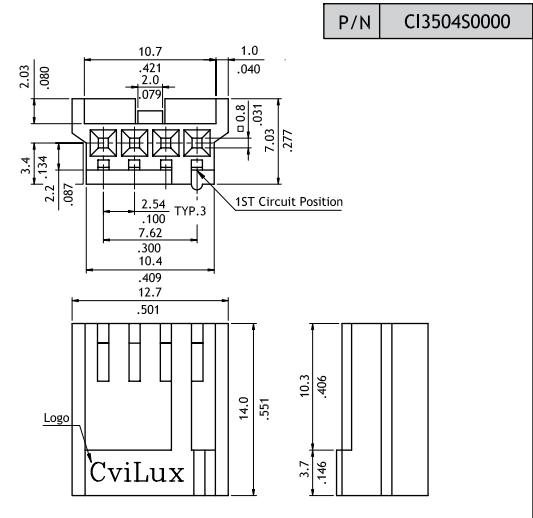
CI35 Series 2.54mm(.100") Wire to Board Connectors

- ⊙ Housing with locking Ribs
- ⊙ Header with locking wall
- ⊙ Can be used with CI35 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-0, Color Nature
- ⊙ With Tin plated 0.64mm square pin
- ⊙ Terminal: Tin plated Brass, Phosphor Bronze



RoHS Compliant

CI



Ordering Code

① ② ③ ④
C I 3 5 0 4 S 0 0 0 0

- ① Series No.
- ② No. of Circuits: 04
- ③ S = Housing
- ④ Other Options:
 0000 = Single Rib (Standard)
 N000 = Dual Ribs
 *Special options consult manufacturer

① ② ③ ④ ⑤ ⑥
C I 3 5 0 4 P 1 V 0 0

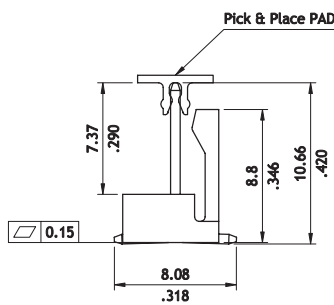
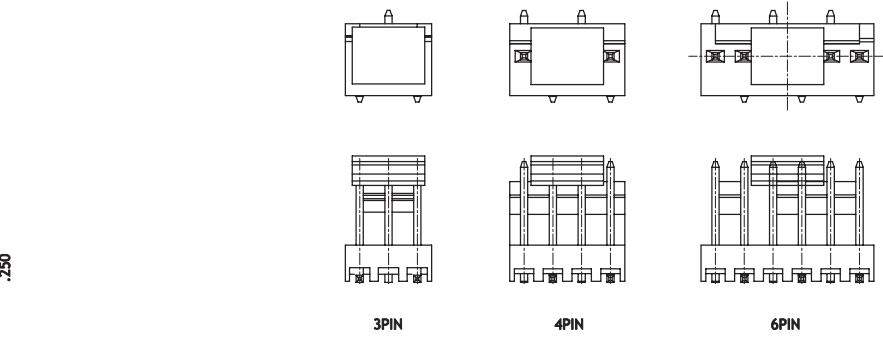
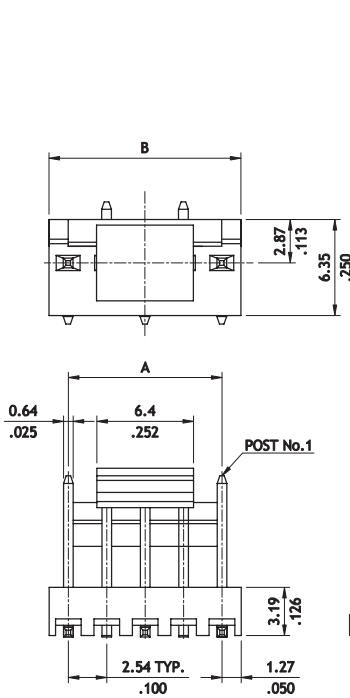
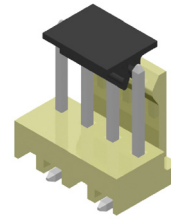
- ① Series No.
- ② No. of Circuits: 04
- ③ P = Pin Header
- ④ Plating Code: 1 = Tin over Nickel
- ⑤ Type: V = Straight ; H = Right Angle
- ⑥ Other Options: 00 = Standard
 *Special options consult manufacturer

WIRE TO BOARD CONNECTORS

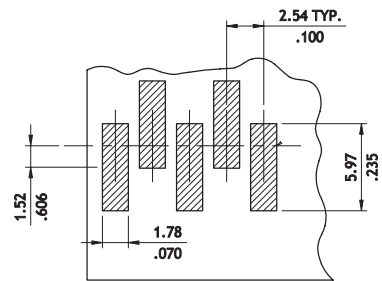
CI39 Series 2.54mm(.100") Wire to Board Connectors SMT Headers

- ⊙ Locking wall provide secure mating
- ⊙ With PAD for SMT Line pick and place machine
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ With Tin plated SMT type contact

RoHS Compliant



A = 2.54 x No. of Spaces
B = A + 2.54



Recommended P.C. Board Layout

Ordering Code	①	②	③	④	⑤	⑥	⑦	⑧
	CI39	04	M	1	V	R	0	NH

① Series No.
 ② No. of Circuits: 03 ~ 06
 ③ M = SMT Type
 ④ Plating Code:
 1 = Matte Tin over Nickel
 ⑤ Type: V = Straight
 ⑥ Packing Options: R = Tape & Reel
 ⑦ Other Options: 0 = Standard
 ⑧ NH = For Lead Free IR process and Halogen-Free

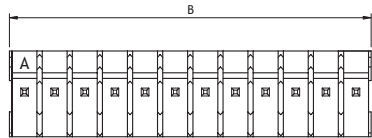
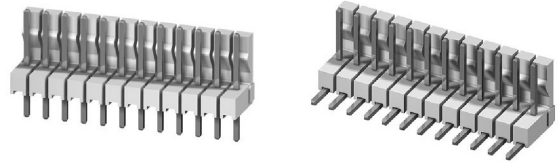
CI

WIRE TO BOARD CONNECTORS

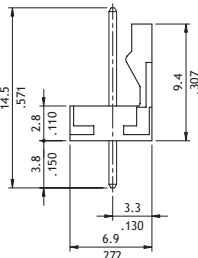
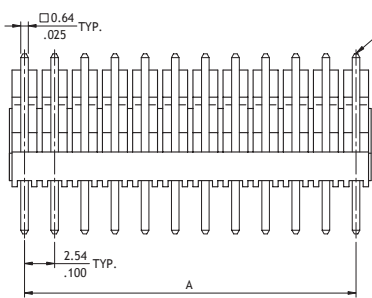
CI83 Series 2.54mm(.100") Friction Lock Breakaway Headers

- ⊙ Options with straight and right angle tails
- ⊙ Available with flat back wall for polarization
- ⊙ Mate with most of 2.54mm pitch connector in the market*
- ⊙ Insulator: Glass filled polyester UL 94V-0, Color White
- ⊙ With Tin plated 0.64mm square pin

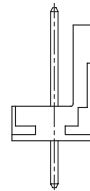
RoHS Compliant 



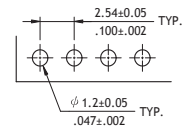
A = 2.54 x No. of Spaces
B = A + 2.54



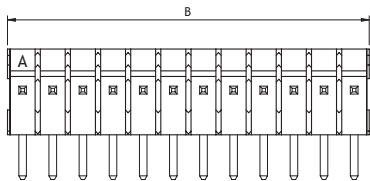
P/N: CI83**P*V00



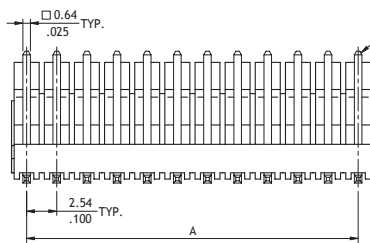
P/N: CI83**P*VOL



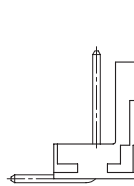
Recommended PCB Layout



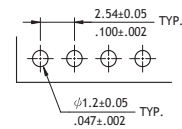
A = 2.54 x No. of Spaces
B = A + 2.54



P/N: CI83**P*H00



P/N: CI83**P*H0L



Recommended PCB Layout

Ordering Code

① ② ③ ④ ⑤ ⑥
C I 8 3 3 6 P 1 V 0 0

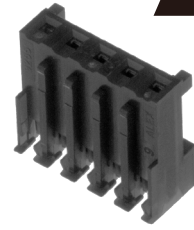
- ① Series No.
- ② No. of Circuits: 02 ~ 36
- ③ P = DIP Header
- ④ Plating Code :1 = Tin over Nickel

- ⑤ Type: V = Straight
H = Right Angle
- ⑥ Other Options:
00 = With Locking Ramp (Standard)
0L = Without Locking Ramp
*Special options consult manufacturer

CID2 Series 2.54mm(.100") IDC Type Connectors

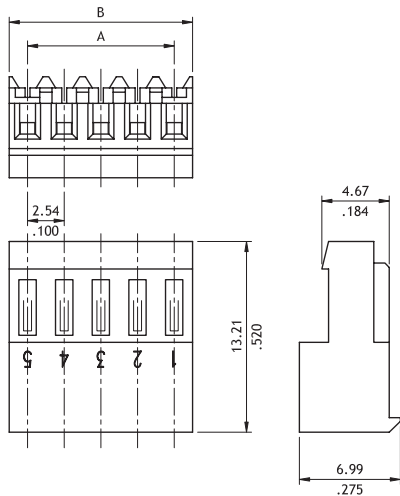
- ⊙ Terminal: Tin-plated Phosphor Bronze
- ⊙ Housing: Nylon 66 UL 94V-2
- ⊙ With or without locking ramp and polarizing tabs
- ⊙ Feed-Thru and Closed End type
- ⊙ Wire range AWG #22 ~ #28 (Flat ribbon wire)
- ⊙ Mate with CI31 Headers

NEW

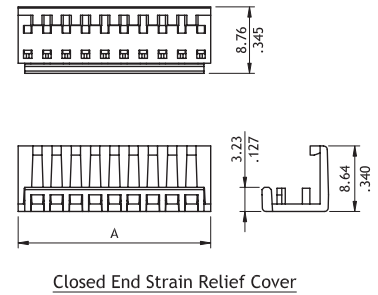
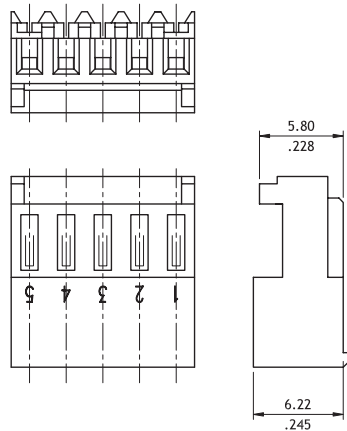


RoHS Compliant

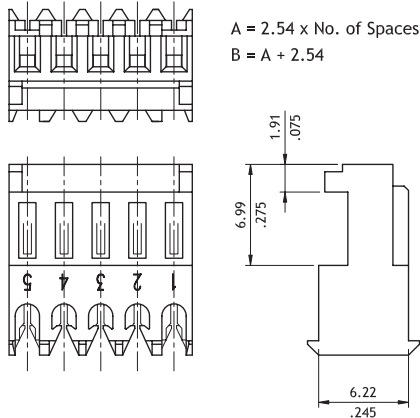
Closed End type
Without Polarizing Tabs



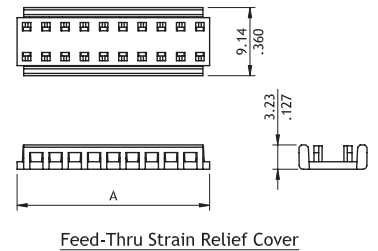
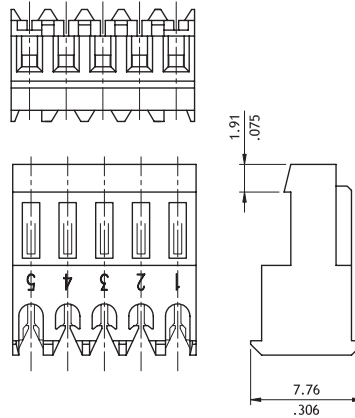
Closed End type
With Polarizing Tabs



Feed-Thru type
With Polarizing Tabs



Feed-Thru type
Without Polarizing Tabs



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
C I D 2 2 4 S 1 A 0 0

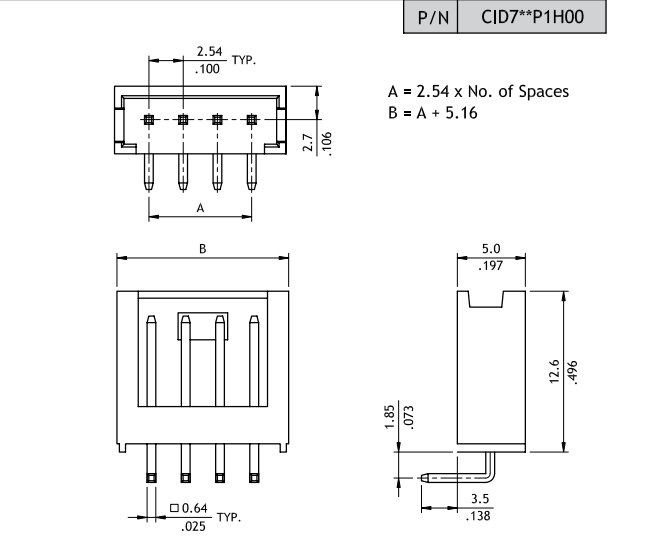
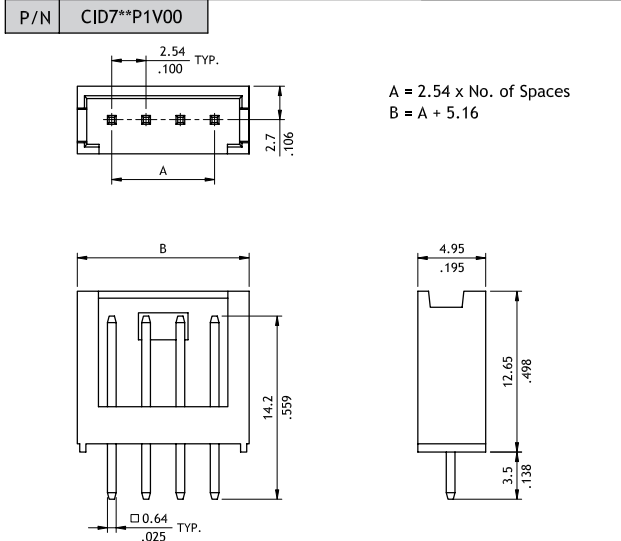
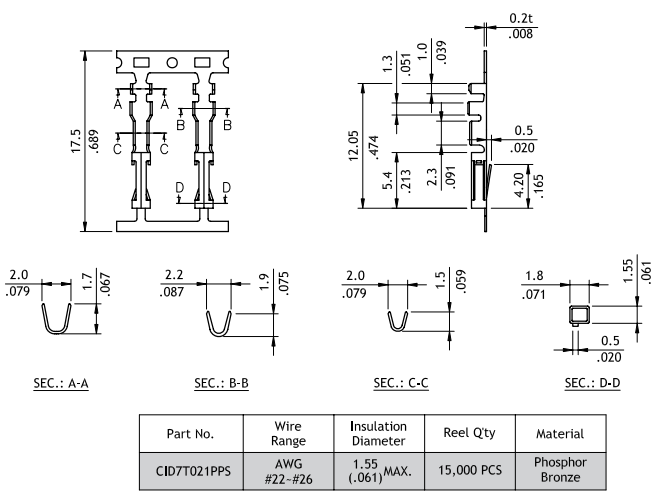
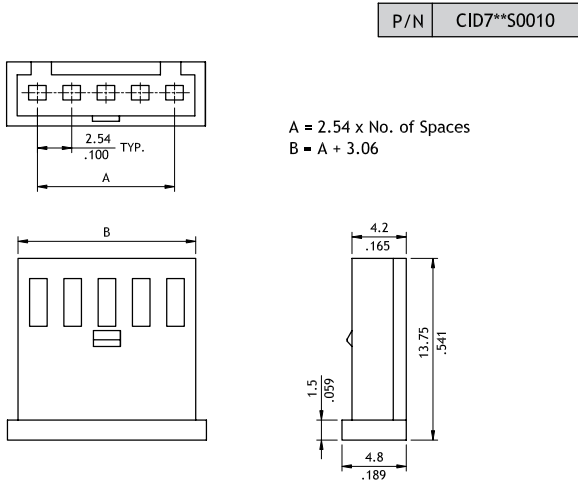
- ① Series No.
- ② No. of Circuits: 02 ~ 24
- ③ S = Housing
- ④ Plating Code: 1 = Tin over Nickel
- ⑤ Type : A = Closed End Type
B = Feed-Thru Type

- ⑥ Color Options:
0 = Color white, for AWG #24
3 = Color red, for AWG #22
6 = Color green, for AWG #28
7 = Color blue, for AWG #26
- ⑦ Other Options:
0 = W/O Polarizing Tabs
P = With Polarizing Tabs

CID7 2.54mm (.100") Wire to Board Housing / Terminal & DIP Headers

- ⊙ Box type with locking slot
- ⊙ Insulator : Glass filled polyester UL 94V-0 , color black
- ⊙ With Tin plated 0.64mm square pin

RoHS Compliant



Ordering Code

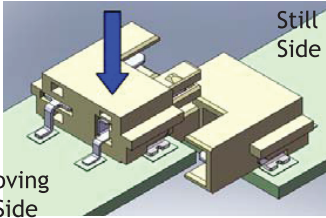
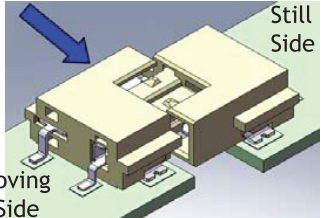
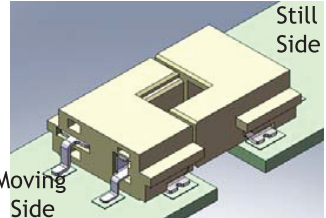
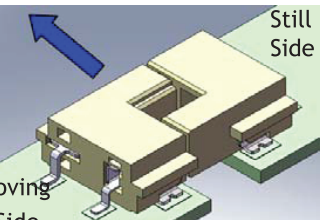
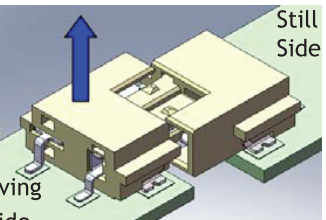
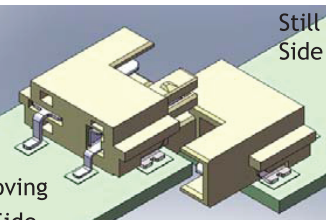
① ② ③ ④
C I D 7 1 0 S 0 0 1 0

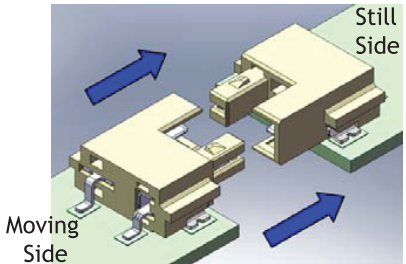
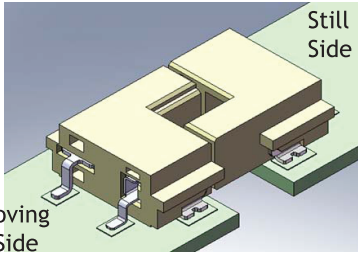
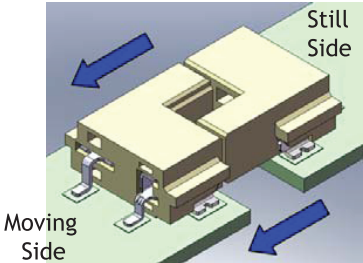
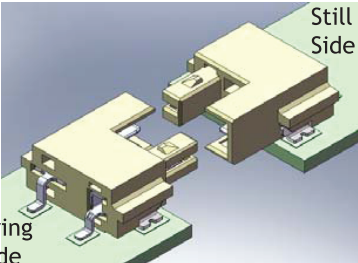
- ① Series No.
- ② No. of Circuits: 02 ~ 10
- ③ S = Housing
- ④ Other Option:
0010= Color Black (Standard)

① ② ③ ④ ⑤ ⑥
C I D 7 1 0 P 1 V 0 0

- ① Series No.
- ② No. of Circuits: 02 ~ 10
- ③ P = DIP Header
- ④ Plating Code: 1= Tin over Nickel
- ⑤ Type : V= Straight
H= Right Angle
- ⑥ Other Option: 00 = Standard

CIL1 Series 3.50mm(.138") Board to Board Connectors

Mating Option 1			
Mating	 <p>Step 1: Put the moving side vertically above the still side. Then, move it downward.</p>	 <p>Step 2: Push the moving side horizontally into the still side.</p>	 <p>Step 3: Done</p>
Unmating	 <p>Step 1: Push out the moving side horizontally from the still side.</p>	 <p>Step 2: Rise the moving side vertically after it separated from the still side.</p>	 <p>Step 3: Done</p>

Mating Option 2		
Mating	 <p>Step 1: Push in the moving side into the still side horizontally the still side.</p>	 <p>Step 2: Done</p>
Unmating	 <p>Step 1: Push out the moving side horizontally from the still side.</p>	 <p>Step 2: Done</p>

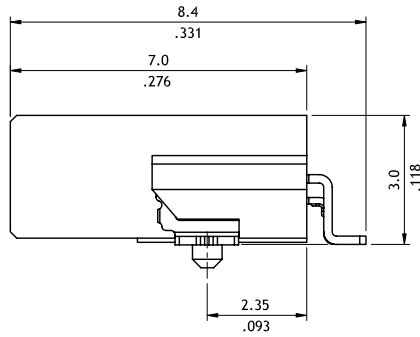
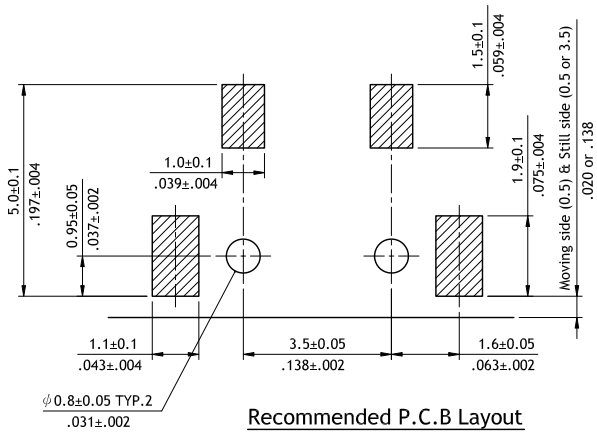
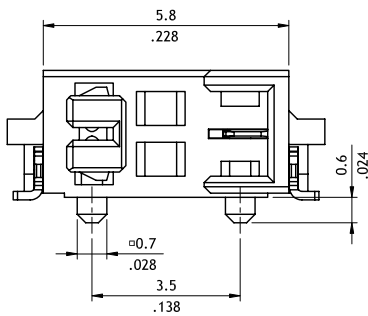
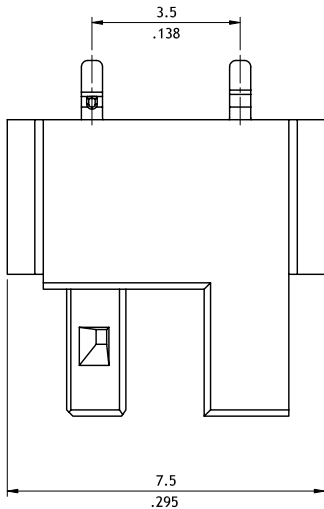
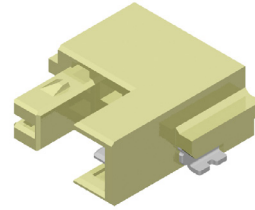
CI

WIRE TO BOARD CONNECTORS

CIL1 Series 3.50mm(.138") Board to Board Connectors

- ⦿ Simplify manufacturing procedure
- ⦿ Reduce the Cost
- ⦿ Insulator: High temperature plastic UL 94V-0

RoHS Compliant   



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
C I L 1 0 2 M 1 H R 0 - N H

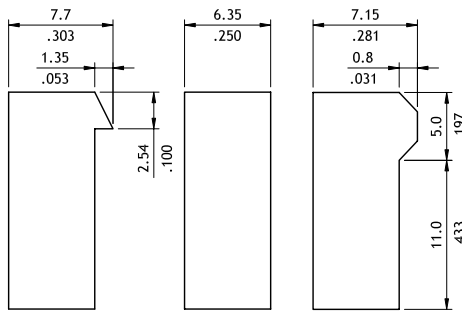
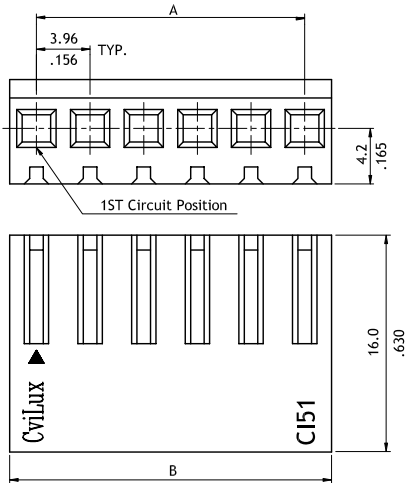
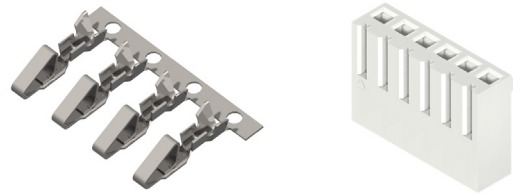
- ① Series No.
- ② No. of Circuits: 02
- ③ M = SMT Type
- ④ Plating Code :1 = Matte Tin over Nickel
- ⑤ Type: H = Side Entry

- ⑥ Packing Options:
R = Tape & Reel
- ⑦ Other Options:
0 = Standard
- ⑧ NH = For Lead Free IR process and Halogen-Free

CI51 Series 3.96mm(.156") Wire to Board Connectors Housing & Terminal

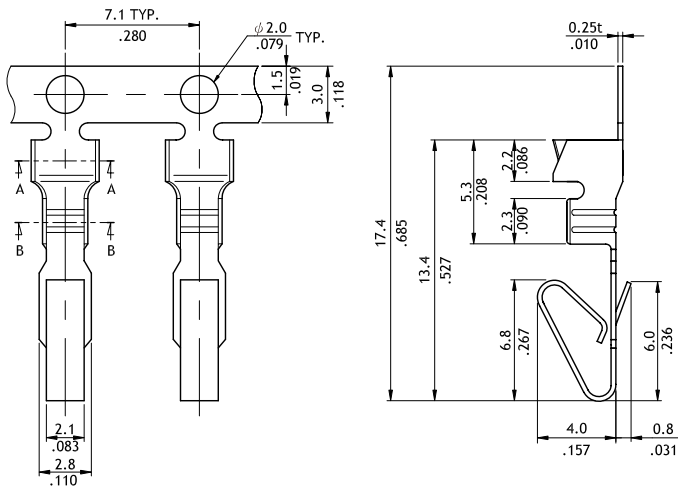
- ⊙ With locking ramp
- ⊙ Mate with CI51, CI77 Header
- ⊙ Can be used with CI51 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-2, Color Nature
- ⊙ Terminal: Tin plated Phosphor Bronze

RoHS Compliant

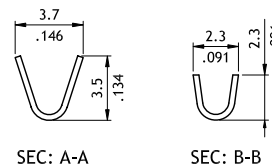


Circuits	Dimension	
	A	B
2	3.96(.156)	8.0(.315)
3	7.92(.312)	12.0(.472)
4	11.88(.468)	15.9(.626)
5	15.84(.624)	19.9(.783)
6	19.80(.780)	23.9(.941)
7	23.76(.935)	28.0(1.102)
8	27.72(1.091)	32.0(1.260)
9	31.68(1.247)	35.9(1.413)
10	35.64(1.403)	39.9(1.571)
11	39.60(1.559)	43.9(1.728)
12	43.56(1.715)	47.8(1.882)
13	47.52(1.871)	51.8(2.039)
14	51.48(2.027)	55.7(2.193)
15	55.44(2.183)	59.7(2.350)
16	59.40(2.339)	63.7(2.508)
17	63.36(2.494)	67.6(2.661)
18	67.32(2.650)	71.6(2.819)
19	71.28(2.806)	75.5(2.972)
20	75.24(2.962)	79.5(3.130)

P/N:CI51**S0000 P/N:CI51**S000R P/N:CI51**S00DR



Wire Range	Insulation	Reel Qty
AWG #18-#24	2.10 (.083) MAX.	5,000 PCS



Ordering Code

① C ② 15 ③ 1 ④ 20 S ⑤ 0000

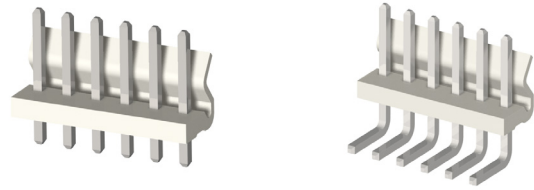
- ① Series No.
- ② No. of Circuits: 02 ~ 20
- ③ S = Housing
- ④ Other Options:
0000 = With Locking Ramp (Standard)
000R = Without Locking Ramp
00DR = Low force Locking Ramp
*Special options consult manufacturer

① C ② 15 ③ 1 ④ T03 ⑤ 1 P E0

- ① Series No.
- ② Type: T03 = AWG #18 ~ #24
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

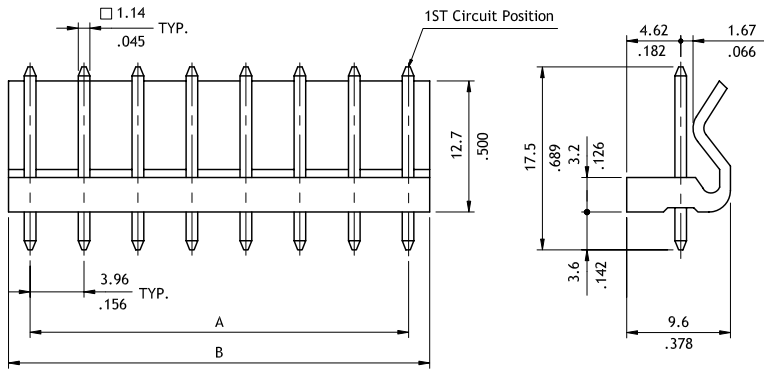
CI51 Series 3.96mm(.156") Wire to Board Connectors DIP Headers

- ⊙ With locking wall
- ⊙ Mate with CI51 Housing
- ⊙ Insulator: Nylon 66 UL 94V-2, Color Nature
- ⊙ With Tin plated 1.14mm square pin

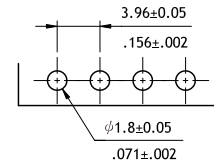
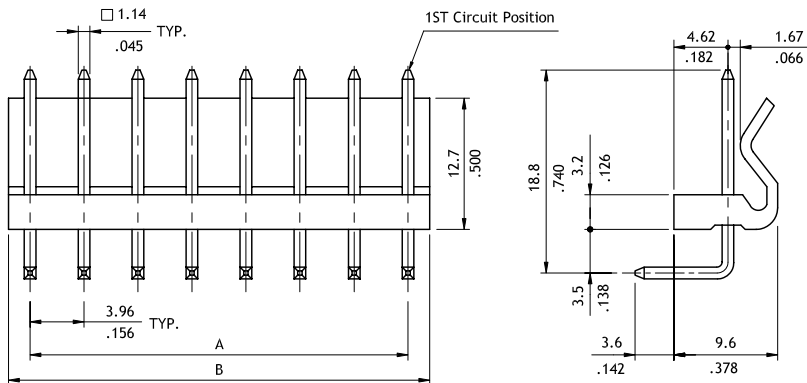


RoHS Compliant  

CI



Circuits	Dimension	
	A	B
2	3.96(.156)	7.92(.312)
3	7.92(.312)	11.88(.468)
4	11.88(.468)	15.84(.624)
5	15.84(.624)	19.8(.780)
6	19.80(.780)	23.76(.935)
7	23.76(.935)	27.72(1.091)
8	27.72(1.091)	31.68(1.247)
9	31.68(1.247)	35.64(1.403)
10	35.64(1.403)	39.6(1.559)
11	39.60(1.559)	43.56(1.715)
12	43.56(1.715)	47.52(1.871)
13	47.52(1.871)	51.48(2.027)
14	51.48(2.027)	55.44(2.183)
15	55.44(2.183)	59.4(2.339)
16	59.40(2.339)	63.36(2.494)
17	63.36(2.494)	67.32(2.650)
18	67.32(2.650)	71.28(2.806)
19	71.28(2.806)	75.24(2.962)
20	75.24(2.962)	79.2(3.118)



Recommended P.C. Board Layout

Ordering Code

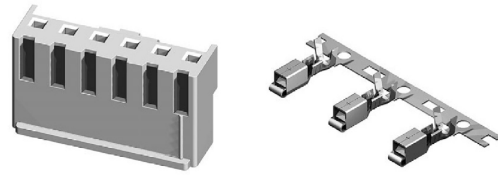
① ② ③ ④ ⑤ ⑥
C I 5 1 2 0 P 1 V 0 0

- ① Series No.
 - ② No. of Circuits: 02 ~ 20
 - ③ P = DIP Header
 - ④ Plating Code :1 = Tin over Nickel
 - ⑤ Type: V = Straight , H = Right Angle
 - ⑥ Other Options : 00 = Standard
- *Special options consult manufacturer

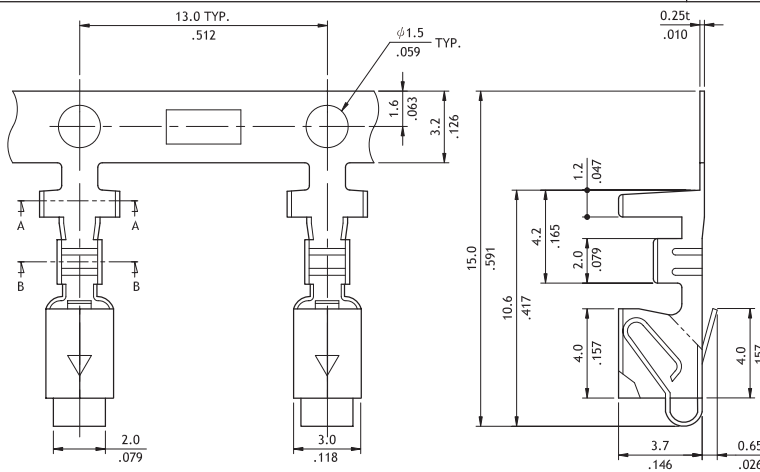
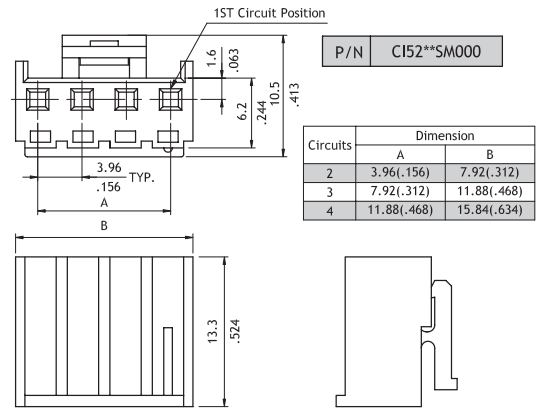
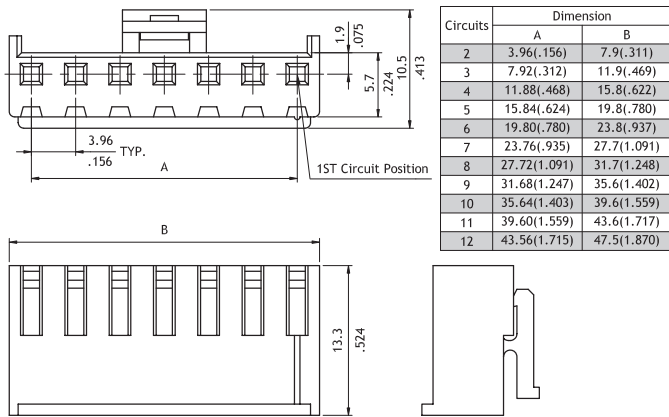
WIRE TO BOARD CONNECTORS

CI52 Series 3.96mm(.156") Wire to Board Connectors Housing & Terminal

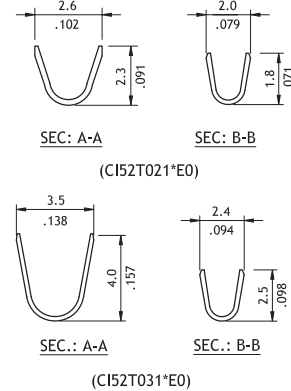
- ⊙ With locking latch
- ⊙ Mate with CI52 header
- ⊙ Can be used with CI52 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-0 , Color Nature
- ⊙ Terminal: Tin plated Brass or Phosphor Bornze



RoHS Compliant



Part No.	Wire Range	Insulation Diameter	Reel Q'ty
CI52T021*E0	AWG #22-#28	1.90 (.075) MAX.	3,500 PCS
CI52T031*E0	AWG #18-#22	2.70 (.106) MAX.	3,500 PCS



Ordering Code

① C ② 15 ③ 2 ④ 12 S ⑤ 0000

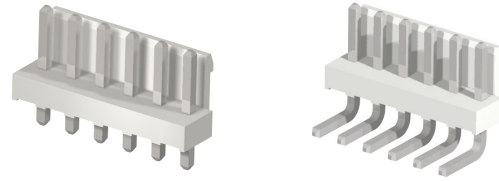
- ① Series No.
- ② No. of Circuits: 02 ~ 12
- ③ S = Housing
- ④ Other Options:
0000 = Standard
M000 = Special Type
*Special options consult manufacturer

① C ② 15 ③ 2 ④ T03 ⑤ 1 B E0

- ① Series No.
- ② Type: T02 = AWG #22 ~ #28
T03 = AWG #18 ~ #22
- ③ Plating Code: 1 = Tin over Nickel
- ④ Material: B = Brass ; P = Phosphor Bronze
- ⑤ Other Options: E0 = Standard

CI52 Series 3.96mm(.156") Wire to Board Connectors DIP Headers

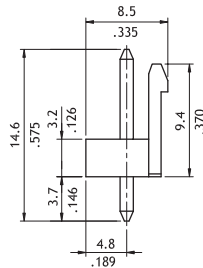
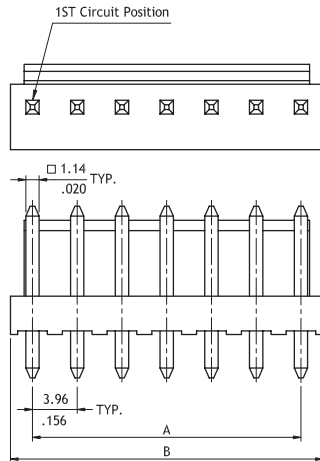
- ⊙ With locking wall
- ⊙ Mate with CI52 Housing
- ⊙ Insulator: Polyamide UL 94V-0, Color Nature
- ⊙ With Tin plated 1.14mm square pin



RoHS Compliant

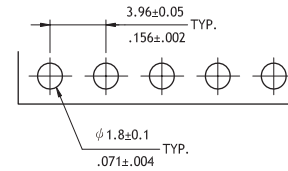
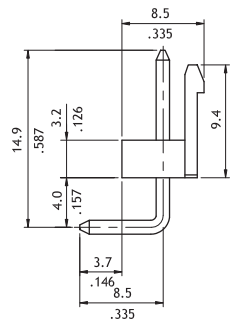
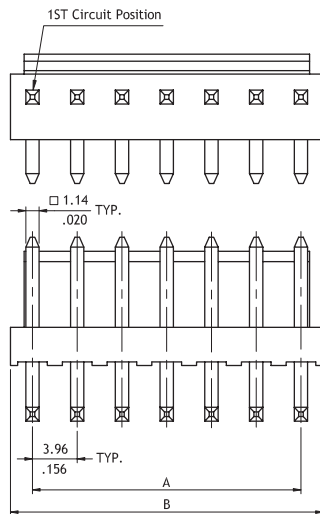


P/N CI52**P1V00-NH



Circuits	Dimension	
	A	B
2	3.96(.156)	7.8(.307)
3	7.92(.312)	11.8(.465)
4	11.88(.468)	15.8(.622)
5	15.84(.624)	19.7(.776)
6	19.80(.780)	23.7(.933)
7	23.76(.936)	27.6(1.087)
8	27.72(1.091)	31.6(1.244)
9	31.68(1.247)	35.5(1.398)
10	35.64(1.403)	39.5(1.555)
11	39.60(1.559)	43.5(1.713)
12	43.56(1.715)	47.4(1.866)
13	47.52(1.871)	51.4(2.024)

P/N CI52**P1H00-NH



Recommended P.C. Board Layout

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
C I 5 2 1 3 P 1 V 0 0 - N H

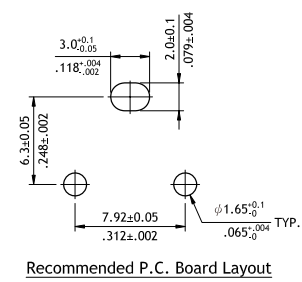
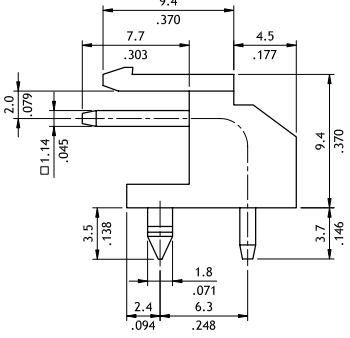
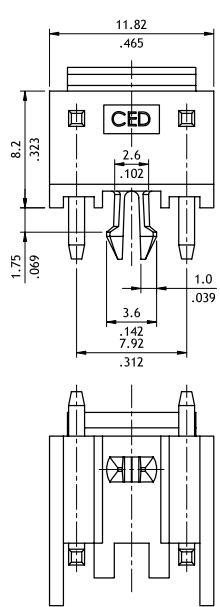
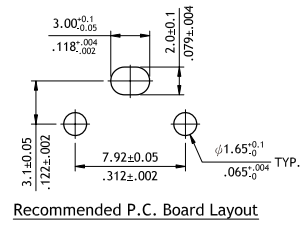
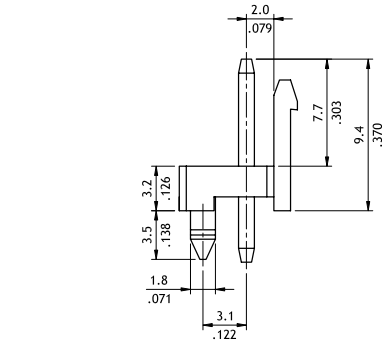
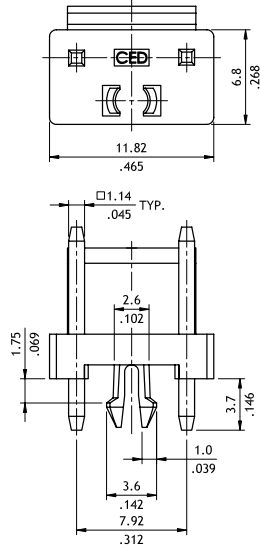
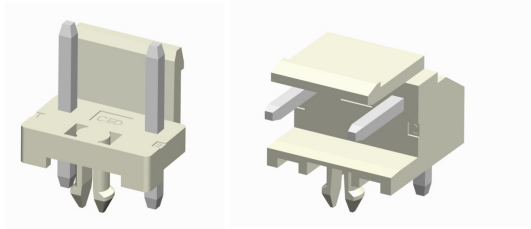
- ① Series No.
- ② No. of Circuits: 02 ~ 13
- ③ P = DIP Header
- ④ Plating Code: 1 = Tin over Nickel
- ⑤ Type: V = Straight
H = Right Angle

- ⑥ Other Options:
00 = Standard
*Special options consult manufacturer
- ⑦ NH = For Lead Free Soldering process and Halogen-Free

CI52 Series 7.92mm(.312") Wire to Board Connectors DIP Headers

- Ⓞ With locking wall
- Ⓞ Mate with CI52 Housing
- Ⓞ Insulator: Polyamide UL 94V-0, Color Nature
- Ⓞ With Tin plated 1.14mm Square pin

RoHS Compliant

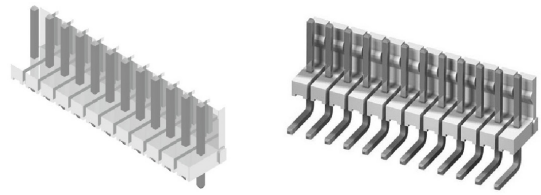


Ordering Code	①	②	③	④	⑤	⑥
	C	I	5	2	P	1
					V	D
						0

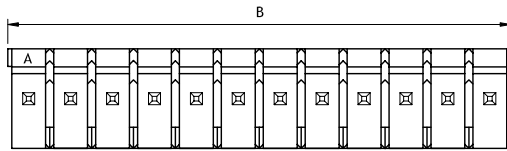
① Series No.	⑤ Type: V = Straight H = Right Angle
② No. of Circuits: 02	⑥ Other Options: D0 = With Plastic Board Lock
③ P = Pin Header	
④ Plating Code: 1 = Matte Tin over Nickel	

CI82 Series 3.96mm(.156") Friction Lock Breakway Headers

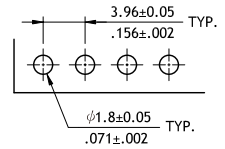
- ⊙ Options with straight and right angle tails
- ⊙ Available with flat back wall for polarization
- ⊙ Mate with most of 3.96mm pitch connector in the market
- ⊙ Insulator: Glass filled polyester UL 94V-0, Color White
- ⊙ With Tin plated 1.14mm square pin



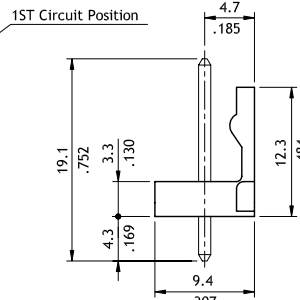
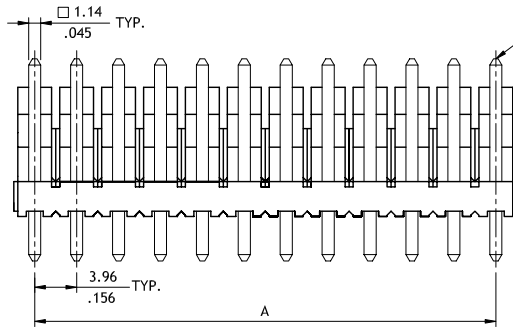
RoHS Compliant



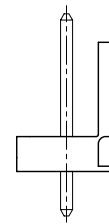
$A = 3.96 \times \text{No. of Spaces}$
 $B = A + 3.96$



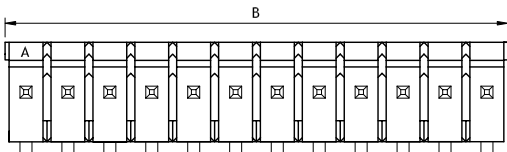
Recommended P.C. Board Layout



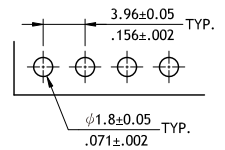
P/N: CI82**P*V00



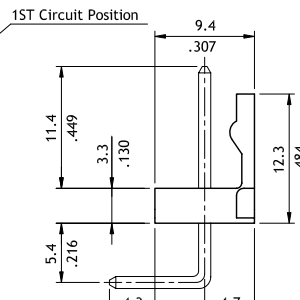
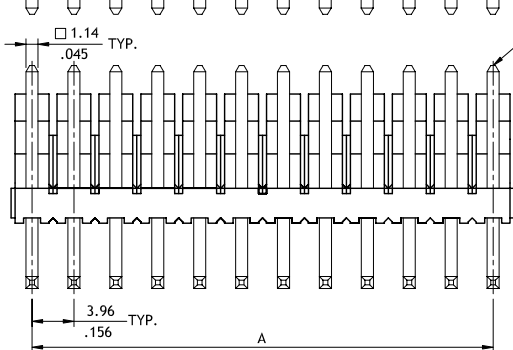
P/N: CI82**P*V00L



$A = 3.96 \times \text{No. of Spaces}$
 $B = A + 3.96$



Recommended P.C. Board Layout



P/N: CI82**P*H00

P/N: CI82**P*H0L

Ordering Code

① ② ③ ④ ⑤ ⑥
C I 8 2 2 4 P 1 V 0 0

- ① Series No.
- ② No. of Circuits: 02 ~ 24
- ③ P = DIP Header
- ④ Plating Code :1 = Tin over Nickel

- ⑤ Type: V = Straight
 H = Right Angle
- ⑥ Other Options:
 00 = With Locking Ramp (Standard)
 0L = Without Locking Ramp
 *Special options consult manufacturer

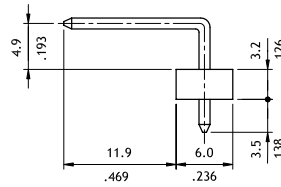
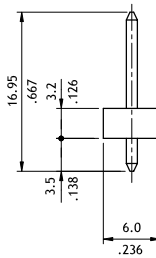
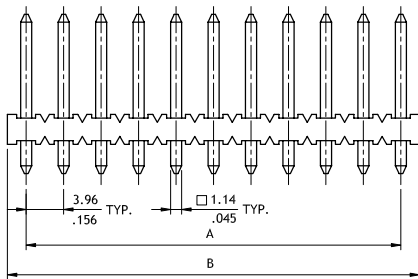
CI77/CI78 Series 3.96mm(.156") / 5.00mm(.196") Breakaway Pin Headers

- ⊙ Mate with CI51 and CID3 Connector
- ⊙ Available straight and right angle type
- ⊙ Options plating available
- ⊙ Insulator: Glass filled polyester UL 94V-0, Color White
- ⊙ With Tin plated 1.14mm square pin

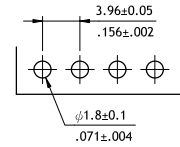


RoHS Compliant

P/N CI77**P1*00

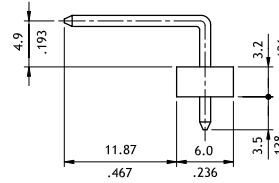
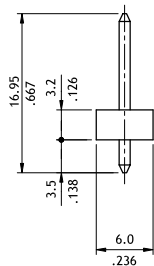
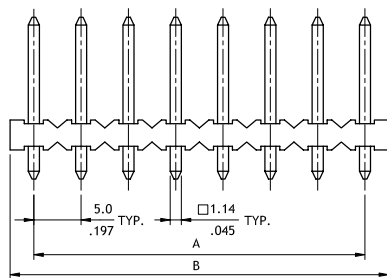


A = 3.96 x No. of Spaces
B = A + 3.96

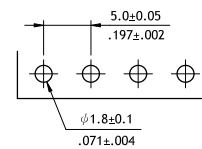


Recommended P.C. Board Layout

P/N CI78**P1*00



A = 5.0 x No. of Spaces
B = A + 5.0



Recommended P.C. Board Layout

Ordering Code

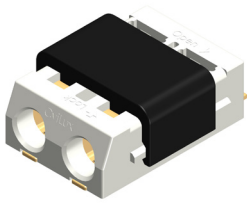
① ② ③ ④ ⑤ ⑥
C I 7 7 2 0 P 1 V 0 0

- ① Series No.
CI77 = 3.96mm center spacing
CI78 = 5.00mm center spacing
- ② No. of Circuits: 02 ~ 20
- ③ P = DIP Header
- ④ Plating Code: 1 = Tin over Nickel

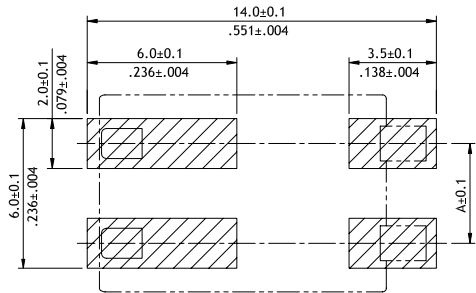
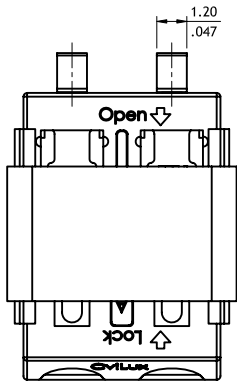
- ⑤ Type: V = Straight , H = Right Angle
- ⑥ Other Options:
00 = Standard
*Special options consult manufacturer

CID1 Series 4.00mm(.157") Wire to Board SMT Headers

- Ⓞ Surface mount terminal strips with connection
- Ⓞ Direct push-in of solid conductors
- Ⓞ A total height of only 3.2mm helps minimize shadowing in LED application:
- Ⓞ Packaged in tape-and-reel for automated SMT processes
- Ⓞ Wiring ports with balcony design – creates "lead-in" for ease of wiring, even at a slight angle

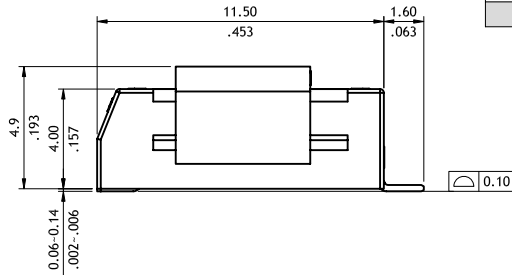
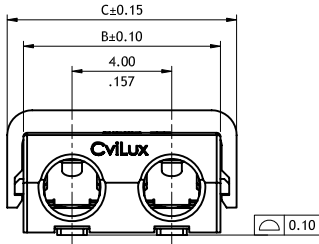


RoHS Compliant



Recommended P.C. Board Layout

Circuits	Dimension		
	A	B	C
1	-	3.9(.154)	5.2(.205)
2	4.0(.157)	7.9(.311)	9.2(.362)
3	8.0(.315)	11.9(.469)	13.2(.520)



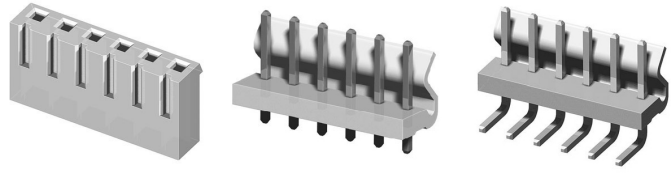
Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
C I D 1 0 3 M 1 H R A - N H

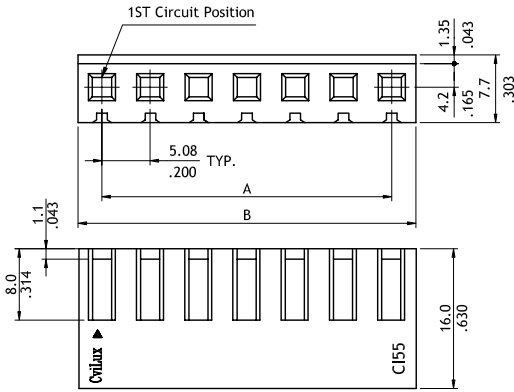
- ① Series No.
- ② No. of Circuits: 01~03
- ③ M = SMT Type
- ④ Plating Code: 1 = Matte Tin over Nickel
- ⑤ Type : H = Side Entry
- ⑥ Packing Option : RA = Reel Packing
- ⑦ NH = For Lead Free IR Process and Halogen-Free

CI55 Series 5.08mm(.200") Wire to Board Header & Housing Connectors

- ⊙ Housing with locking ramp
- ⊙ Header with locking wall
- ⊙ Can be used with CI51 crimp clip terminal
- ⊙ Insulator: Nylon 66 UL 94V-2, Color Nature
- ⊙ With Tin plated 1.14mm square pin
- ⊙ Terminal: Tin plated Brass



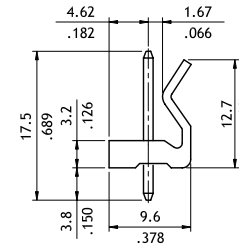
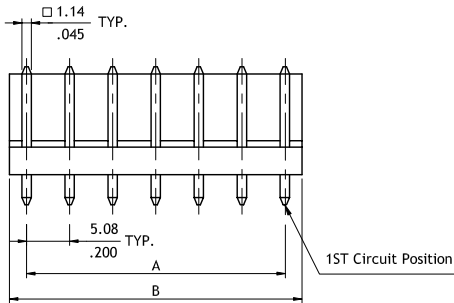
RoHS Compliant



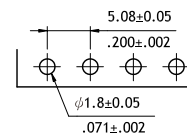
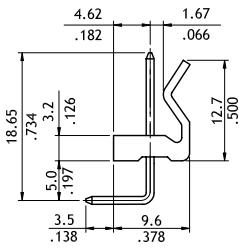
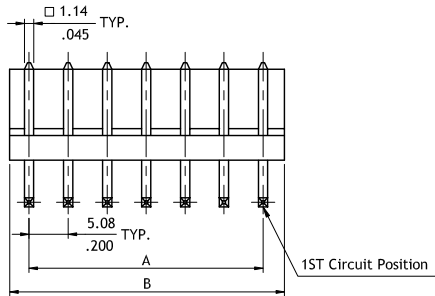
P/N:CI55**S0000

P/N:CI55**S000R

Circuits	Dimension	
	A	B
2	5.08(.200)	10.08(.397)
3	10.16(.400)	15.16(.597)
4	15.24(.600)	20.24(.797)
5	20.32(.800)	25.32(.997)
6	25.40(1.00)	30.40(1.197)
7	30.48(1.20)	35.48(1.397)
8	35.56(1.40)	40.56(1.597)
9	40.64(1.60)	45.64(1.797)
10	45.72(1.80)	50.72(1.997)



Circuits	Dimension	
	A	B
2	5.08(.200)	10.08(.397)
3	10.16(.400)	15.16(.597)
4	15.24(.600)	20.24(.797)
5	20.32(.800)	25.32(.997)
6	25.40(1.000)	30.40(1.197)
7	30.48(1.200)	35.48(1.397)
8	35.56(1.400)	40.56(1.597)
9	40.64(1.600)	45.64(1.797)
10	45.72(1.800)	50.72(1.997)



Recommended P.C. Board Layout

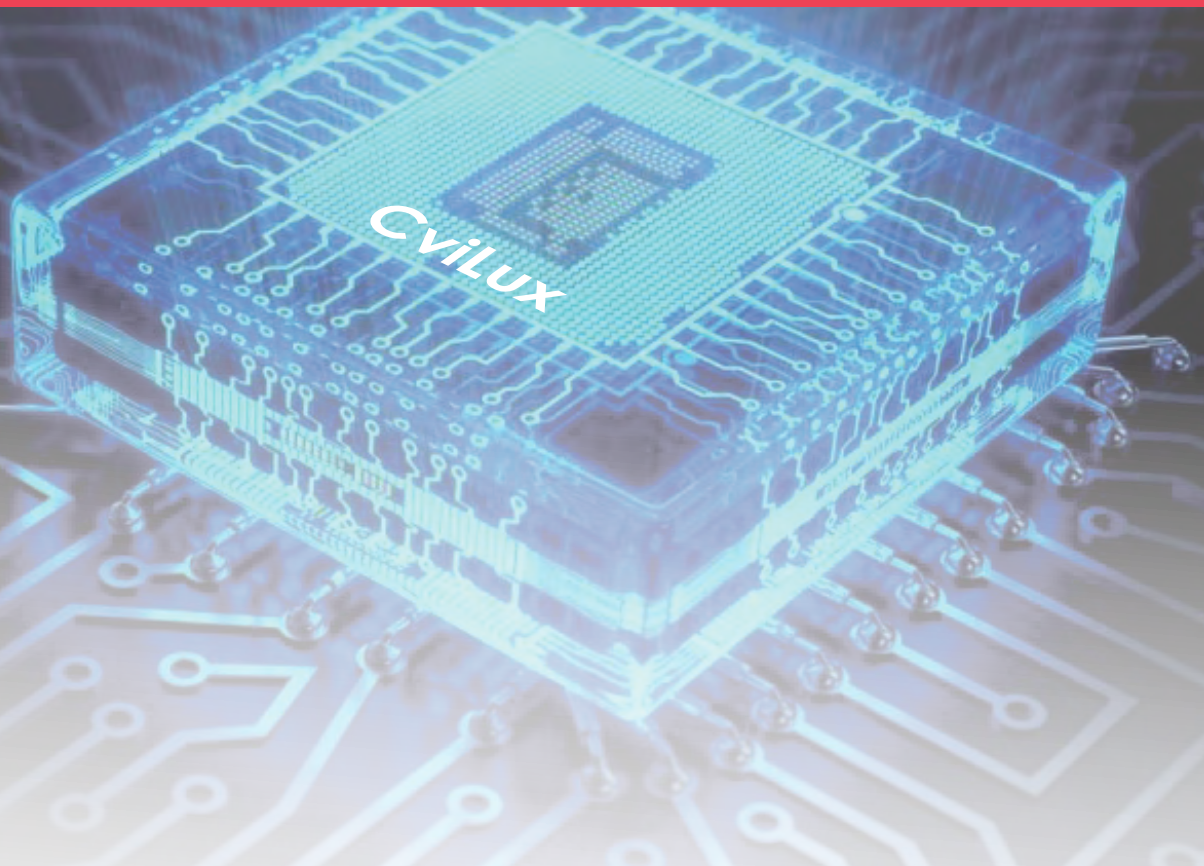
Ordering Code

① C ② 15 ③ S ④ 0 0 0 0

- ① Series No.
- ② No. of Circuits: 02 ~ 10
- ③ S = Housing
- ④ Other Options:
0000 = Standard
000R = Without Locking Ramp
*Special options consult manufacturer

① C ② 15 ③ P ④ 1 ⑤ V ⑥ 0 0

- ① Series No
- ② No. of Circuits: 02 ~ 10
- ③ P = DIP Header
- ④ Plating Code: 1 = Tin over Nickel
- ⑤ Type: V = Straight ; H = Right Angle
- ⑥ Other Options: 00 = Standard
*Special options consult manufacturer



CVILUX PATENT, CERTIFICATE, AWARD

CviLux R&D strength means maximizing our patents, awards and international standard of QC and certificates. We challenge our worldwide granted and pending patents listed as follows (- Oct., 2021) :

- Taiwan : 157 patents granted and pending
- China : 116 patents granted and pending
- USA : 10 patents granted and pending
- Japan : 3 patents granted and pending



CviLux Technology
(Suzhou) Co., Ltd.



Anhui CviLux Technology
Co., Ltd.



CviLux Lao Co., Ltd.

Marketing Site

CviLux Corporation
 CviLux Technology (Shenzhen) Corporation
 CviLux USA Corporation
 CviLux Opro9 Europe B.V.
 CviLux SDN BHD
 CviLux JAPAN Office
 CviLux KOREA Corporation
 CviLux QINGDAO Office
 CviLux XIAMEN Office
 Allsor Technology Corporation
 Allsor Electronics Co., Ltd.
 CviCloud Corporation
 CviCloud (SZ) Limited

Factory Site

Taiwan
 CviLux Corporation
 South China
 CviLux Electronics (Dongguan) Co., Ltd.
 Dongguan Qunhan Electronics Co., Ltd.
 East China
 CviLux Technology (Suzhou) Co., Ltd.
 West China
 CviLux Technology (Chongqing) Co., Ltd.
 Central China
 Anhui CviLux Technology Co., Ltd.
 Lao
 CviLux Lao Co., Ltd.



Taiwan

South China (Dongguan)

South China (Qunhan)

East China

West China

Central China

Lao

