

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

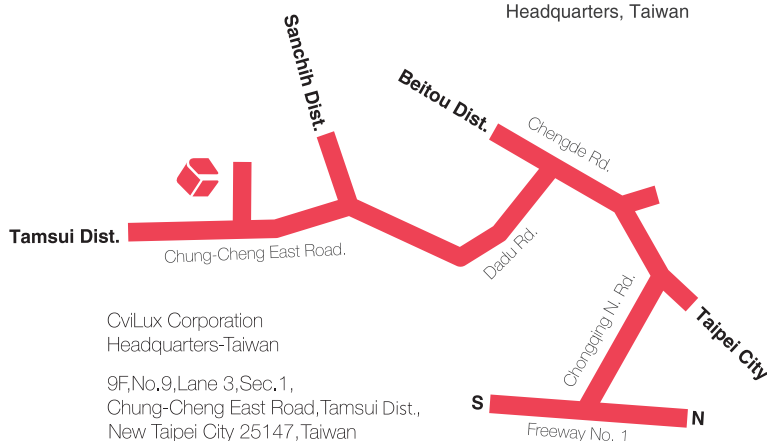
Improve Our Product Quality & Operation System
To Satisfy Our Customer's Demand

I.P.O.

TWSE8103 (Taiwan Stock Exchange Corp.)



CviLux Corporation Headquarters, Taiwan



CviLux Corporation
Headquarters-Taiwan
9F, No. 9, Lane 3, Sec. 1,
Chung-Cheng East Road, Tamsui Dist.,
New Taipei City 25147, 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



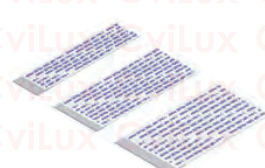
RF Connectors



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

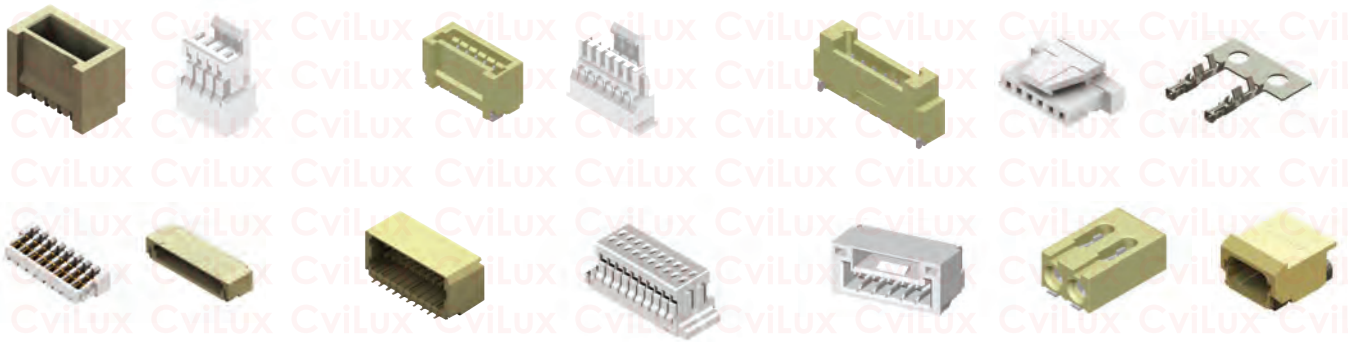


Mini PCI-E

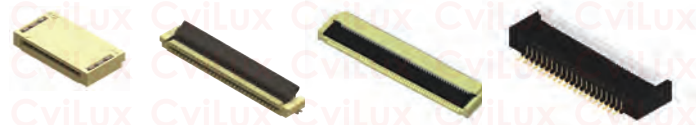




Wire to Board Connectors & Harness Cable



FFC/FPC Connectors



FFC & LVDS FFC



Power Connectors

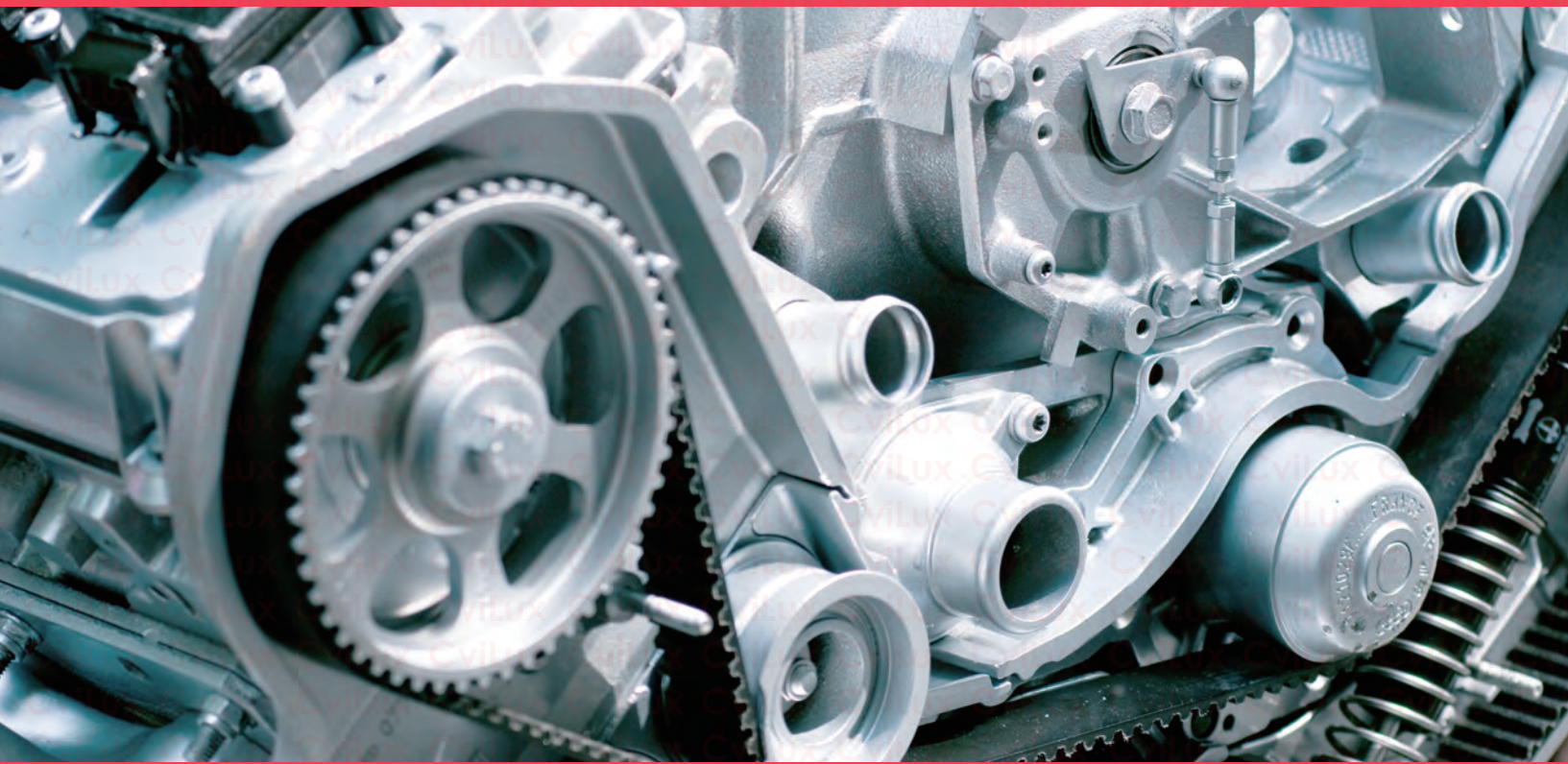


LED Holder

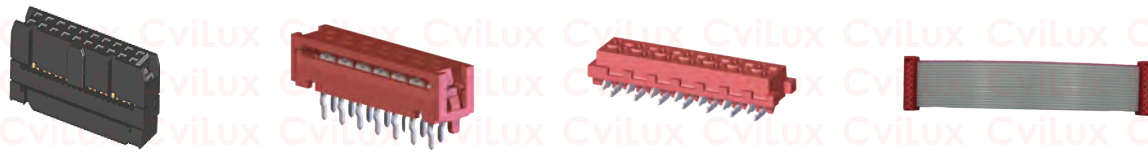


USB Type C Connectors & Cable





IDC Connectors & Cable



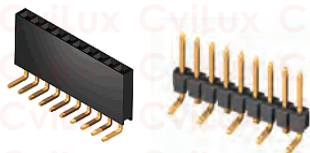
FFC/FPC Connectors & FFC



Power Connectors



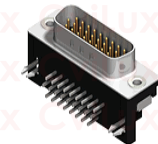
Pin Headers



BTB Connectors



D-SUB



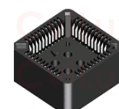
USB Type C Connectors & Cable



USB



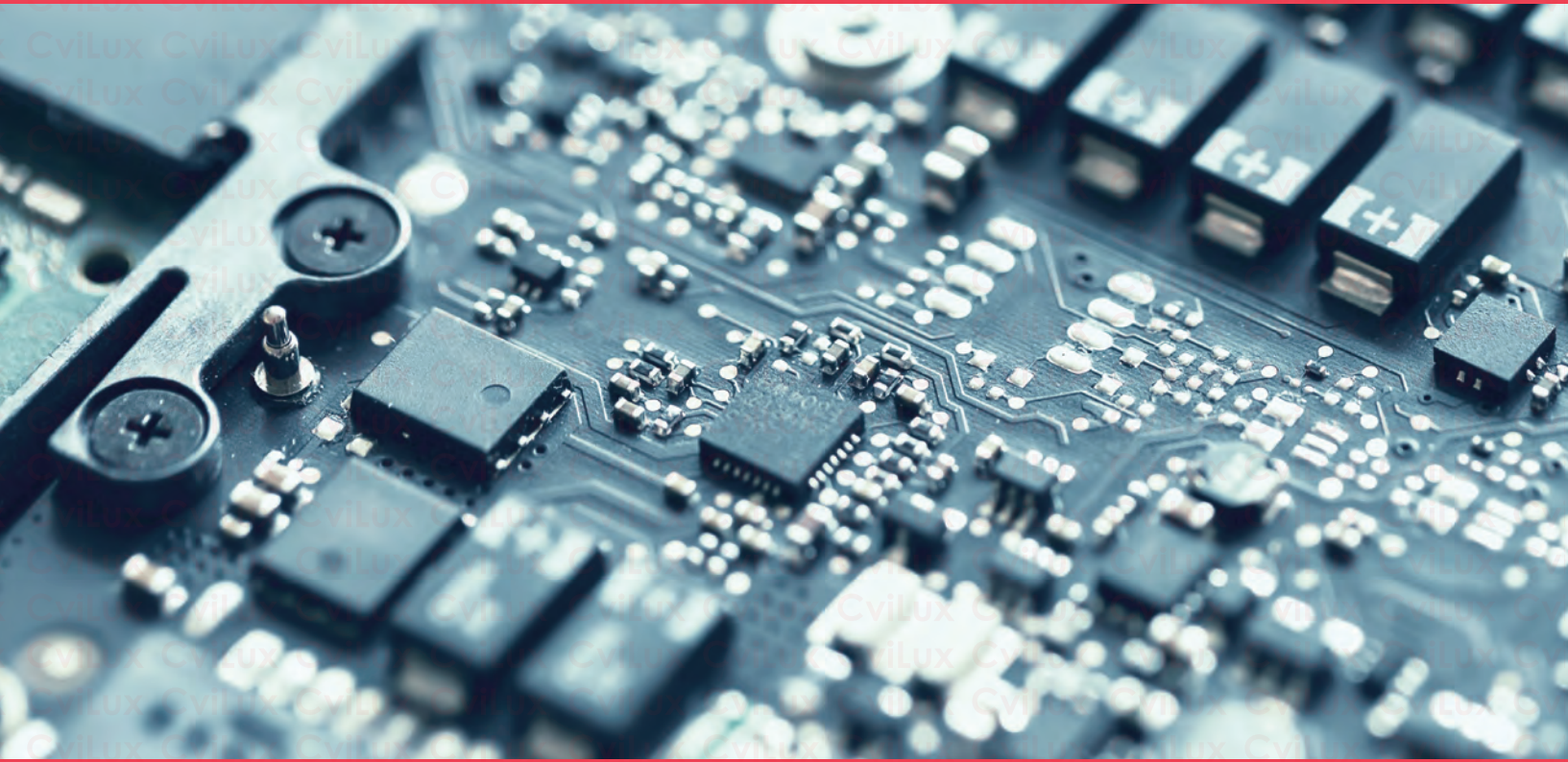
IC socket



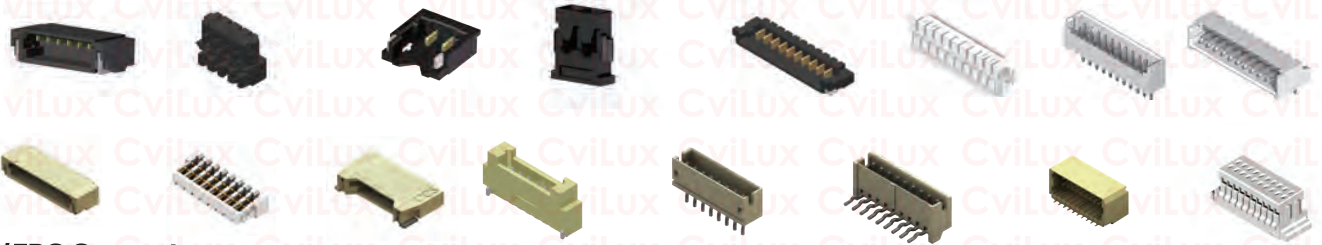
Jumper



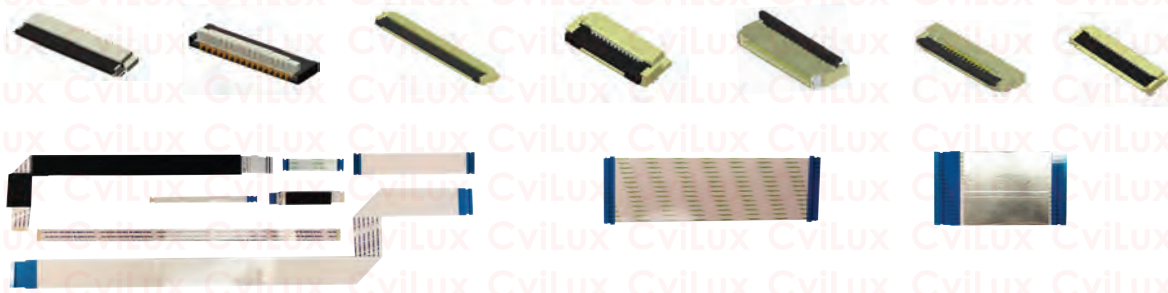
Laptop Industry



Wire to Board Connectors



FFC/FPC Connectors



BTB Connectors



LVDS Connectors



USB Type C Connectors



I/O Connectors

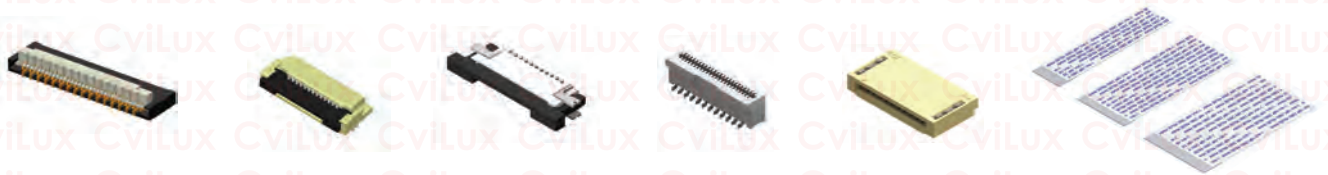




Wire to Board Connectors



FFC/FPC Connectors & FFC



BTB Connectors



I/O Connectors



USB Type C Connectors



USB Type C Cable



PRODUCT CATEGORY



FFC / FPC Connectors



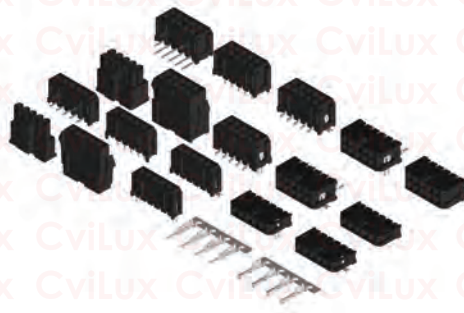
FFC and LVDS Cables



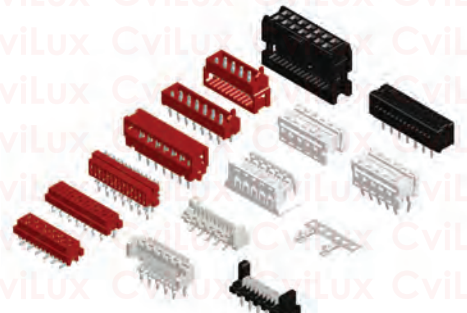
LVDS Connectors



Wire to Board Connectors



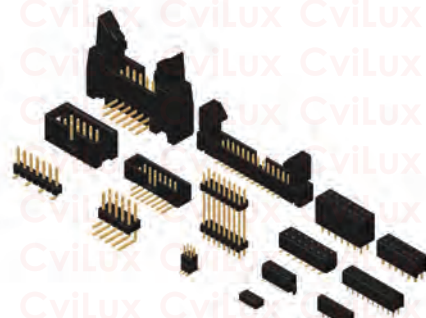
Power Connectors



IDC Connectors



Board to Board Connectors



Pin Headers



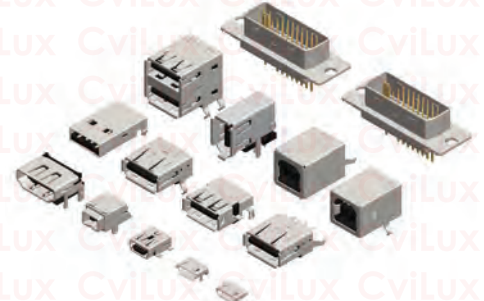
Socket Connectors



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



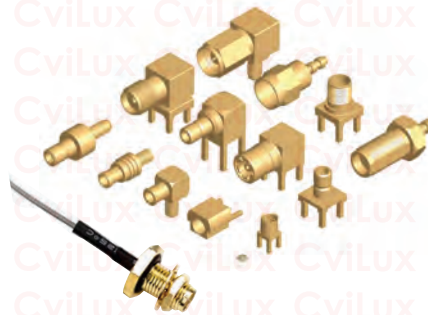
Modular Jack Connectors



I/O Connectors



USB Type C Connectors



**RF Microwave
Coaxial Connectors & Cable**



Pogo Pin Connectors



**Fiber Optical Connector
& Cable**



PCBA



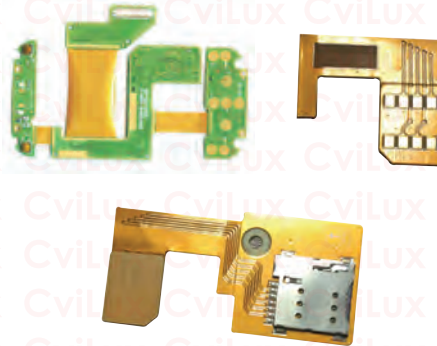
Module

PRODUCT CATEGORY

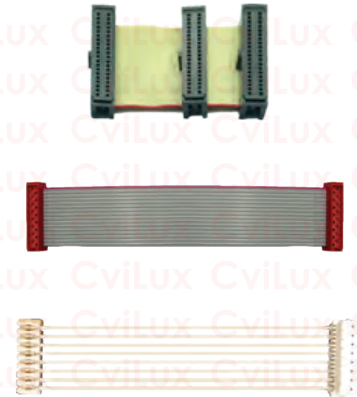
PI High Temperature Film FFC



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.

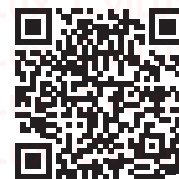
Step 1. iOS/Google Play Key Word Search: CVILUX



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
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D-Sub Shell Size

D-SUB CONNECTOR	HIGH DENSITY D-SUB CONNECTOR		SHELL SIZE
9 Positions	15 Positions	E	
15 Positions	26 Positions	A	
25 Positions	44 Positions	B	
37 Positions	62 Positions	C	
50 Positions	78 Positions	D	

D-Sub Printed Circuits Board Hole Patterns

<p>9 Positions</p>	<p>25 Positions</p>
<p>15 Positions</p>	<p>37 Positions</p>
<p>50 Positions</p>	

High Density D-Sub Straight DIP Solder Printed Circuits Board Hole Patterns

	Plug	Receptacle
15 Positions		
26 Positions		
44 Positions		
62 Positions		

High Density D-Sub Right Angle DIP Solder Printed Circuits Board Hole Patterns

	Plug	Receptacle
15 Positions		
26 Positions		
44 Positions		
62 Positions		

CD

D-SUB CONNECTORS

D-Sub Accessories

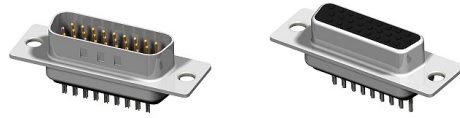
<p>P/N : CDHWE123000</p> <table border="1"> <thead> <tr> <th>Nº</th> <th>PART NO.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CDHWE105S00</td> <td>ATTACHED SCREW</td> </tr> <tr> <td>2</td> <td>CDHW0001W00</td> <td>FLAT WASHER</td> </tr> <tr> <td>3</td> <td>CDHW0002W00</td> <td>SPLIT WASHER</td> </tr> <tr> <td>4</td> <td>CDHWE101N00</td> <td>NUT</td> </tr> </tbody> </table>	Nº	PART NO.	DESCRIPTION	1	CDHWE105S00	ATTACHED SCREW	2	CDHW0001W00	FLAT WASHER	3	CDHW0002W00	SPLIT WASHER	4	CDHWE101N00	NUT	<p>P/N : CDHWE124000</p> <table border="1"> <thead> <tr> <th>Nº</th> <th>PART NO.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CDHWE106S00</td> <td>ATTACHED SCREW</td> </tr> <tr> <td>2</td> <td>CDHWE101N00</td> <td>NUT</td> </tr> </tbody> </table>	Nº	PART NO.	DESCRIPTION	1	CDHWE106S00	ATTACHED SCREW	2	CDHWE101N00	NUT	<p>P/N : CDHWE128000</p>
Nº	PART NO.	DESCRIPTION																								
1	CDHWE105S00	ATTACHED SCREW																								
2	CDHW0001W00	FLAT WASHER																								
3	CDHW0002W00	SPLIT WASHER																								
4	CDHWE101N00	NUT																								
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1	CDHWE106S00	ATTACHED SCREW																								
2	CDHWE101N00	NUT																								
<p>P/N : CDHWE110S00</p>	<p>P/N : CDHWE***S00</p> <table border="1"> <thead> <tr> <th>Part No.</th> <th>Dimension A</th> </tr> </thead> <tbody> <tr> <td>CDHWE101S00</td> <td>11.8(.465)</td> </tr> <tr> <td>CDHWE105S00</td> <td>12.7(.500)</td> </tr> <tr> <td>CDHWE106S00</td> <td>10.0(.394)</td> </tr> <tr> <td>CDHWE107S00</td> <td>17.8(.701)</td> </tr> </tbody> </table>	Part No.	Dimension A	CDHWE101S00	11.8(.465)	CDHWE105S00	12.7(.500)	CDHWE106S00	10.0(.394)	CDHWE107S00	17.8(.701)															
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CDHWE107S00	17.8(.701)																									

D-Sub PCB Mounting Options

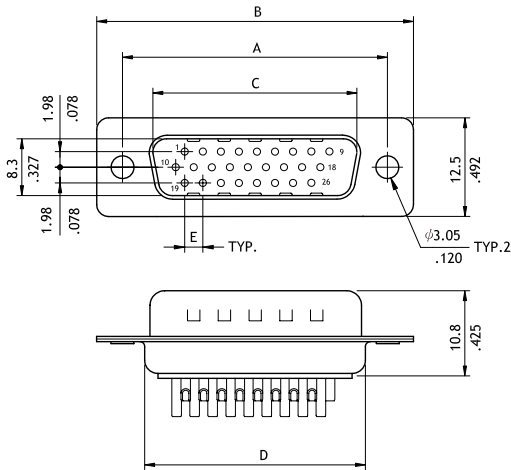
<p>O Riveted front and rear shell with $\phi 3.05\text{mm}$ Hole</p>	<p>C Riveted #4-40 UNC open nuts on rear shell DIM. L = 4.0mm (Standard)</p>	<p>D Riveted #4-40 UNC close ground stand-off on rear shell</p> <p>Stamped contact (DIM. L = 6.0 mm) Machined contact (DIM. L = 7.4 mm)</p>	
<p>A Riveted #4-40 UNC close nuts on front shell DIM. L = 5.8mm (Standard)</p>	<p>F Riveted ground hooks with #4-40 UNC open</p>	<p>I Riveted ground tabs with #4-40 UNC open</p> <p>Stamped contact Machined contact</p>	
<p>B Riveted #4-40 UNC open nuts on front shell DIM. L = 4.0mm (Standard)</p>	<p>G Riveted ground hooks pre-loaded #4-40 UNC Hex screws</p>	<p>J Assembly ground hooks by #4-40 UNC Hex screws</p> <p>Stamped contact Machined contact</p>	

CD01 Series High Density Solder D-Sub

- ⊙ Mate with high density D-Sub
- ⊙ With metal shell and solder contacts
- ⊙ Riveted Hex nuts options available

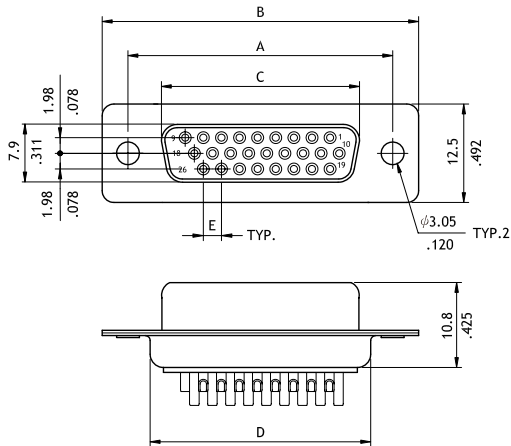
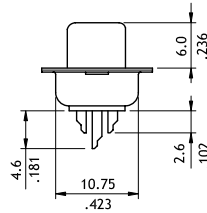


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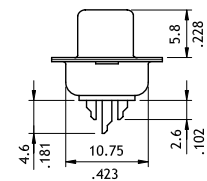
Plug Connector

Circuits	Dimension				
	A	B	C	D	E
15	25.0(.984)	30.8(1.213)	16.92(.666)	19.3(.760)	2.29(.090)
26	33.32(1.312)	39.2(1.543)	25.25(.994)	27.7(1.091)	2.29(.090)
44	47.04(1.852)	53.1(2.091)	38.96(1.534)	41.1(1.618)	2.29(.090)
62	63.5(2.500)	69.4(2.732)	55.42(2.182)	57.3(2.256)	2.41(.095)



Receptacle connector

Circuits	Dimension				
	A	B	C	D	E
15	25.0(.984)	30.8(1.213)	16.3(.642)	19.2(.756)	2.29(.090)
26	33.32(1.312)	39.2(1.543)	24.6(.969)	27.7(1.091)	2.29(.090)
44	47.04(1.852)	53.1(2.091)	38.3(1.508)	41.1(1.618)	2.29(.090)
62	63.5(2.500)	69.4(2.732)	54.8(2.157)	57.3(2.256)	2.41(0.95)



Ordering Code

① ② ③ ④ ⑤ ⑥
CD01 15 P A 1 00

- ① Series No.
- ② No. of Circuits: 15, 26, 44, 62
- ③ Connector Type: P = Plug
S = Receptacle
- ④ Plating Code:
A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black
*Optional insulator color consult manufacturer

- ⑥ Other Options:
00 = With ϕ 3.05mm holes on shell (Standard)
A0 = Riveted #4-40 UNC Close nuts on Front shell
B0 = Riveted #4-40 UNC Open nuts on Front shell
C0 = Riveted #4-40 UNC Open nuts on Rear shell
*Special options consult manufacturer

CD

D-SUB CONNECTORS

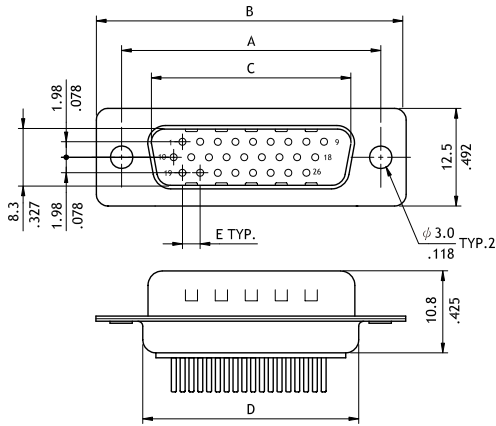
CD03 Series High Density Straight DIP Solder D-Sub

- ⊙ Mate with high density D-Sub
- ⊙ With metal shell and solder contacts
- ⊙ Optional riveted Hex nuts or ground stand-off

RoHS Compliant

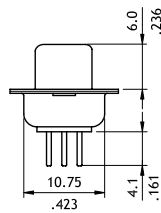


P/N CD03**PA1**

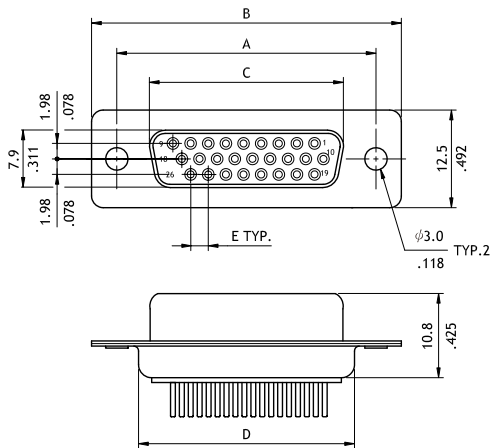


Plug Connector

Circuits	Dimension				
	A	B	C	D	E
15	25.0(.984)	30.8(1.213)	16.92(.666)	19.2(.756)	2.29(.090)
26	33.32(1.312)	39.2(1.543)	25.25(.994)	27.7(1.091)	2.29(.090)
44	47.04(1.852)	53.1(2.091)	38.96(1.534)	41.1(1.618)	2.29(.090)
62	63.5(2.500)	69.4(2.732)	55.42(2.182)	57.3(2.256)	2.41(.095)

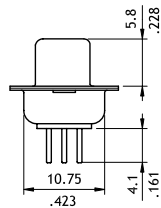


P/N CD03**SA1**



Receptacle connector

Circuits	Dimension				
	A	B	C	D	E
15	25.0(.984)	30.8(1.213)	16.3(.642)	19.2(.756)	2.29(.090)
26	33.32(1.312)	39.2(1.543)	24.6(.969)	27.7(1.091)	2.29(.090)
44	47.04(1.852)	53.1(2.091)	38.3(1.508)	41.1(1.618)	2.29(.090)
62	63.5(2.500)	69.4(2.732)	54.8(2.157)	57.3(2.256)	2.41(.095)



Ordering Code

① ② ③ ④ ⑤ ⑥
CD03 15 P A 1 00

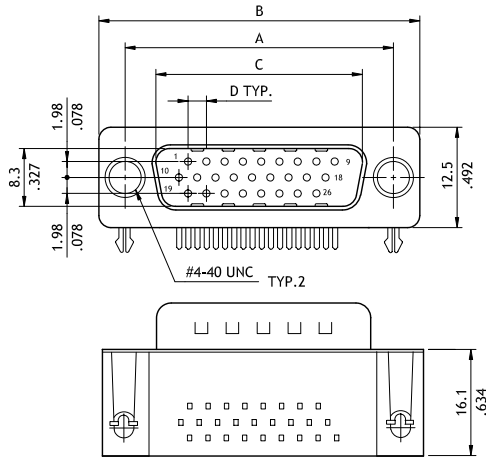
- ① Series No.
- ② No. of Circuits: 15, 26, 44, 62
- ③ Connector Type: P = Plug
S = Receptacle
- ④ Plating Code:
A = Selective Gold flash over Nickel
- ⑤ Insulator Color: 1 = Black
- ⑥ Other Options:
00 = With ϕ 3.05mm holes on shell (Standard)
B0 = Riveted #4-40 UNC Open nuts on Front shell
C0 = Riveted #4-40 UNC Open nuts on Rear shell
D0 = Riveted #4-40 UNC Ground stand-off on Rear shell
*Special options consult manufacturer

CD05 Series High Density Right Angle DIP Solder D-Sub

- ⊙ Mate with high density D-Sub
- ⊙ With metal shell and solder contacts
- ⊙ Riveted ground hooks or tab options

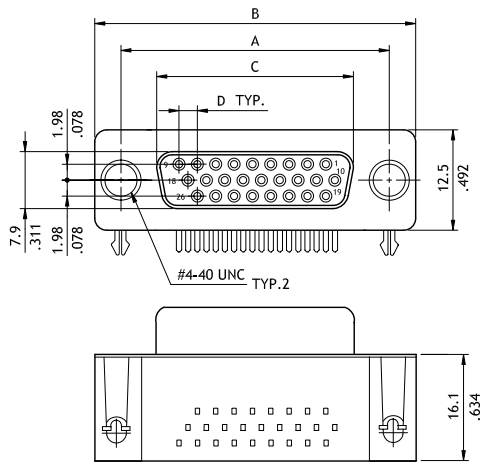
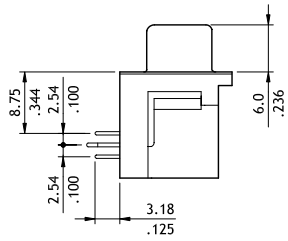


RoHS Compliant



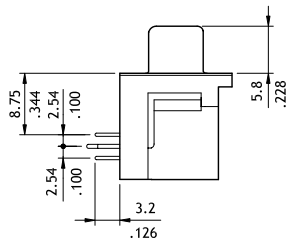
Plug Connector

Circuits	Dimension			
	A	B	C	D
15	25.0(.984)	30.8(1.213)	16.92(.666)	2.29(.090)
26	33.32(1.312)	39.2(1.543)	25.25(.994)	2.29(.090)
44	47.04(1.852)	53.1(2.091)	38.96(1.534)	2.29(.090)



Receptacle connector

Circuits	Dimension			
	A	B	C	D
15	25.0(.984)	30.8(1.213)	16.3(.642)	2.29(.090)
26	33.32(1.312)	39.2(1.543)	24.6(.969)	2.29(.090)
44	47.04(1.852)	53.1(2.091)	38.3(1.508)	2.29(.090)



Ordering Code

① ② ③ ④ ⑤ ⑥
CD05 15 P 2 1 F0

- ① Series No.
- ② No. of Circuits: 15, 26, 44
- ③ Connector Type: P = Plug , S = Receptacle
- ④ Plating Code:
 2 = Gold flash over Nickel
 A = Selective Gold flash over Nickel
 *Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black
 *Optional insulator color consult manufacturer

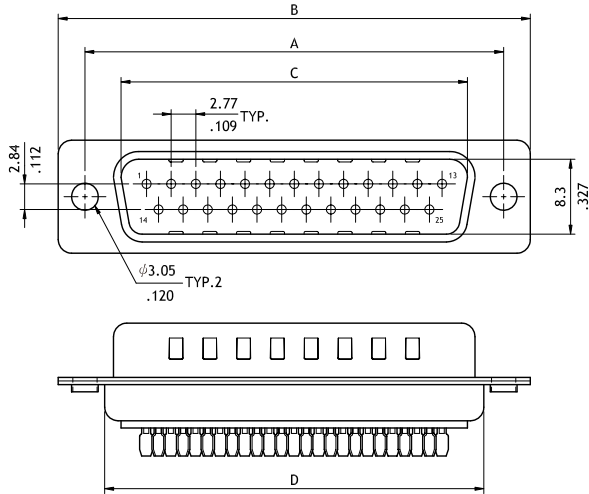
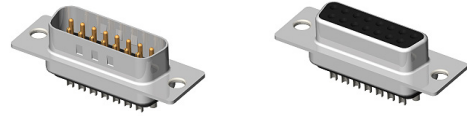
- ⑥ Other Options:
 F0 = Riveted ground hooks with #4-40 UNC Open (Standard)
 I0 = Riveted ground tabs thread #4-40 UNC Open and ground tabs with ϕ 3.2mm holes
 J0 = Assmely ground hooks by #4-40 UNC Hex screws
 G0 = Riveted ground hooks pre-loaded #4-40 UNC Hex screws
 *Special options consult manufacturer

CD

D-SUB CONNECTORS

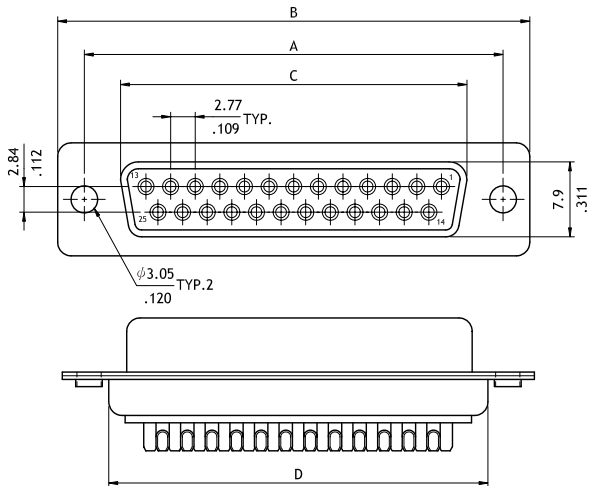
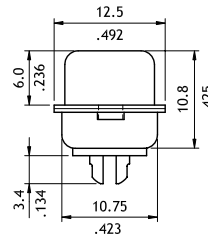
CD51 Series Solder D-Sub

- ⊙ Mate with standard D-Sub
- ⊙ With metal shell and solder contacts
- ⊙ Riveted Hex nuts options available



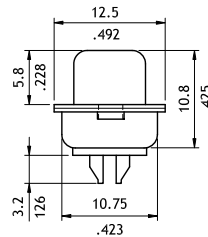
Plug Connector

Circuits	Dimension			
	A	B	C	D
9	25.0(.984)	30.8(1.213)	16.92(.666)	19.2(.756)
15	33.32(1.312)	39.2(1.543)	25.25(.994)	27.7(1.091)
25	47.04(1.852)	53.1(2.091)	38.96(1.534)	41.1(1.618)
37	63.5(2.500)	69.4(2.732)	55.42(2.182)	57.3(2.256)



Receptacle connector

Circuits	Dimension			
	A	B	C	D
9	25.0(.984)	30.8(1.213)	16.3(.642)	19.2(.756)
15	33.32(1.312)	39.2(1.543)	24.6(.969)	27.7(1.091)
25	47.04(1.852)	53.1(2.091)	38.3(1.508)	41.1(1.618)
37	63.5(2.500)	69.4(2.732)	54.8(2.157)	57.3(2.256)



Ordering Code

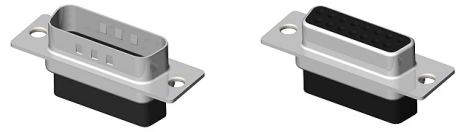
① CD 51 ② 25 ③ P ④ A ⑤ 1 ⑥ 00

- ① Series No.
- ② No. of Circuits : 09, 15, 25, 37
- ③ Connector Type: P = Plug
S = Receptacle
- ④ Plating Code :
A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black
*Optional insulator color consult manufacturer

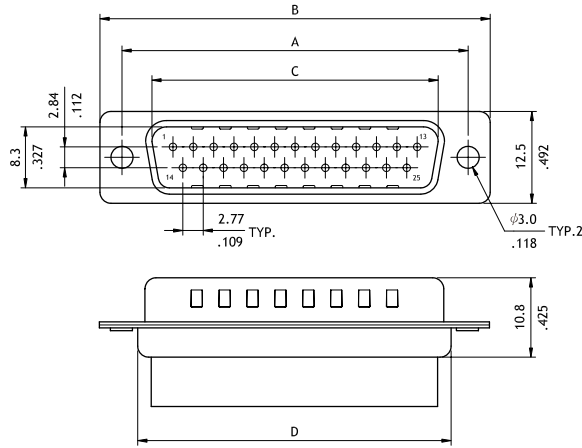
- ⑥ Other Options:
00 = With ϕ 3.05mm holes on shell (Standard)
A0 = Riveted #4-40 UNC Close nuts on Front shell
B0 = Riveted #4-40 UNC Open nuts on Front shell
C0 = Riveted #4-40 UNC Open nuts on Rear shell
*Special options consult manufacturer

CD52 Series Crimp Clip D-Sub

- ⊙ Mate with standard D-Sub
- ⊙ Riveted Hex nuts options available

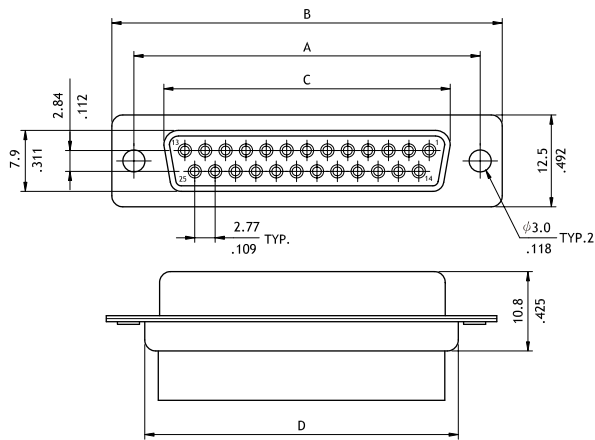
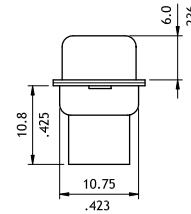


RoHS Compliant



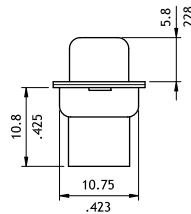
Plug Connector

Circuits	Dimension			
	A	B	C	D
9	25.0(.984)	30.8(1.213)	16.92(.666)	19.2(.756)
15	33.32(1.312)	39.2(1.543)	25.25(.994)	27.7(1.091)
25	47.04(1.852)	53.1(2.091)	38.96(1.534)	41.1(1.618)
37	63.5(2.500)	69.4(2.732)	55.42(2.182)	57.3(2.256)



Receptacle connector

Circuits	Dimension			
	A	B	C	D
9	25.0(.984)	30.8(1.213)	16.3(.642)	19.2(.756)
15	33.32(1.312)	39.2(1.543)	24.6(.969)	27.7(1.091)
25	47.04(1.852)	53.1(2.091)	38.3(1.508)	41.1(1.618)
37	63.5(2.500)	69.4(2.732)	54.8(2.157)	57.3(2.256)



Ordering Code

① **CD52** ② **25** ③ **P0** ④ **1** ⑤ **00**

- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37
- ③ Connector Type: P0 = Plug
S0 = Receptacle
- ④ Insulator Color: 1 = Black
*Optional insulator color consult manufacturer

- ⑤ Other Options:
00 = With $\phi 3.05$ mm holes on shell (Standard)
A0 = Riveted #4-40 UNC Close nuts on Front shell
B0 = Riveted #4-40 UNC Open nuts on Front shell
C0 = Riveted #4-40 UNC Open nuts on Rear shell
*Special options consult manufacturer

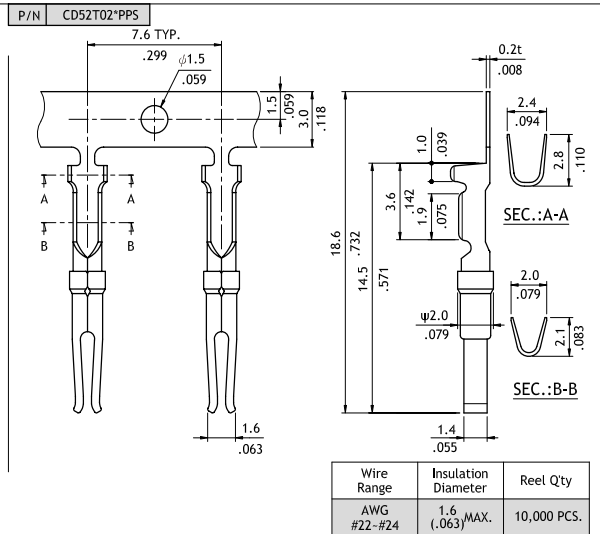
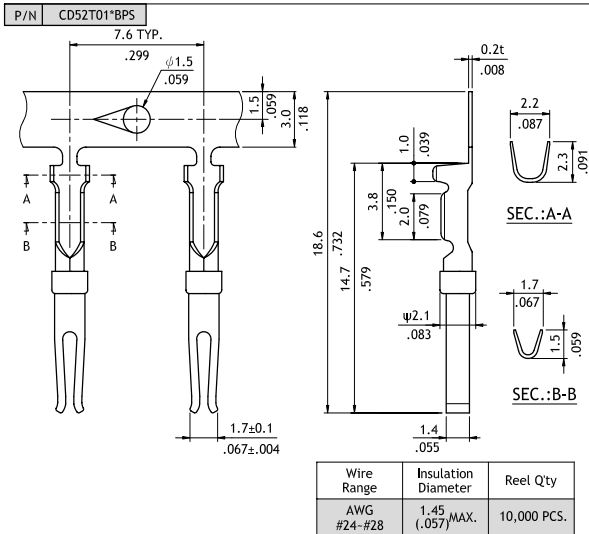
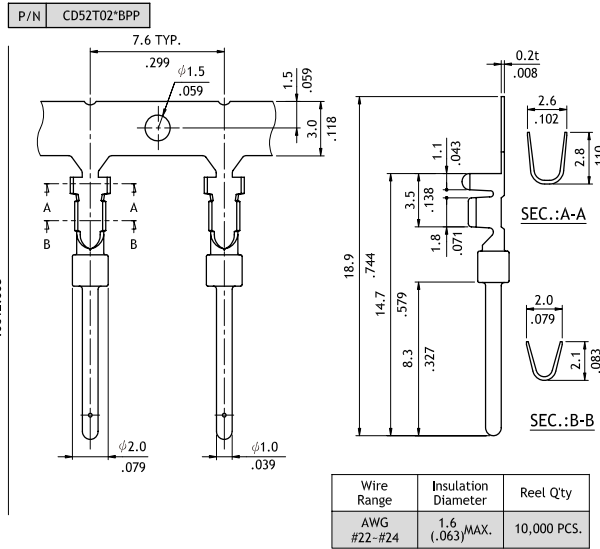
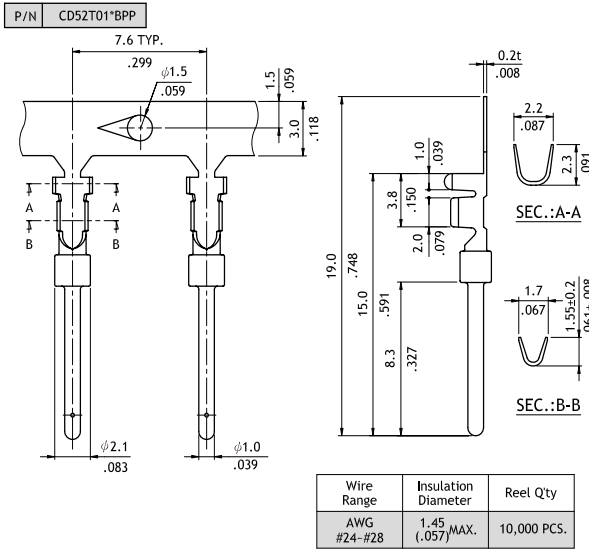
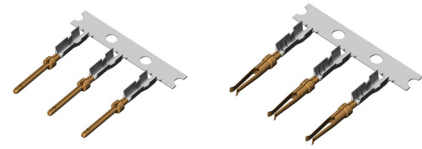
CD

D-SUB CONNECTORS

CD52 Series Crimp Clip Terminal

- ⊙ Mate with CvILux CD52 D-Sub
- ⊙ Low insertion force

RoHS Compliant



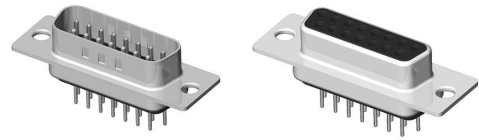
Ordering Code

① CD52 ② T01 ③ A ④ B ⑤ PP

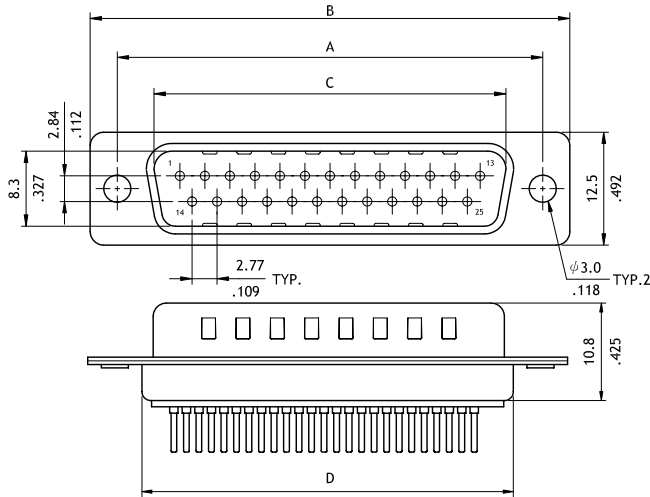
- ① Series No.
- ② Terminal Style:
T01 = for AWG #24 ~ #28
T02 = for AWG #22 ~ #24
- ③ Plating Code:
A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
- ④ Material: B = Brass (Plug)
P = Phosphor Bronze (Receptacle)
- ⑤ Type: PP = Plug Terminal
PS = Receptacle Terminal

CD53 Series Straight DIP Solder D-Sub

- ⊙ Mate with standard D-Sub
- ⊙ With metal shell and solder contacts
- ⊙ Riveted Hex nuts options available

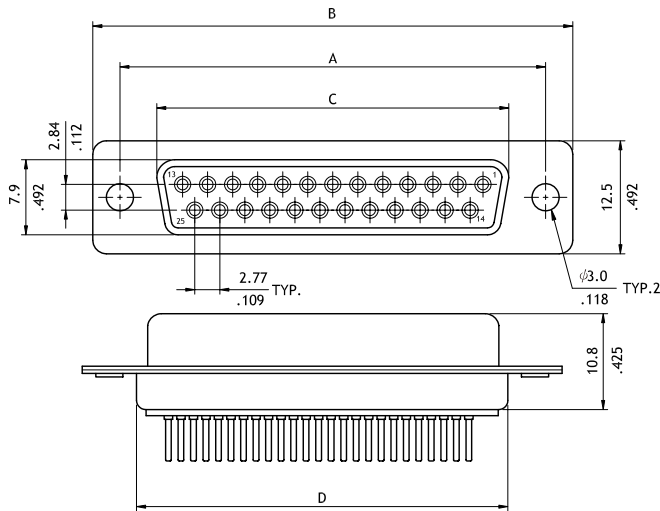
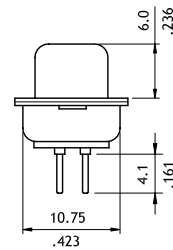


RoHS Compliant



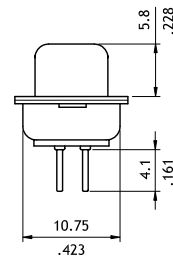
Plug Connector

Circuits	Dimension			
	A	B	C	D
9	25.0(.984)	30.8(1.213)	16.92(.666)	19.2(.756)
15	33.32(1.312)	39.2(1.543)	25.25(.994)	27.7(1.091)
25	47.04(1.852)	53.1(2.091)	38.96(1.534)	41.1(1.618)
37	63.5(2.500)	69.4(2.732)	55.42(2.182)	57.3(2.256)



Receptacle connector

Circuits	Dimension			
	A	B	C	D
9	25.0(.984)	30.8(1.213)	16.3(.642)	19.2(.756)
15	33.32(1.312)	39.2(1.543)	24.6(.969)	27.7(1.091)
25	47.04(1.852)	53.1(2.091)	38.3(1.508)	41.1(1.618)
37	63.5(2.500)	69.4(2.732)	54.8(2.157)	57.3(2.256)



Ordering Code

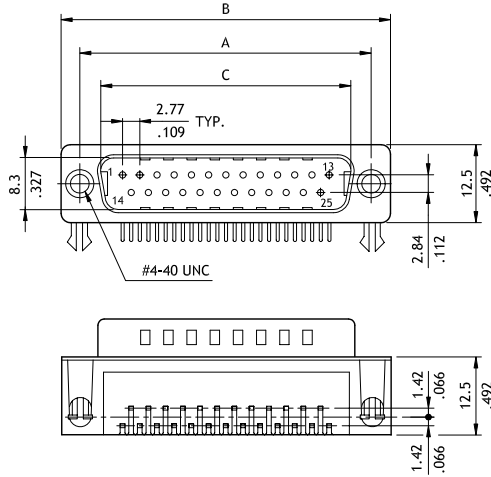
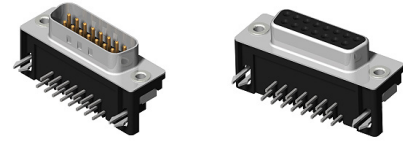
① **CD53** ② **25** ③ **P** ④ **2** ⑤ **1** ⑥ **00**

- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37
- ③ Connector Type:
P = Plug (Male) S = Receptacle (Female)
- ④ Plating Code:
2 = Gold flash over Nickel
A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested

- ⑤ Insulator Color: 1 = Black
*Optional insulator color consult manufacturer
- ⑥ Other Options:
00 = With φ 3.05mm holes on shell (Standard)
B0 = Riveted #4-40 UNC Open nuts on Front shell
C0 = Riveted #4-40 UNC Open nuts on Rear shell
D0 = Riveted #4-40 UNC Ground stand-off on Rear shell
*Special options consult manufacturer

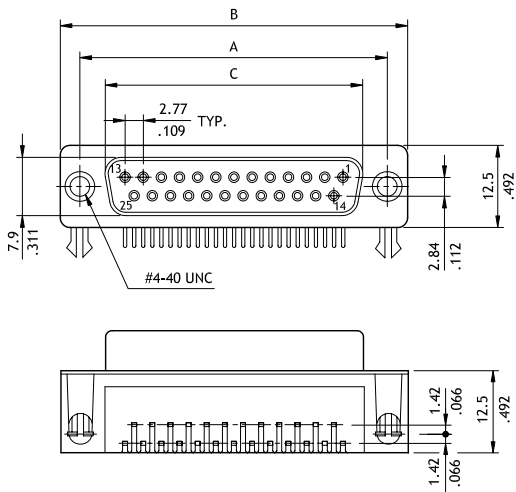
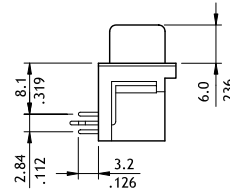
CD61 Series 8.10mm Footprint Right Angle DIP Solder D-Sub

- ⊙ Mate with standard D-Sub
- ⊙ With metal shell and solder contacts
- ⊙ Ground hooks or ground tabs available



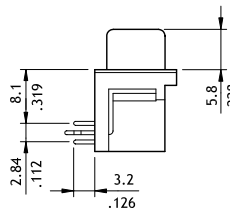
Plug Connector

Circuits	Dimension		
	A	B	C
9	25.0(.984)	30.8(1.213)	16.92(.666)
15	33.32(1.312)	39.2(1.543)	25.25(.994)
25	47.04(1.852)	53.1(2.091)	38.96(1.534)
37	63.5(2.500)	69.4(2.732)	55.42(2.182)



Receptacle connector

Circuits	Dimension		
	A	B	C
9	25.0(.984)	30.8(1.213)	16.3(.642)
15	33.32(1.312)	39.2(1.543)	24.6(.969)
25	47.04(1.852)	53.1(2.091)	38.3(1.508)
37	63.5(2.500)	69.4(2.732)	54.8(2.157)



Ordering Code

① ② ③ ④ ⑤ ⑥
CD6 1 25 P 2 1 F 0

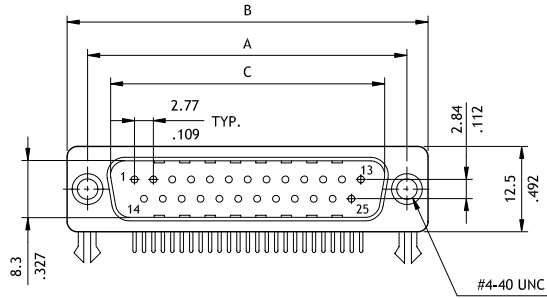
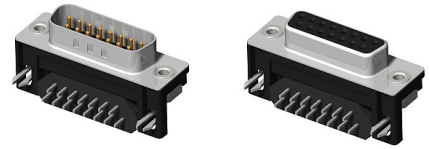
- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37
- ③ Connector Type: P = Plug
S = Receptacle
- ④ Plating Code:
2 = Gold flash over Nickel
A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested

- ⑤ Insulator Color: 1 = Black
*Optional insulator color consult manufacturer
- ⑥ Other Options:
F0 = Riveted ground hooks with #4-40 UNC Open (Standard)
J0 = Assembly ground hooks by #4-40 UNC Hex screws
G0 = Riveted ground hooks pre-loaded #4-40 UNC Hex screws
*Special options consult manufacturer

CD62 Series 8.10mm Footprint EMI Right Angle DIP Solder D-Sub

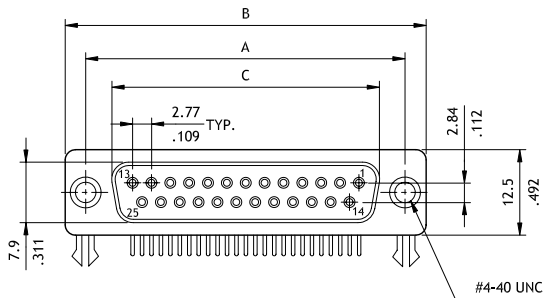
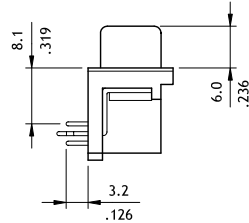
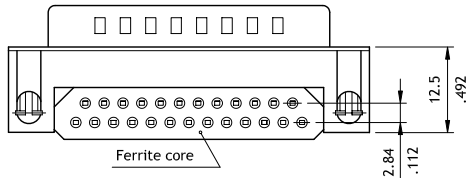
- ⊙ Mate with standard D-Sub
- ⊙ With ferrite core
- ⊙ Optional ground hooks or ground tabs

RoHS Compliant



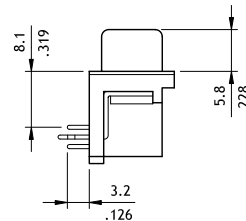
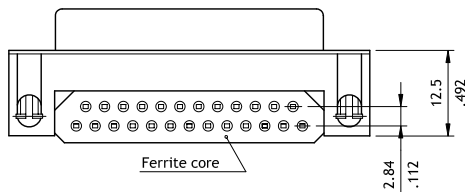
Plug Connector

Circuits	Dimension		
	A	B	C
9	25.0(.984)	30.8(1.213)	16.92(.666)
15	33.32(1.312)	39.2(1.543)	25.25(.994)
25	47.04(1.852)	53.1(2.087)	38.96(1.534)
37	63.5(2.500)	69.4(2.732)	55.42(2.182)



Receptacle connector

Circuits	Dimension		
	A	B	C
9	25.0(.984)	30.8(1.213)	16.3(.642)
15	33.32(1.312)	39.2(1.543)	24.6(.969)
25	47.04(1.852)	53.1(2.091)	38.3(1.508)
37	63.5(2.500)	69.4(2.732)	54.8(2.157)



Ordering Code

① ② ③ ④ ⑤ ⑥
CD62 25 P 2 1 F0

- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37
- ③ Connector Type: P = Plug
S = Receptacle
- ④ Plating Code:
2 = Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black

- ⑥ Other Options:
F0 = Riveted ground hooks with #4-40 UNC Open (Standard)
I0 = Riveted ground tabs thread #4-40 UNC Open and ground tabs with ϕ 3.2mm holes
J0 = Assembly ground hooks by #4-40 UNC Hex screws
G0 = Riveted ground hooks pre-loaded #4-40 UNC Hex screws
*Special options consult manufacturer

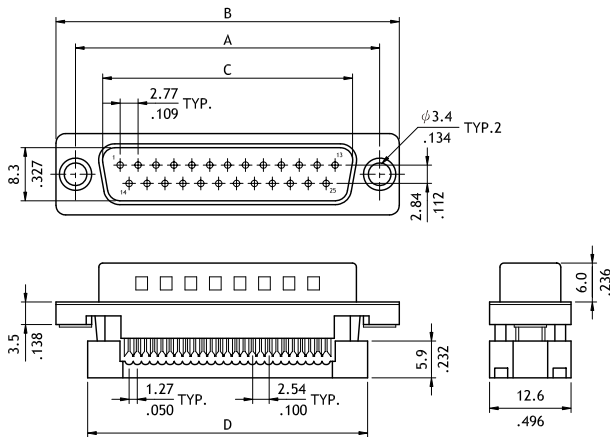
CD

D-SUB CONNECTORS

CD91 Series Flat Cable - IDC D-Sub

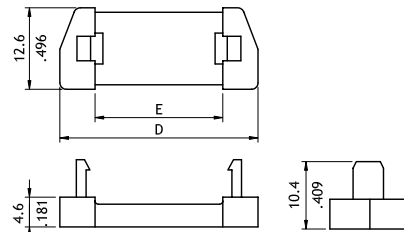
- ⊙ Mate with standard D-Sub and CW03
- ⊙ Flat Ribbon Cable
- ⊙ $\phi 3.4$ mm holes or riveted insert nuts available

RoHS Compliant

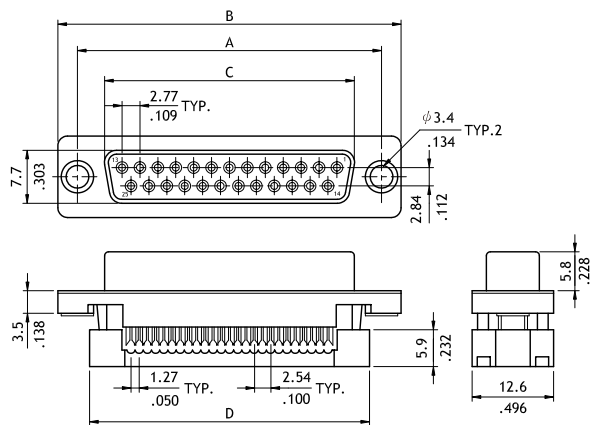


Plug Connector

Circuits	Dimension				
	A	B	C	D	E
9	25.0(.984)	30.8(1.213)	16.92(.666)	22.4(.882)	12.08(.476)
15	33.3(1.311)	39.2(1.543)	25.25(.994)	30.8(1.213)	19.7(.776)
25	47.1(1.854)	53.1(2.091)	38.96(1.534)	44.5(1.752)	32.4(1.276)
37	63.5(2.500)	69.4(2.732)	55.42(2.182)	61.4(2.417)	47.72(1.879)

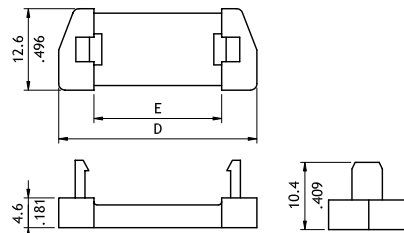


Strain relief



Receptacle connector

Circuits	Dimension				
	A	B	C	D	E
9	25.0(.984)	30.8(1.213)	16.3(.642)	22.4(.882)	12.08(.476)
15	33.3(1.311)	39.2(1.543)	24.6(.969)	30.8(1.213)	19.7(.776)
25	47.1(1.854)	53.1(2.091)	38.3(1.508)	44.5(1.752)	32.4(1.276)
37	63.5(2.500)	69.4(2.732)	54.8(2.157)	61.4(2.417)	47.72(1.879)



Strain relief

Ordering Code

① ② ③ ④ ⑤ ⑥
CD91 25 P A 1 S0

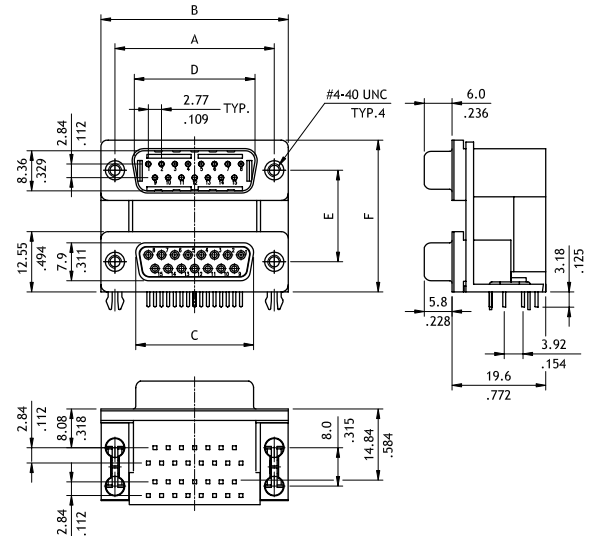
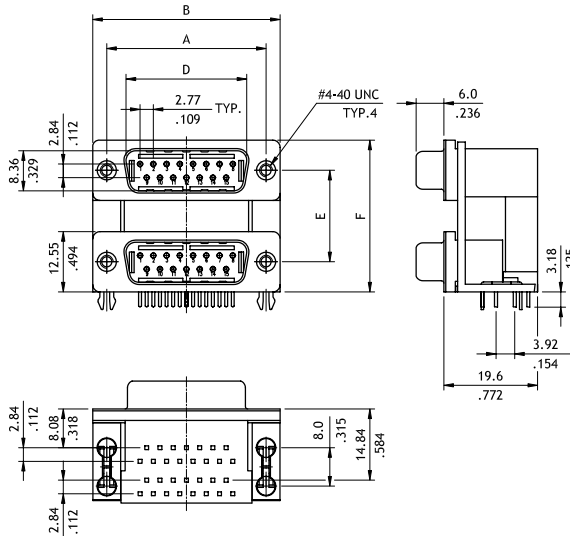
- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37
- ③ Connector Type: P = Plug
S = Receptacle
- ④ Plating Code :A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black
7 = Blue
- ⑥ Other Options:
S0 = Metal shell with $\phi 3.4$ mm holes with S/R (Standard)
S1 = Metal shell #4-40 UNC insert nuts with S/R
*Special options consult manufacturer

CD81 Series Stacked Right Angle DIP Solder D-Sub

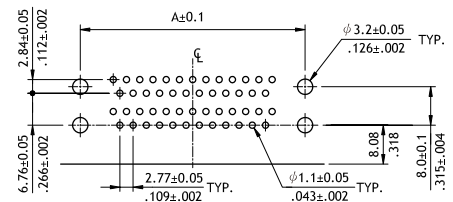
- ⊙ Mate with standard D-Sub
- ⊙ With metal shell and solder tails
- ⊙ Optional row spacing and position
- ⊙ In various pin configuration



RoHS Compliant



CVILUX P/N	Dimension				
	A	B	D	E	F
CD81V1P**A*	24.99(.984)	30.81(1.213)	16.92(.666)		
CD81V2P**A*	33.32(1.312)	39.19(1.543)	25.25(.994)	15.88(.625)	28.43(1.119)
CD81V3P**A*	47.04(1.852)	53.04(2.088)	38.96(1.534)		
CD81V7P**A*	63.50(2.500)	69.32(2.729)	55.42(2.182)		
CD81V1P**B*	24.99(.984)	30.81(1.213)	16.92(.666)		
CD81V2P**B*	33.32(1.312)	39.19(1.543)	25.25(.994)	19.05(.750)	31.60(1.244)
CD81V3P**B*	47.04(1.852)	53.04(2.088)	38.96(1.534)		
CD81V7P**B*	63.50(2.500)	69.32(2.729)	55.42(2.182)		
CD81V1P**C*	24.99(.984)	30.81(1.213)	16.92(.666)		
CD81V2P**C*	33.32(1.312)	39.19(1.543)	25.25(.994)	22.86(.900)	35.41(1.394)
CD81V3P**C*	47.04(1.852)	53.04(2.088)	38.96(1.534)		
CD81V7P**C*	63.50(2.500)	69.32(2.729)	55.42(2.182)		



Recommended PCB Layout

Ordering Code

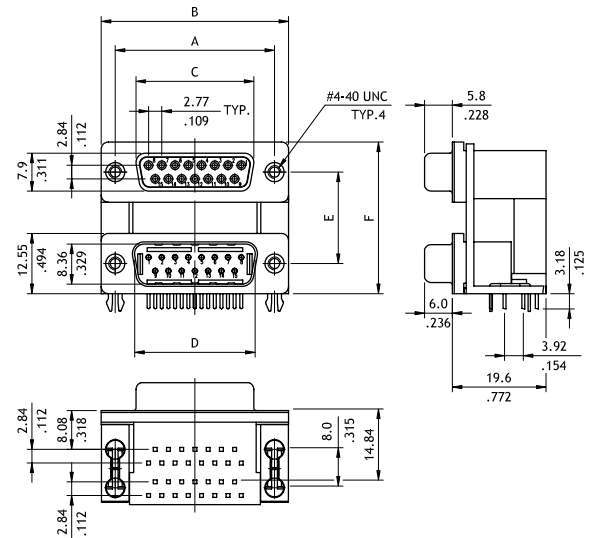
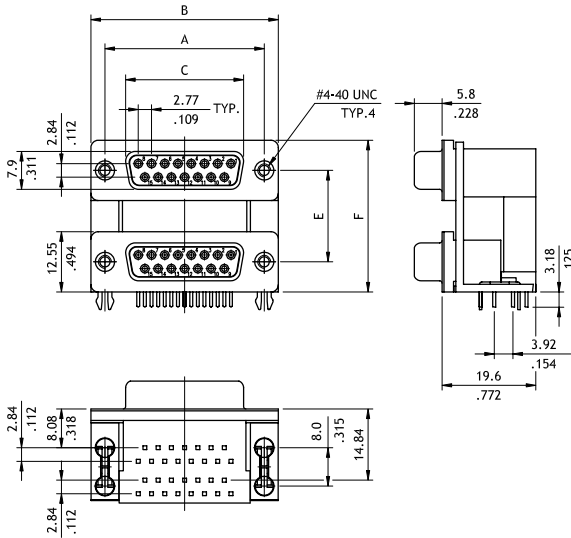


- ① Series No.
- ② Contacts configuration:
V1 = 9 to 9, V2 = 15 to 15
V3 = 25 to 25, V4 = 9 to 25
V5 = 25 to 9, V6 = 25 to 15
V7 = 37 to 37
- ③ Connector Type:
PP = Plug to plug
PS = Plug to receptacle
- ④ Plating Code: A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Row Spacing: A: DIM.E = 15.88mm, B: DIM.E = 19.05mm
C: DIM.E = 22.86mm
- ⑥ Other Options:
C = Riveted ground hooks with #4-40 UNC open (Standard)
S = Riveted ground hooks pre-loaded #4-40 UNC Hex screws
*Special options consult manufacturer

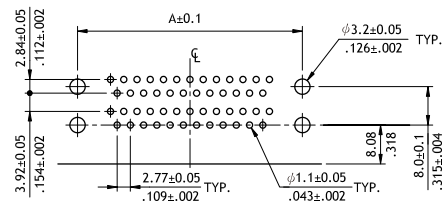
CD81 Series Stacked Right Angle DIP Solder D-Sub

- ⊙ Mate with standard D-Sub
- ⊙ With metal shell and solder tails
- ⊙ Optional row spacing and position
- ⊙ In various pin configuration

RoHS Compliant



CVILUX P/N	Dimension					
	A	B	C	D	E	F
CD81V1SS*A	24.99(.984)	30.81(1.213)	16.33(.643)	16.92(.666)		
CD81V2SS*A	33.32(1.312)	39.19(1.543)	24.66(.971)	25.25(.994)	15.88(.625)	28.43(1.119)
CD81V3SS*A	47.04(1.852)	53.04(2.088)	38.38(1.511)	38.96(1.534)		
CD81V7SS*A	63.50(2.500)	69.32(2.729)	54.84(2.159)	55.42(2.182)		
CD81V1SS*B	24.99(.984)	30.81(1.213)	16.33(.643)	16.92(.666)		
CD81V2SS*B	33.32(1.312)	39.19(1.543)	24.66(.971)	25.25(.994)	19.05(.750)	31.60(1.244)
CD81V3SS*B	47.04(1.852)	53.04(2.088)	38.38(1.511)	38.96(1.534)		
CD81V7SS*B	63.50(2.500)	69.32(2.729)	54.84(2.159)	55.42(2.182)		
CD81V1SS*C	24.99(.984)	30.81(1.213)	16.33(.643)	16.92(.666)		
CD81V2SS*C	33.32(1.312)	39.19(1.543)	24.66(.971)	25.25(.994)	22.86(.900)	35.41(1.394)
CD81V3SS*C	47.04(1.852)	53.04(2.088)	38.38(1.511)	38.96(1.534)		
CD81V7SS*C	63.50(2.500)	69.32(2.729)	54.84(2.159)	55.42(2.182)		



Recommended PCB Layout

Ordering Code

① CD ② 8 ③ 1 ④ V ⑤ 1 ⑥ SS ⑦ A ⑧ A ⑨ C

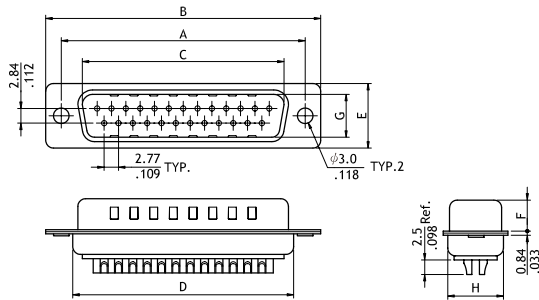
- ① Series No.
- ② Contacts configuration:
V1 = 9 to 9, V2 = 15 to 15
V3 = 25 to 25, V4 = 9 to 25
V5 = 25 to 9, V6 = 25 to 15
V7 = 37 to 37
- ③ Connector Type:
SS = Receptacle to receptacle
SP = Receptacle to plug
- ④ Plating Code: A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Row Spacing: A: DIM.E = 15.88mm, B: DIM.E = 19.05mm
C: DIM.E = 22.86mm
- ⑥ Other Options:
C = Riveted ground hooks with #4-40 UNC open (Standard)
S = Riveted ground hooks pre-loaded #4-40 UNC Hex screws
*Special options consult manufacturer

CD71 Series Machined Contact Solder Cup D-Sub

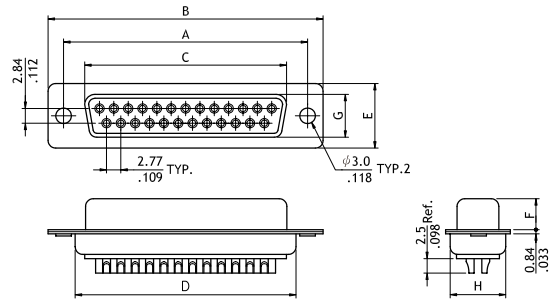
- ⊙ Mate with standard D-Sub
- ⊙ With metal shell and solder tails
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant  

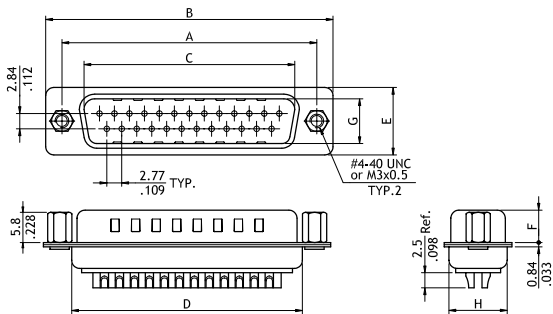
Plug Connector(00Type)



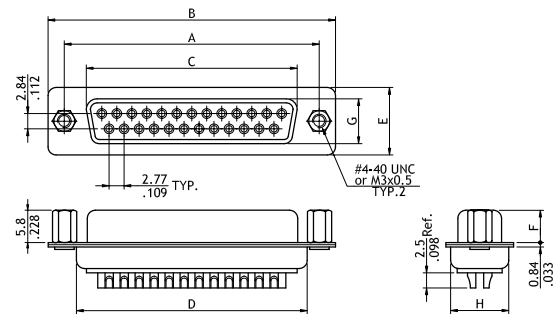
Receptacle Connector(00Type)



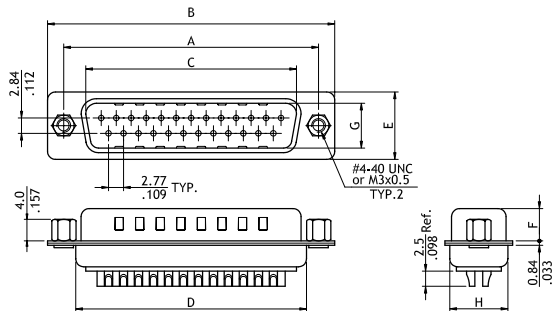
Plug Connector(A0/A1Type)



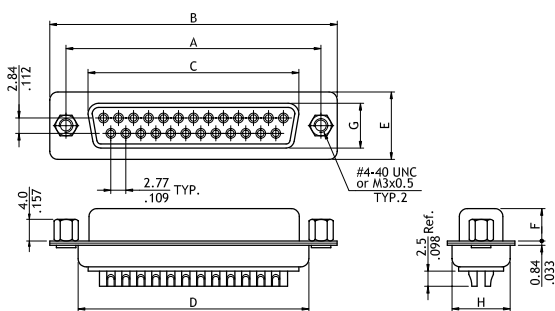
Receptacle Connector(A0/A1Type)



Plug Connector(B0/B1Type)



Receptacle Connector(B0/B1Type)

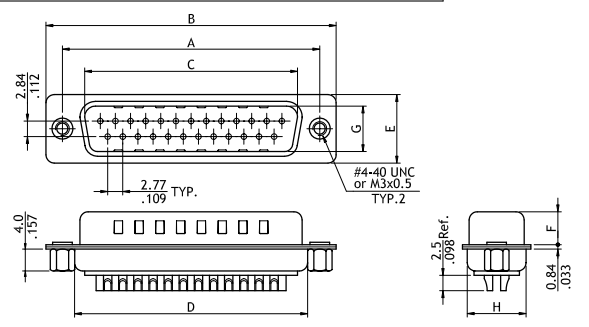


CD

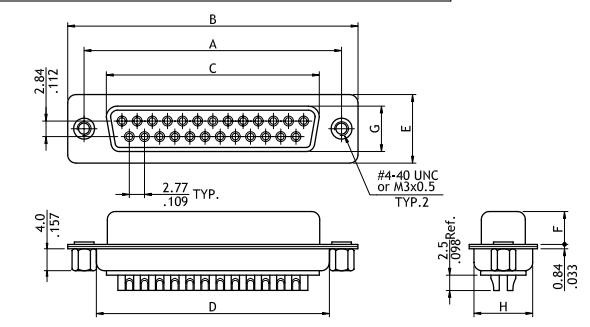
D-SUB CONNECTORS

CD71 Series Machined Contact Solder Cup D-Sub

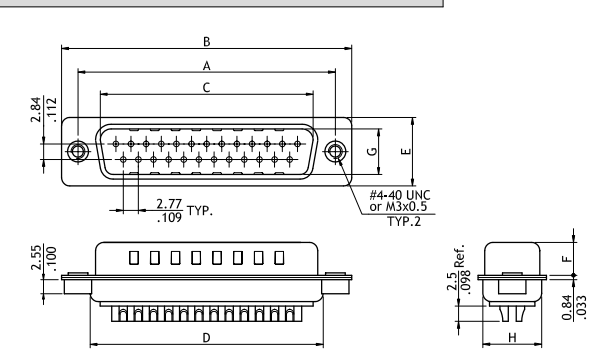
Plug Connector(C0/C1Type)



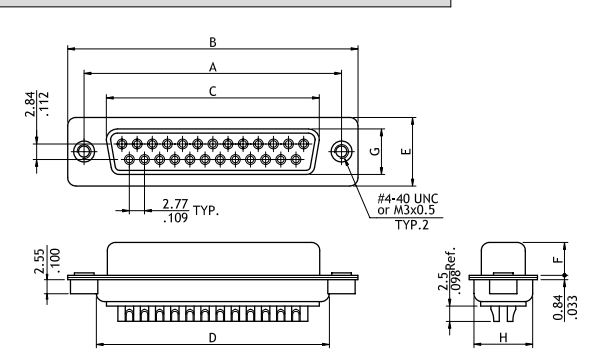
Receptacle Connector(C0/C1Type)



Plug Connector(K0/K1Type)



Receptacle Connector(K0/K1Type)



Circuits	Connector Type	Dimension							
		A	B	C	D	E	F	G	H
9	Plug	25.0(.984)	30.8(1.213)	16.92(.666)	19.2(.756)	12.5(.492)	6.0(.236)	8.3(.327)	10.75(.423)
	Receptacle	25.0(.984)	30.8(1.213)	16.30(.642)	19.2(.756)	12.5(.492)	5.8(.228)	7.9(.311)	10.75(.423)
15	Plug	33.32(1.312)	39.2(1.543)	25.25(.994)	27.6(1.087)	12.5(.492)	6.0(.236)	8.3(.327)	10.75(.423)
	Receptacle	33.32(1.312)	39.2(1.543)	24.6(.969)	27.6(1.087)	12.5(.492)	5.8(.228)	7.9(.311)	10.75(.423)
25	Plug	47.04(1.852)	53.1(2.091)	38.96(1.534)	41.1(1.618)	12.5(.492)	6.0(.236)	8.3(.327)	10.75(.423)
	Receptacle	47.04(1.852)	53.1(2.091)	38.3(1.508)	41.1(1.618)	12.5(.492)	5.8(.228)	7.9(.311)	10.75(.423)
37	Plug	63.5(2.500)	69.4(2.732)	55.42(2.182)	57.3(2.256)	12.5(.492)	6.0(.236)	8.3(.327)	10.75(.423)
	Receptacle	63.5(2.500)	69.4(2.732)	54.80(2.157)	57.3(2.256)	12.5(.492)	5.8(.228)	7.9(.311)	10.75(.423)
50	Plug	61.0(2.242)	69.4(2.732)	52.81(2.079)	55.0(2.169)	15.3(.602)	6.0(.236)	11.1(.473)	13.35(.526)
	Receptacle	61.0(2.242)	69.4(2.732)	52.2(2.055)	55.0(2.169)	15.3(.602)	5.8(.228)	10.9(.429)	13.35(.526)

Ordering Code

① ② ③ ④ ⑤ ⑥
CD71 25 P 2 1 00

- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37, 50
- ③ Connector Type: P = Plug (Male)
S = Receptacle (Female)
- ④ Plating Code: 2 = Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black
*Optional insulator color consult manufacturer

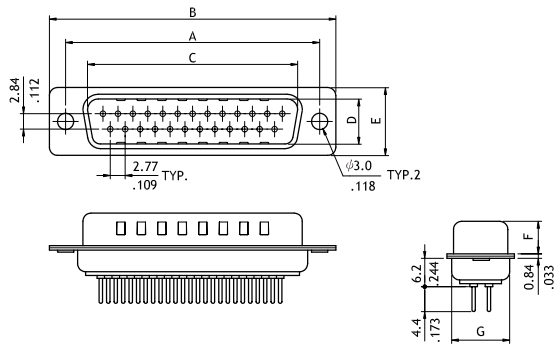
- ⑥ Other Options:
 00 = With ϕ 3.0mm holes on shell (Standard)
 A0 = Riveted #4-40 UNC Close nuts on Front shell
 A1 = Riveted M3x0.5 Close nuts on Front shell
 B0 = Riveted #4-40 UNC Open nuts on Front shell
 B1 = Riveted M3x0.5 Open nuts on Front shell
 C0 = Riveted #4-40 UNC Open nuts on Rear shell
 C1 = Riveted M3x0.5 Open nuts on Rear shell
 K0 = Riveted #4-40 UNC Open nuts on Rear shell
 K1 = Riveted M3x0.5 Open nuts on Rear shell
 *Special options consult manufacturer

CD72 Series Machined Contact Straight DIP Solder D-Sub

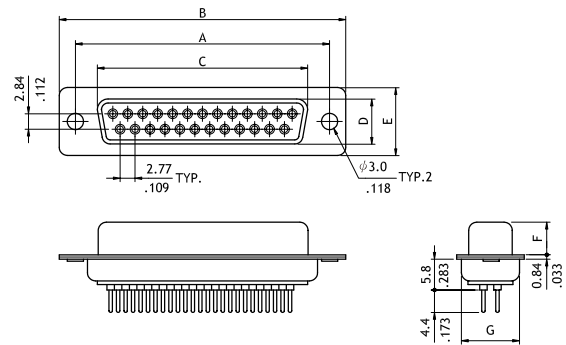
- ⊙ Mate with standard D-Sub
- ⊙ With metal shell and solder tails
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant

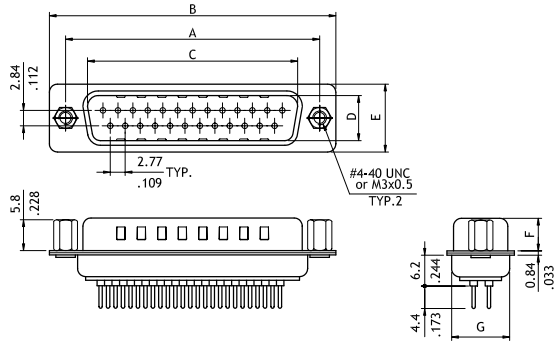
Plug Connector (00Type)



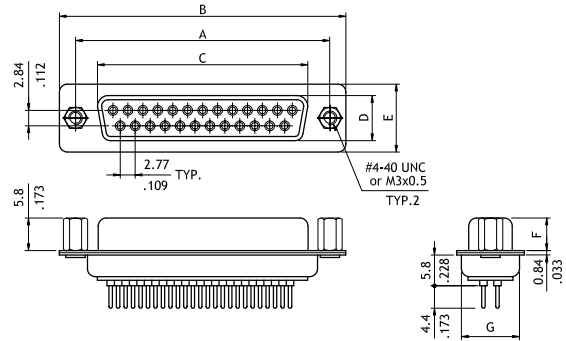
Receptacle Connector (00Type)



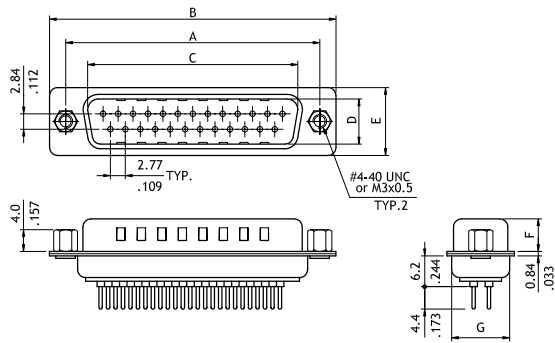
Plug Connector (A0/A1Type)



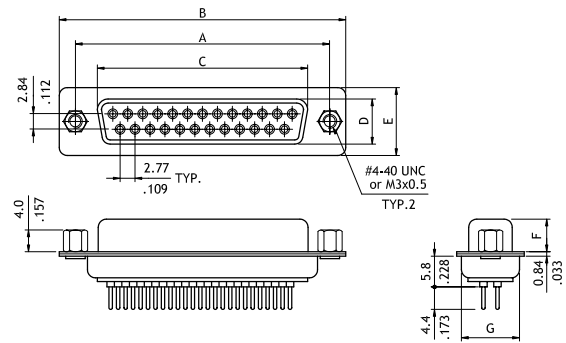
Receptacle Connector (A0/A1Type)



Plug Connector (B0/B1Type)



Receptacle Connector (B0/B1Type)

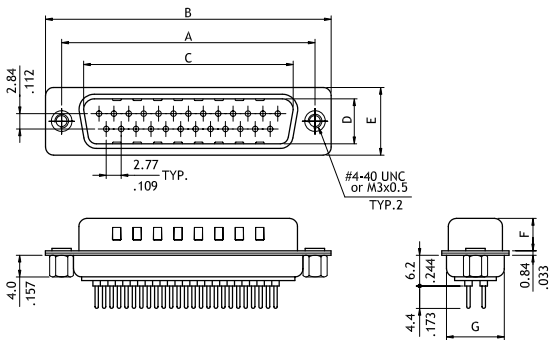


CD

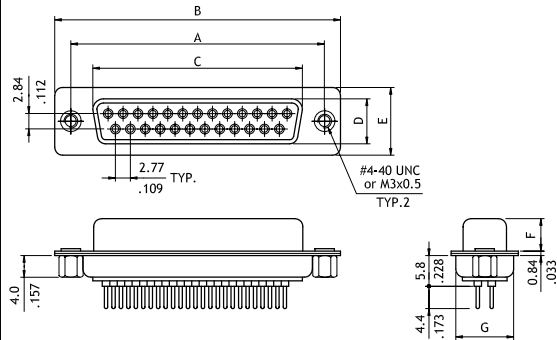
D-SUB CONNECTORS

CD72 Series Machined Contact Straight DIP Solder D-Sub

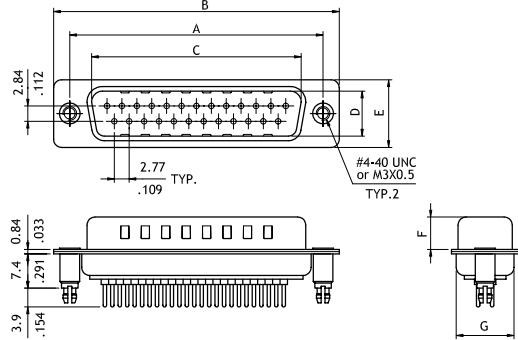
Plug Connector (C0/C1 Type)



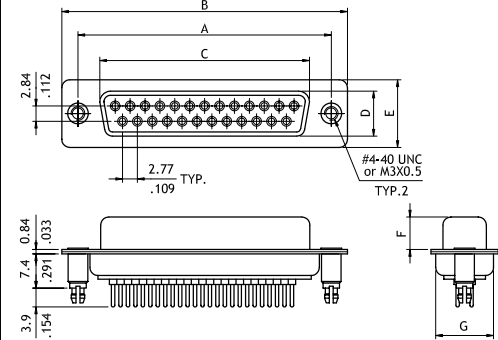
Receptacle Connector (C0/C1 Type)



Plug Connector (D3/D4 Type)



Receptacle Connector (D3/D4 Type)



Circuits	Connector Type	Dimension						
		A	B	C	D	E	F	G
9	Plug	25.0(.984)	30.8(1.213)	16.92(.666)	8.3(.327)	12.5(.492)	6.0(.236)	10.75(.423)
	Receptacle	25.0(.984)	30.8(1.213)	16.3(.642)	7.9(.311)	12.5(.492)	5.8(.228)	10.75(.423)
15	Plug	33.32(1.312)	39.2(1.543)	25.25(.994)	8.3(.327)	12.5(.492)	6.0(.236)	10.75(.423)
	Receptacle	33.32(1.312)	39.2(1.543)	24.6(.969)	7.9(.311)	12.5(.492)	5.8(.228)	10.75(.423)
25	Plug	47.04(1.852)	53.1(2.091)	38.96(1.534)	8.3(.327)	12.5(.492)	6.0(.236)	10.75(.423)
	Receptacle	47.04(1.852)	53.1(2.091)	38.3(1.508)	7.9(.311)	12.5(.492)	5.8(.228)	10.75(.423)
37	Plug	63.5(2.500)	69.4(2.732)	55.42(2.182)	8.3(.327)	12.5(.492)	6.0(.236)	10.75(.423)
	Receptacle	63.5(2.500)	69.4(2.732)	54.8(2.157)	7.9(.311)	12.5(.492)	5.8(.228)	10.75(.423)
50	Plug	61.0(2.402)	67.0(2.638)	52.8(2.079)	11.1(.473)	15.3(.602)	6.0(.236)	13.35(.526)
	Receptacle	61.0(2.402)	67.0(2.638)	52.2(2.055)	10.9(.429)	15.3(.602)	5.8(.228)	13.55(.526)

Ordering Code

① ② ③ ④ ⑤ ⑥
CD72 25 P 2 1 00

- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37, 50
- ③ Connector Type: P = Plug (Male)
S = Receptacle (Female)
- ④ Plating Code: 2 = Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black
*Optional insulator color consult manufacturer

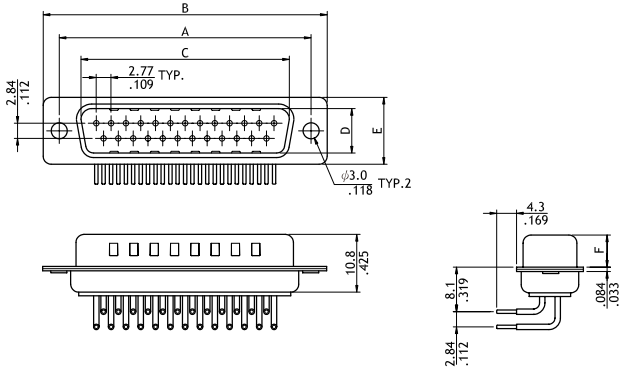
- ⑥ Other Options:
 00 = With ϕ 3.0mm holes on shell (Standard)
 A0 = Riveted #4-40 UNC Close nuts on Front shell
 A1 = Riveted M3x0.5 Close nuts on Front shell
 B0 = Riveted #4-40 UNC Open nuts on Front shell
 B1 = Riveted M3x0.5 Open nuts on Front shell
 C0 = Riveted #4-40 UNC Open nuts on Rear shell
 C1 = Riveted M3x0.5 Open nuts on Rear shell
 D3 = Riveted #4-40 UNC Close ground stand-off on Rear shell
 D4 = Riveted M3x0.5 Close ground stand-off on Rear shell
 *Special options consult manufacturer

CD73 Series 8.10mm Footprint Right Angle DIP Solder D-Sub

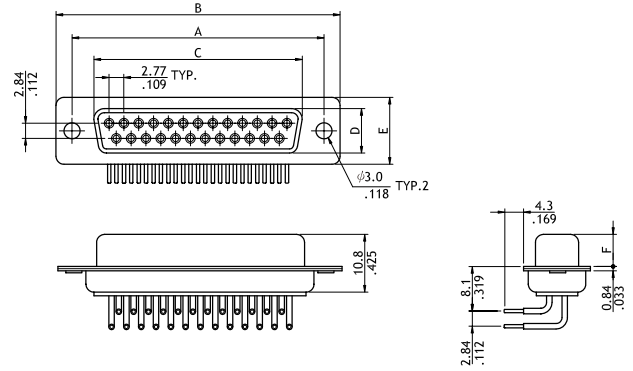
- ⊙ Machined contact with right angle solder tails
- ⊙ Mate with standard D-Sub
- ⊙ Metal shell and solder tails
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant 

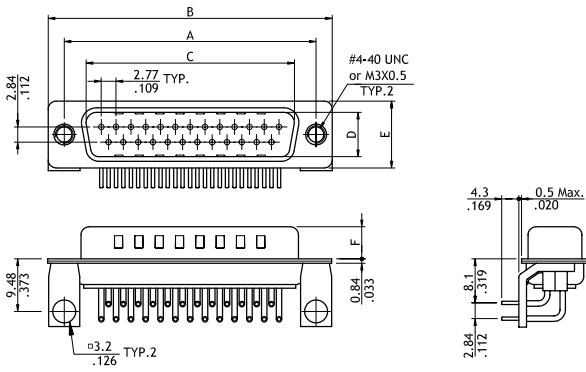
Plug Connector (00Type)



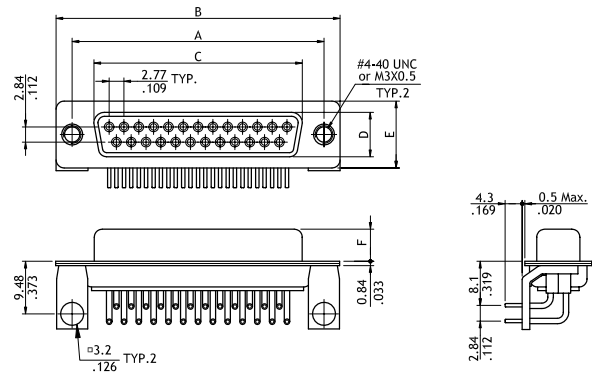
Receptacle Connector (00Type)



Plug Connector (I0/I2Type)



Receptacle Connector (I0/I2Type)

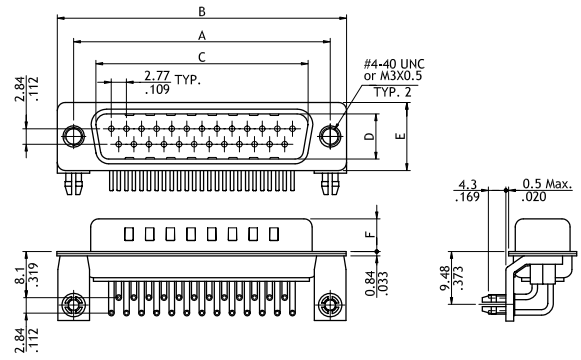


CD

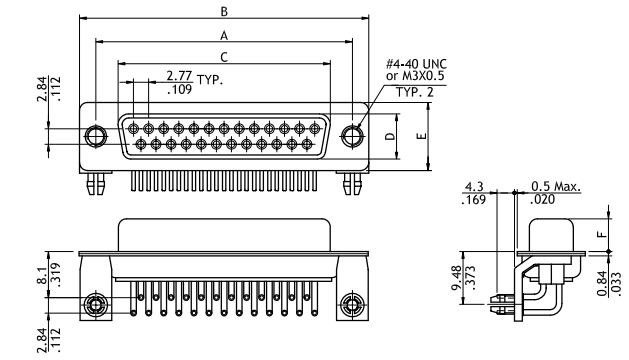
D-SUB CONNECTORS

CD73 Series 8.10mm Footprint Right Angle DIP Solder D-Sub

Plug Connector(I1/I3Type)



Receptacle Connector(I1/I3Type)



Circuits	Connector Type	Dimension					
		A	B	C	D	E	F
9	Plug	25.0(.984)	30.8(1.213)	16.92(.666)	8.3(.327)	12.5(.492)	6.0(.236)
	Receptacle	25.0(.984)	30.8(1.213)	16.3(.642)	7.9(.311)	12.5(.492)	5.8(.228)
15	Plug	33.32(1.312)	39.2(1.543)	25.25(.994)	8.3(.327)	12.5(.492)	6.0(.236)
	Receptacle	33.32(1.312)	39.2(1.543)	24.6(.969)	7.9(.311)	12.5(.492)	5.8(.228)
25	Plug	47.04(1.852)	53.1(2.091)	38.96(1.534)	8.3(.327)	12.5(.492)	6.0(.236)
	Receptacle	47.04(1.852)	53.1(2.091)	38.3(1.508)	7.9(.311)	12.5(.492)	5.8(.228)
37	Plug	63.5(2.500)	69.4(2.732)	55.42(2.182)	8.3(.327)	12.5(.492)	6.0(.236)
	Receptacle	63.5(2.500)	69.4(2.732)	54.8(2.157)	7.9(.311)	12.5(.492)	5.8(.228)

Ordering Code

① CD73 ② 25 ③ P ④ 2 ⑤ 1 ⑥ 00

- ① Series No.
- ② No. of Circuits: 09, 15, 25, 37
- ③ Connector Type: P = Plug
S = Receptacle
- ④ Plating Code: 2 = Gold flash over Nickel
*Optional plating available but MOQ requested
- ⑤ Insulator Color: 1 = Black

- ⑥ Other Options:
 00 =With ϕ 3.0mm holes on shell (Standard)
 I 0 =Riveted ground tabs #4-40 UNC Open and ground tabs with ϕ 3.2mm holes
 I2 =Riveted ground tabs thread M3x0.5 Open and ground tabs with ϕ 3.2mm holes
 I1 =Riveted ground tabs #4-40 UNC Open and ground tabs with board lock
 I3 =Riveted ground tabs thread M3x0.5 Open and ground tabs with board lock
 *Special options consult manufacturer

Combo D-Sub Technical Specifications

- ⊙ The connectors conform to MIL-24308(DIN 41652) and the shell dimensions are the same as standard D-sub connectors so that mating is no problem
- ⊙ Test methods for electronic connector are according to MILITARY standard MIL-STD-1344A and MILSTD-202F

Construction

Connector Assemblies -

- Shell : Steel, Tin Plated as Standard
- Insulator : Glass filled polyester UL 94V-0
Color Black or Green
- Signal Contact when applicable :
Copper alloy : Please see ordering code for plating options
- Standoff : Copper alloy, Tin over Copper
- Bracket : Steel, Nickel plated
- Rivnut : Copper alloy, Nickel plated
- Locking Clipper : Copper alloy, Tin over Copper

Coaxial Contact Assembly -

- Insulator : Teflon UL 94V-0, Color White
- Center and outside contact : Copper alloy
Please see ordering code for plating options
- Lock link : Copper alloy, Tin plated over Nickel

High Power Contact Assembly -

- Contact : Copper alloy
Please see ordering code for plating options
- Lock link : Copper alloy, Tin plated over Nickel

Performance Data

- Signal contact current rating : 3 Amps
- Signal contact resistance : < 10 mΩ
- Dielectric withstanding Voltage: 1000VAC for one minute at sea level
- Insulation Resistance : > 5000 MΩ
- Coaxial Contact impedance : 75Ω or 50Ω
- High power contact current rating : 40 or 20 Amps
- High power contact Resistance : < 2.7 m
- Connector mating and unmating force:17.0 kgf max.
- Durability:100 Cycles
- Operating Temperature: -55°~+125°C

Contact Arrangements

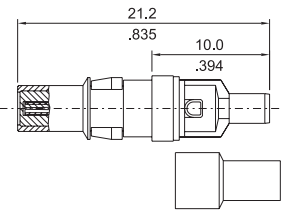
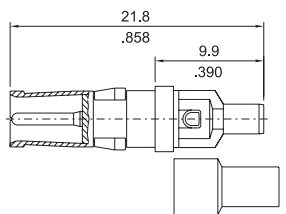
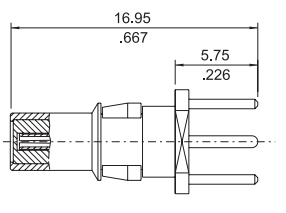
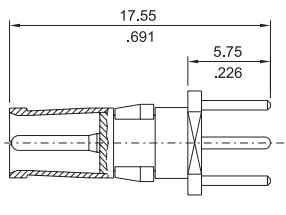
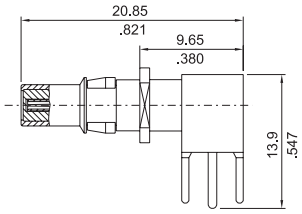
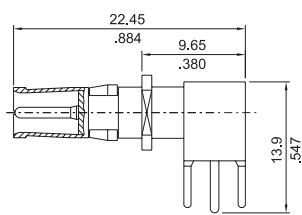
- ⊙ Accommodated removable Coaxial and high power contacts
- ⊙ The product indicated “◆” Not available at present

	◆						◆	
Contact Arrangement		5W1	3W3	7W2	11W1	5W5		9W4
Shell Size		E	A	A	A	B		B
No. of Signal Contacts		4	0	5	10	0		5
No. of Coaxial Contacts		1	3	2	1	5		4
				◆				
Contact Arrangement		13W3	17W2		21W1	8W8		
Shell Size		B	B		B	C		
No. of Signal Contacts		10	15		20	0		
No. of Coaxial Contacts		3	2		1	8		
		◆		◆				
Contact Arrangement			13W6		17W5	21W4		
Shell Size			C		C	C		
No. of Signal Contacts			7		12	17		
No. of Coaxial Contacts			6		5	4		
			◆		◆			
Contact Arrangement		25W3		27W2		24W7		
Shell Size		C		C		D		
No. of Signal Contacts		22		25		17		
No. of Coaxial Contacts		3		2		7		
			◆		◆			
Contact Arrangement		36W4		43W2		47W1		
Shell Size		D		D		D		
No. of Signal Contacts		32		41		46		
No. of Coaxial Contacts		4		2		1		

Mounting Style Options

0	Riveted front and rear shell with 3.05mm Hole	A	Riveted #4-40 UNC close nuts on front shell DIM L= 5.8mm (Standard)	B	Riveted #4-40 UNC open nuts on front shell DIM L= 4.0mm (Standard)
C	Riveted #4-40 UNC open nuts on rear shell DIM. L= 4.0mm (Standard)	D	Riveted #4-40 UNC close ground Stand-off on rear shell DIM L=7.0mm (Standard)	I	Riveted ground tabs with #4-40 UNC open

Coaxial Contact for Combination D-Sub

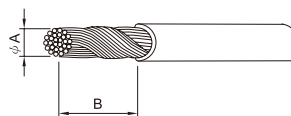
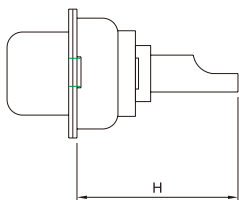
Contact Type	Shape	Part No.	Plating	Impedance	R.G Cable
Solder Cup	 <p>Plug Contact</p>	CXLTPS27500	Gold flash plated over 50µin Nickel	75Ω	179B/U
		CXLTPS37500	15µin Gold plated over 50µin Nickel		
		CXLTPS47500	30µin Gold plated over 50µin Nickel		
		CXLTPS57500	50µin Gold plated over 50µin Nickel		
		CXLTPS25000	Gold flash plated over 50µin Nickel		
		CXLTPS35000	15µin Gold plated over 50µin Nickel		
		CXLTPS45000	30µin Gold plated over 50µin Nickel		
	 <p>Receptacle Contact</p>	CXLTPS55000	50µin Gold plated over 50µin Nickel	50Ω	178B/U
		CXLTPS55000	50µin Gold plated over 50µin Nickel		
		CXLTPS55000	50µin Gold plated over 50µin Nickel		
		CXLTPS55000	50µin Gold plated over 50µin Nickel		
		CXLTPS55000	50µin Gold plated over 50µin Nickel		
		CXLTPS55000	50µin Gold plated over 50µin Nickel		
		CXLTPS55000	50µin Gold plated over 50µin Nickel		
Straight DIP	 <p>Plug Contact</p>	CXLTPV27500	Gold flash plated over 50µin Nickel	75Ω	—
		CXLTPV37500	15µin Gold plated over 50µin Nickel		
		CXLTPV47500	30µin Gold plated over 50µin Nickel		
		CXLTPV57500	50µin Gold plated over 50µin Nickel		
		CXLTPV25000	Gold flash plated over 50µin Nickel		
		CXLTPV35000	15µin Gold plated over 50µin Nickel		
		CXLTPV45000	30µin Gold plated over 50µin Nickel		
	 <p>Receptacle Contact</p>	CXLTPV55000	50µin Gold plated over 50µin Nickel	50Ω	—
		CXLTPV55000	50µin Gold plated over 50µin Nickel		
		CXLTPV55000	50µin Gold plated over 50µin Nickel		
		CXLTPV55000	50µin Gold plated over 50µin Nickel		
		CXLTPV55000	50µin Gold plated over 50µin Nickel		
		CXLTPV55000	50µin Gold plated over 50µin Nickel		
		CXLTPV55000	50µin Gold plated over 50µin Nickel		
Right Angle DIP	 <p>Plug Contact</p>	CXLTPH27500	Gold flash plated over 50µin Nickel	75Ω	—
		CXLTPH37500	15µin Gold plated over 50µin Nickel		
		CXLTPH47500	30µin Gold plated over 50µin Nickel		
		CXLTPH57500	50µin Gold plated over 50µin Nickel		
		CXLTPH25000	Gold flash plated over 50µin Nickel		
		CXLTPH35000	15µin Gold plated over 50µin Nickel		
		CXLTPH45000	30µin Gold plated over 50µin Nickel		
	 <p>Receptacle Contact</p>	CXLTPH55000	50µin Gold plated over 50µin Nickel	50Ω	—
		CXLTPH55000	50µin Gold plated over 50µin Nickel		
		CXLTPH55000	50µin Gold plated over 50µin Nickel		
		CXLTPH55000	50µin Gold plated over 50µin Nickel		
		CXLTPH55000	50µin Gold plated over 50µin Nickel		
		CXLTPH55000	50µin Gold plated over 50µin Nickel		
		CXLTPH55000	50µin Gold plated over 50µin Nickel		

CD

D-SUB CONNECTORS

High Power Contact for Combination D-Sub

Contact Type	Shape	Part No.	Plating	Current Rating	Wire Size
Solder Cup	<p>Plug Contact</p>	CHPTPS22000	Gold flash plated over 50µin Nickel	20A	AWG #12~#14
		CHPTPS32000	15µin Gold plated over 50µin Nickel		
		CHPTPS42000	30µin Gold plated over 50µin Nickel		
		CHPTPS52000	50µin Gold plated over 50µin Nickel		
		CHPTPS24000	Gold flash plated over 50µin Nickel	40A	AWG #8~#10
		CHPTPS34000	15µin Gold plated over 50µin Nickel		
		CHPTPS44000	30µin Gold plated over 50µin Nickel		
	<p>Receptacle Contact</p>	CHPTSS22000	Gold flash plated over 50µin Nickel	20A	AWG #12~#14
		CHPTSS32000	15µin Gold plated over 50µin Nickel		
		CHPTSS42000	30µin Gold plated over 50µin Nickel		
		CHPTSS52000	50µin Gold plated over 50µin Nickel		
		CHPTSS24000	Gold flash plated over 50µin Nickel	40A	AWG #8~#10
		CHPTSS34000	15µin Gold plated over 50µin Nickel		
		CHPTSS44000	30µin Gold plated over 50µin Nickel		
Crimp Type	<p>Plug Contact</p>	CHPTPC22000	Gold flash plated over 50µin Nickel	20A	AWG #12~#14
		CHPTPC32000	15µin Gold plated over 50µin Nickel		
		CHPTPC42000	30µin Gold plated over 50µin Nickel		
		CHPTPC52000	50µin Gold plated over 50µin Nickel		
		CHPTPC24000	Gold flash plated over 50µin Nickel	40A	AWG #8~#10
		CHPTPC34000	15µin Gold plated over 50µin Nickel		
		CHPTPC44000	30µin Gold plated over 50µin Nickel		
	<p>Receptacle Contact</p>	CHPTSC22000	Gold flash plated over 50µin Nickel	20A	AWG #12~#14
		CHPTSC32000	15µin Gold plated over 50µin Nickel		
		CHPTSC42000	30µin Gold plated over 50µin Nickel		
		CHPTSC52000	50µin Gold plated over 50µin Nickel		
		CHPTSC24000	Gold flash plated over 50µin Nickel	40A	AWG #8~#10
		CHPTSC34000	15µin Gold plated over 50µin Nickel		
		CHPTSC44000	30µin Gold plated over 50µin Nickel		
		CHPTSC54000 ³	50µin Gold plated over 50µin Nickel		

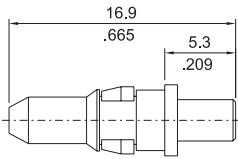
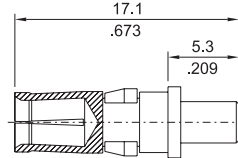
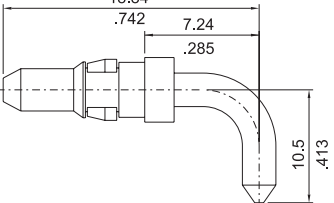
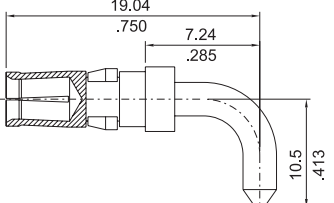


Current Rating	Crimp and Solder Terminations			
	DIM. φA min.	DIM. φA max.	DIM. B	DIM. H max.
20A	1.8(.071)	2.6(.102)	8.0(.315)~ 8.8(.346)	16.5(.650)
40A	2.9(.114)	4.5(.177)		

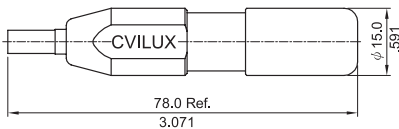
CD

D-SUB CONNECTORS

High Power Contact for Combination D-Sub

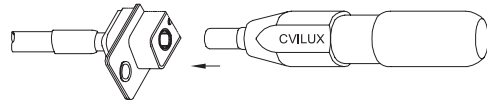
Contact Type	Shape	Part No.	Plating	Current Rating	
Straight DIP	 <p>Plug Contact</p>	CHPTPV22000	Gold flash plated over 50µin Nickel	20A	
		CHPTPV32000	15µin Gold plated over 50µin Nickel		
		CHPTPV42000	30µin Gold plated over 50µin Nickel		
		CHPTPV52000	50µin Gold plated over 50µin Nickel		
		CHPTPV24000	Gold flash plated over 50µin Nickel		
		CHPTPV34000	15µin Gold plated over 50µin Nickel		
		CHPTPV44000	30µin Gold plated over 50µin Nickel		
	CHPTPV54000	50µin Gold plated over 50µin Nickel	40A		
	 <p>Receptacle Contact</p>	CHPTSV22000		Gold flash plated over 50µin Nickel	20A
		CHPTSV32000		15µin Gold plated over 50µin Nickel	
		CHPTSV42000		30µin Gold plated over 50µin Nickel	
		CHPTSV52000		50µin Gold plated over 50µin Nickel	
		CHPTSV24000		Gold flash plated over 50µin Nickel	
		CHPTSV34000		15µin Gold plated over 50µin Nickel	
CHPTSV44000		30µin Gold plated over 50µin Nickel			
CHPTSV54000	50µin Gold plated over 50µin Nickel	40A			
Right Angle DIP	 <p>Plug Contact</p>		CHTPH22000	Gold flash plated over 50µin Nickel	20A
			CHTPH32000	15µin Gold plated over 50µin Nickel	
			CHTPH42000	30µin Gold plated over 50µin Nickel	
			CHTPH52000	50µin Gold plated over 50µin Nickel	
			CHTPH24000	Gold flash plated over 50µin Nickel	
			CHTPH34000	15µin Gold plated over 50µin Nickel	
		CHTPH44000	30µin Gold plated over 50µin Nickel		
	CHTPH54000	50µin Gold plated over 50µin Nickel	40A		
	 <p>Receptacle Contact</p>	CHPTSH22000		Gold flash plated over 50µin Nickel	20A
		CHPTSH32000		15µin Gold plated over 50µin Nickel	
		CHPTSH42000		30µin Gold plated over 50µin Nickel	
		CHPTSH52000		50µin Gold plated over 50µin Nickel	
		CHPTSH24000		Gold flash plated over 50µin Nickel	
		CHPTSH34000		15µin Gold plated over 50µin Nickel	
CHPTSH44000		30µin Gold plated over 50µin Nickel			
CHPTSH54000	50µin Gold plated over 50µin Nickel	40A			

P/N CD-RWT-0100

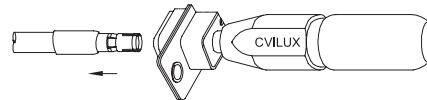


The COMBO D-SUB EXTRACTOR.
It is used in Coaxial or High power contact.
(available for male/female)

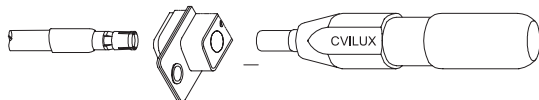
Step 1



Step 2



Step 3



CD

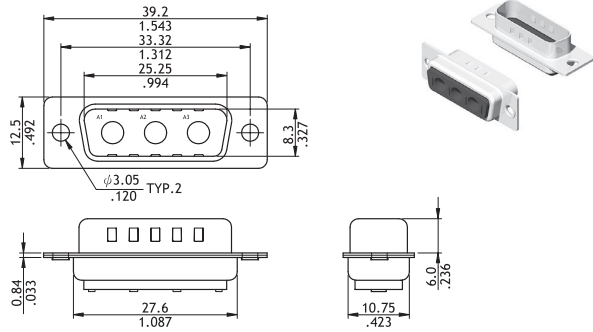
D-SUB CONNECTORS

Combination D-Sub Housing

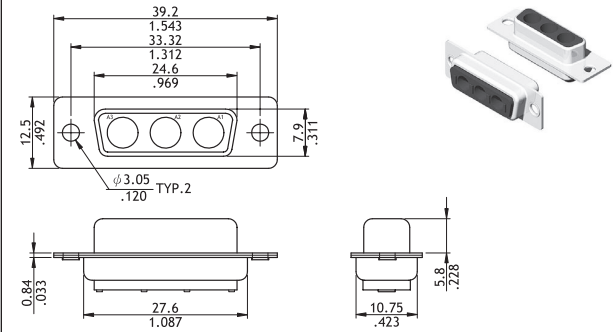
- ⊙ Pre-loaded stamped signal contact
- ⊙ Can be mated with coaxial or high power contact
- ⊙ High power contact available for crimp or solder type in 20A or 40A
- ⊙ Metal shell with ground indents
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant

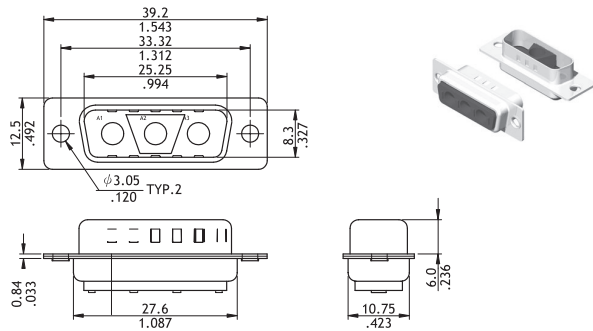
C3W3 (Plug Connector)



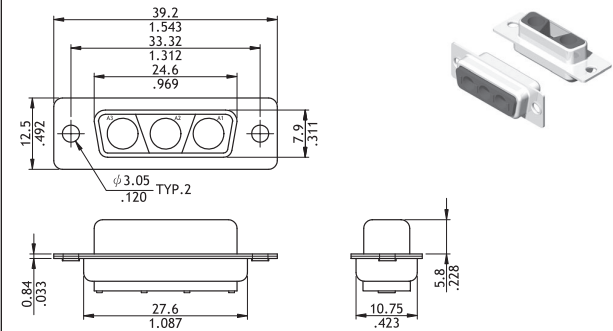
C3W3 (Receptacle Connector)



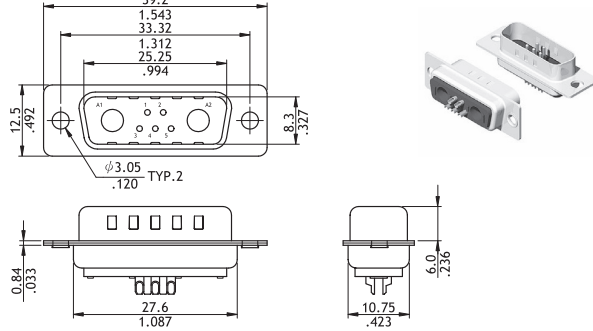
3W3C (Plug Connector)



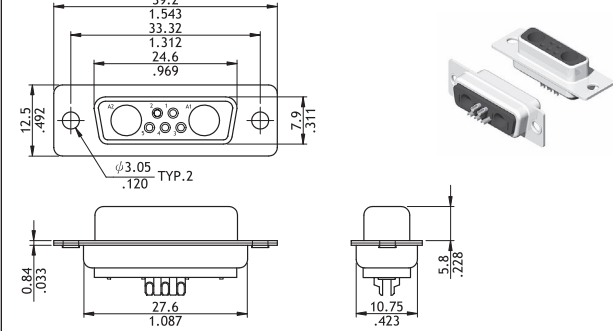
3W3C (Receptacle Connector)



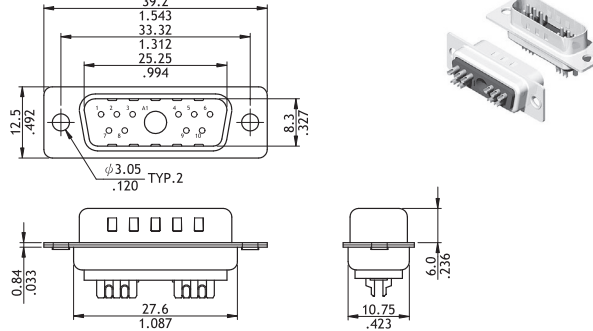
C7W2 (Plug Connector)



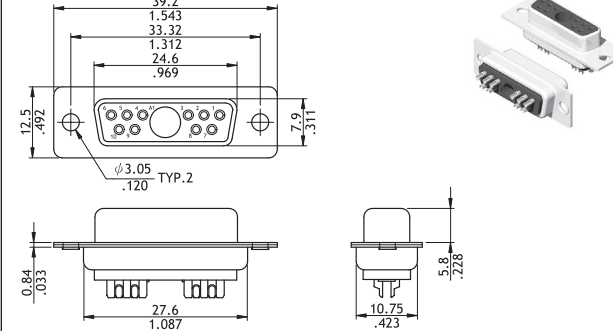
C7W2 (Receptacle Connector)



11W1 (Plug Connector)



11W1 (Receptacle Connector)

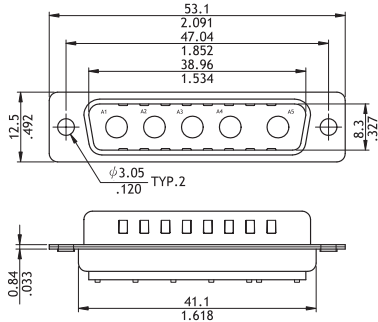


CD

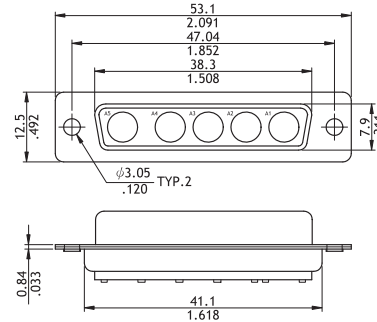
D-SUB CONNECTORS

Combination D-Sub Housing

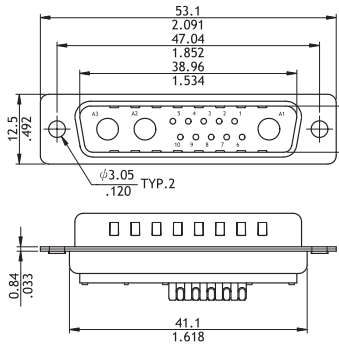
C5W5 (Plug Connector)



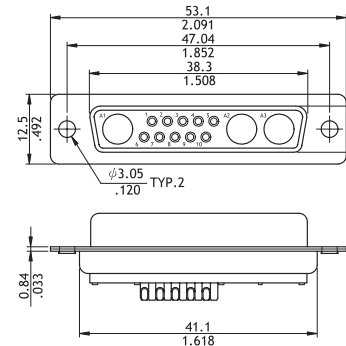
C5W5 (Receptacle Connector)



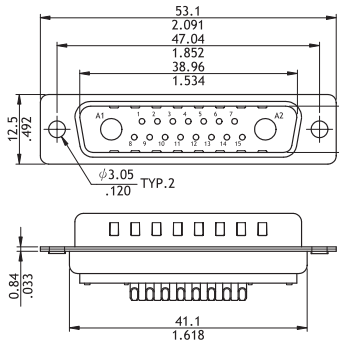
13W3 (Plug Connector)



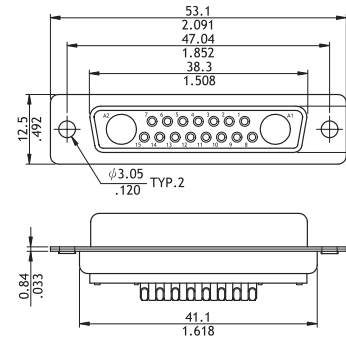
13W3 (Receptacle Connector)



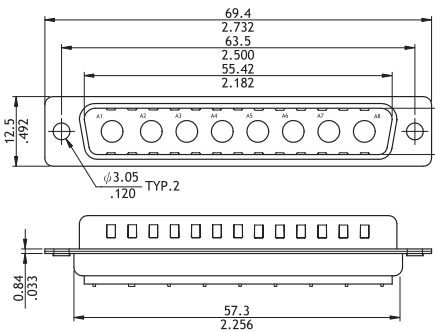
17W2 (Plug Connector)



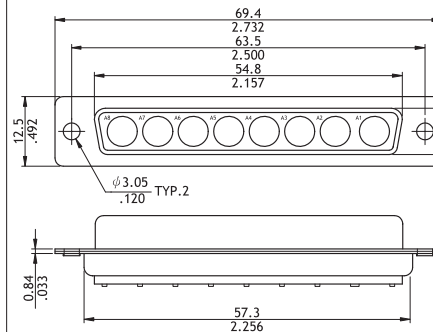
17W2 (Receptacle Connector)



C8W8 (Plug Connector)



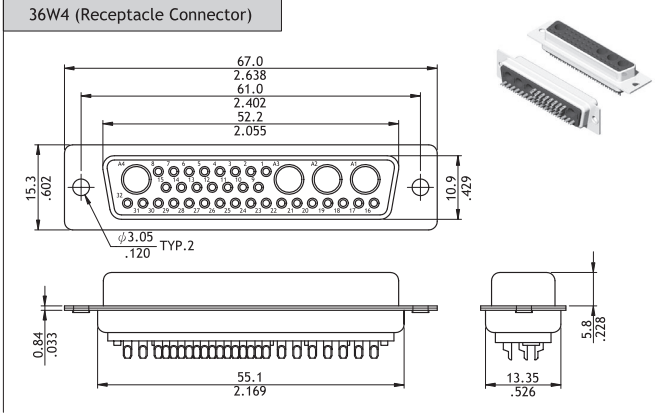
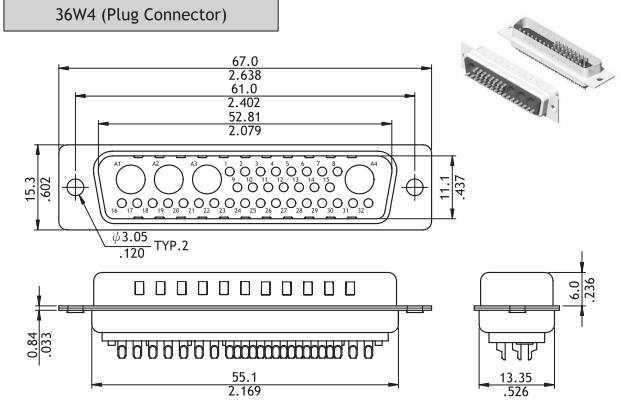
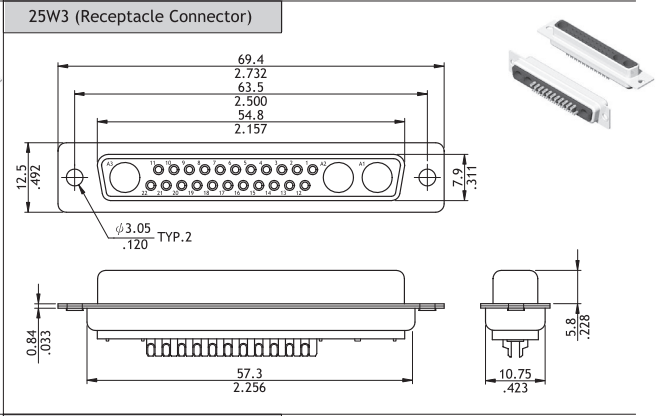
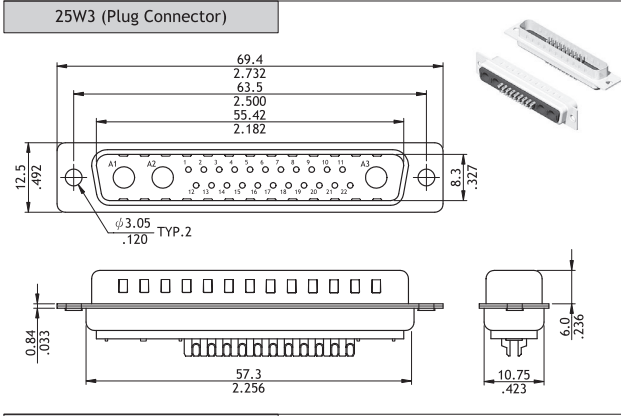
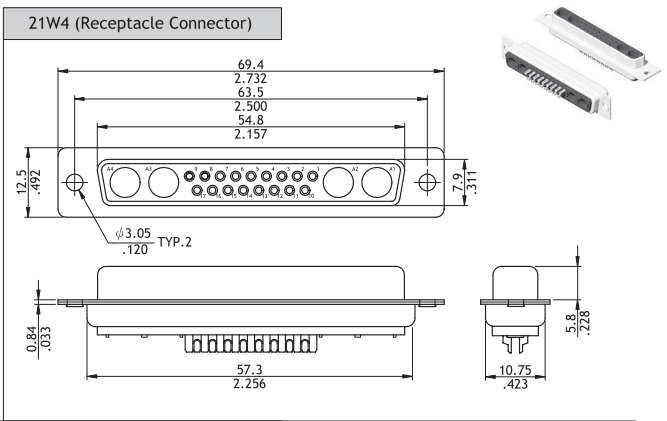
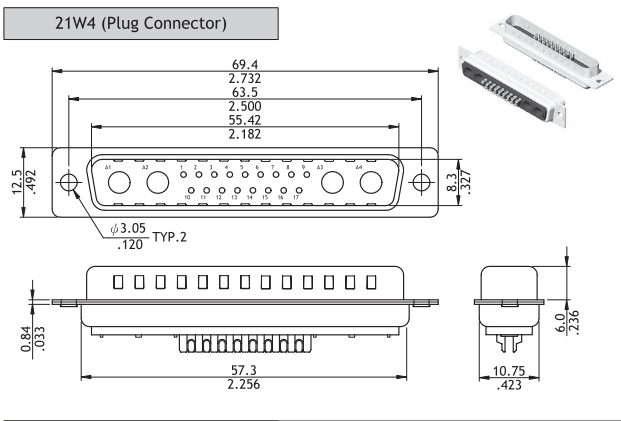
C8W8 (Receptacle Connector)



CD

D-SUB CONNECTORS

Combination D-Sub Housing



Ordering Code

①	②	③	④	⑤	⑥
13W3	P0	S0	A	100	000

① Series No.: C3W3, 3W3C, C7W2, 11W1, C5W5, 13W3, 17W3, C8W8, 21W4, 25W3, 36W4

② Connector Type: P0 = Plug
S0 = Receptacle

③ Contact Tail: S0= Solder Cup Type (C3W3, C5W5, 3W3C, C8W8 Series, Code= 00)

④ Signal Contact Plating:
A = Selective Gold flash over Nickel
0 = Without Signal Contact

⑤ Insulator Color: 100 = Black

⑥ Other Options:
000 = With $\phi 3.05$ mm holes on shell (Standard)
A00= Riveted #4-40 UNC Close nuts on Front shell
B00= Riveted #4-40 UNC Open nuts on Front shell
C00= Riveted #4-40 UNC Open nuts on Rear shell
*Special options consult manufacturer
Connectors and coaxial/high power contacts should be ordered respectively to confirm production process

CD

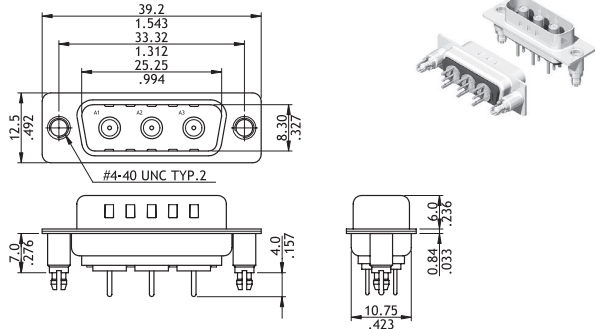
D-SUB CONNECTORS

Coaxial Straight DIP Combination D-Sub

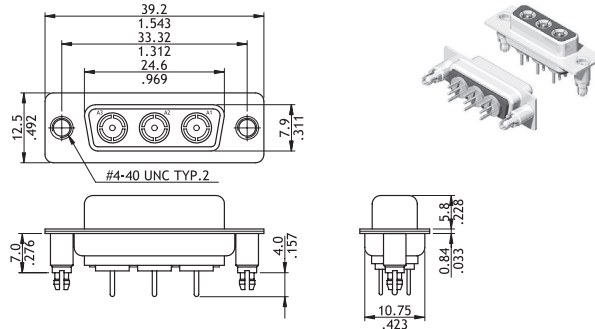
- Standard type with #4-40 UNC threaded ground stand-off
- Combined with stamped signal and machined coaxial contacts
- For top entry connection
- Metal shell with ground indents
- Riveted Hex nuts or hardware accessories options available

RoHS Compliant  

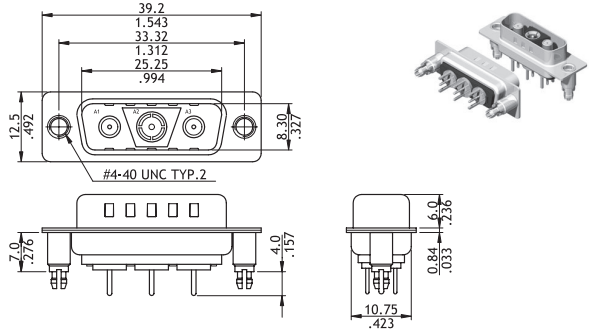
C3W3 (Plug Connector)



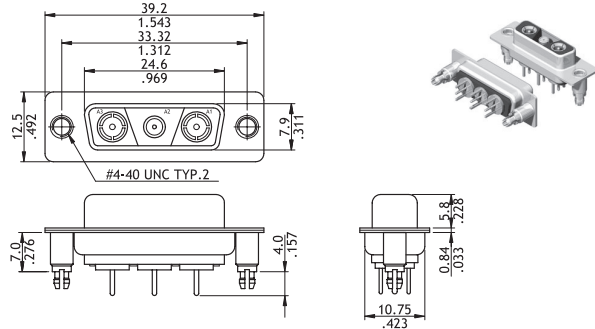
C3W3 (Receptacle Connector)



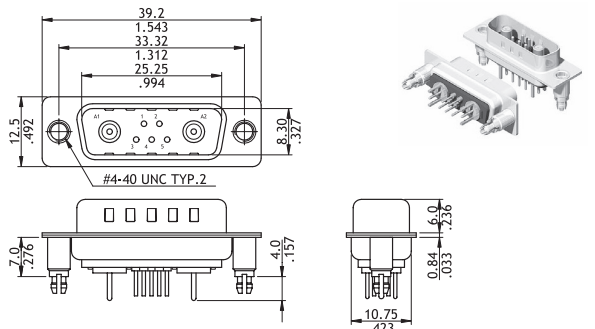
3W3C (Plug Connector)



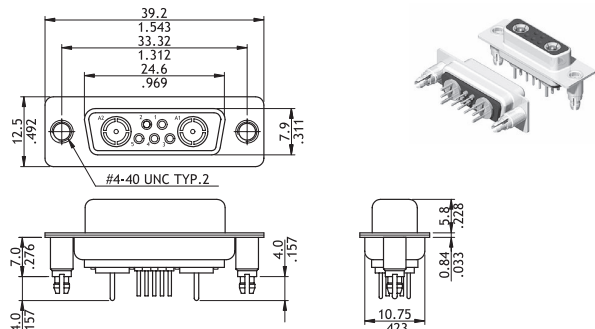
3W3C (Receptacle Connector)



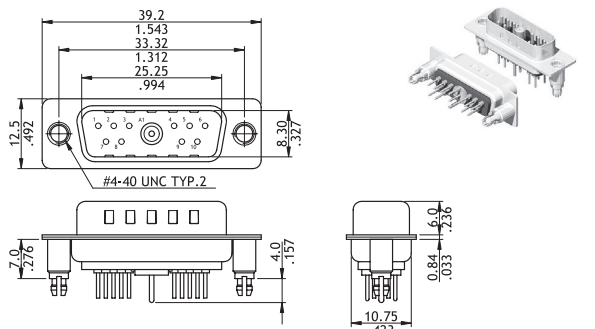
C7W2 (Plug Connector)



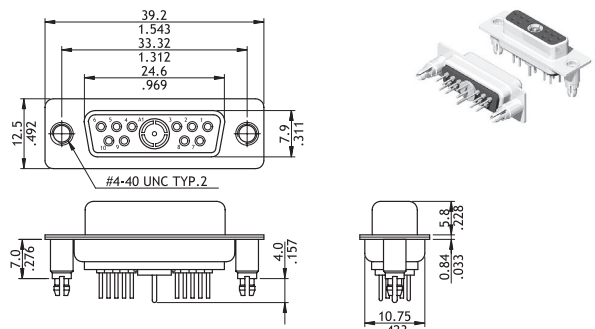
C7W2 (Receptacle Connector)



11W1 (Plug Connector)



11W1 (Receptacle Connector)

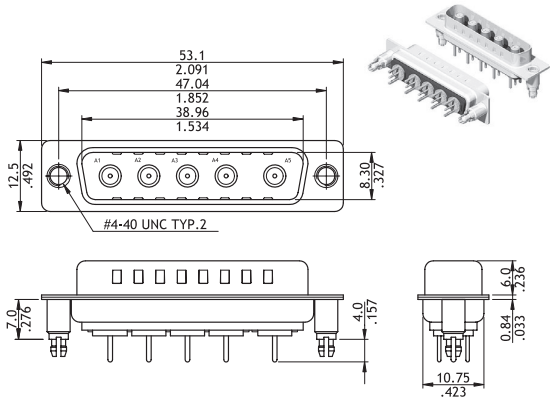


CD

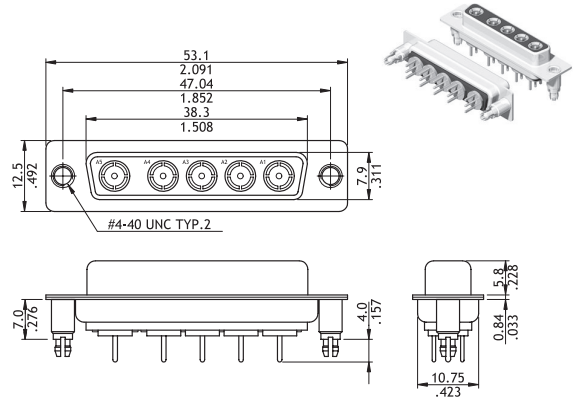
D-SUB CONNECTORS

Coaxial Straight DIP Combination D-Sub

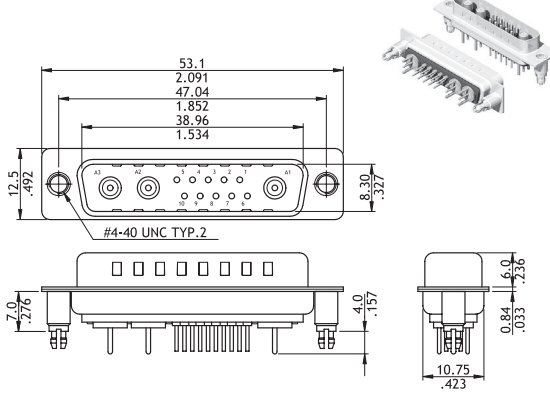
C5W5 (Plug Connector)



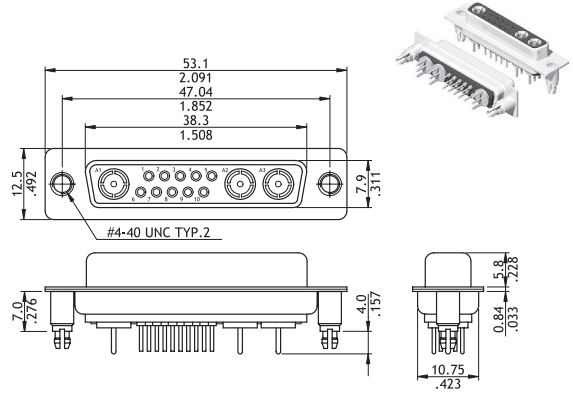
C5W5 (Receptacle Connector)



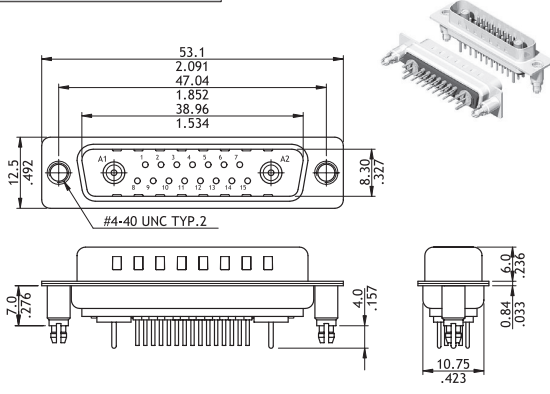
13W3 (Plug Connector)



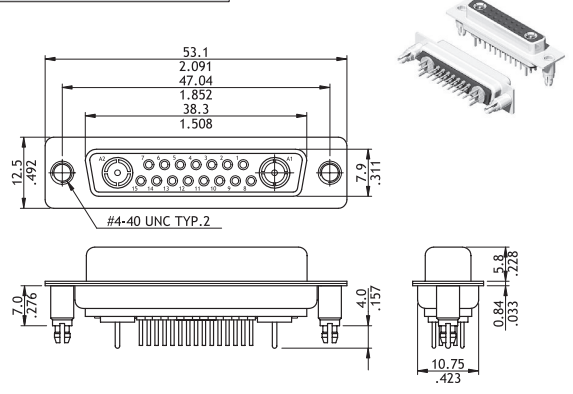
13W3 (Receptacle Connector)



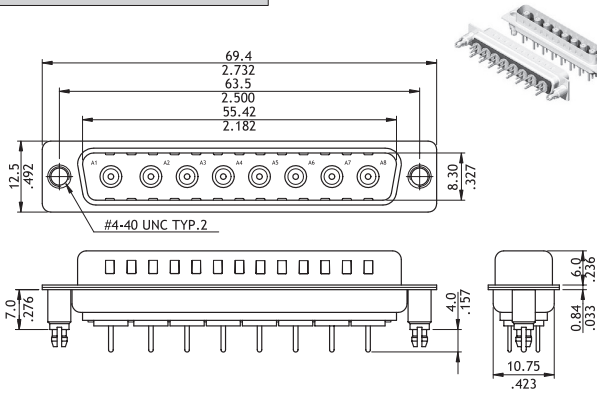
17W2 (Plug Connector)



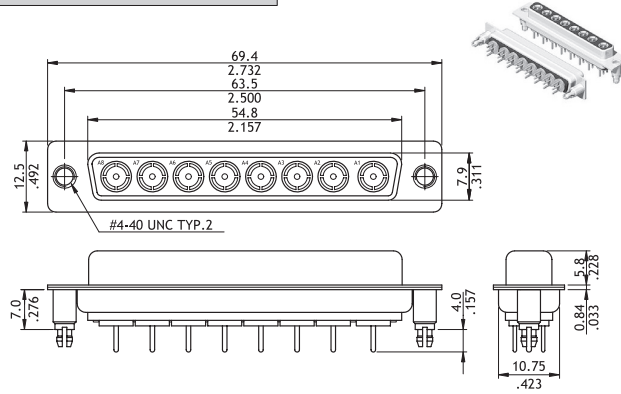
17W2 (Receptacle Connector)



C8W8 (Plug Connector)



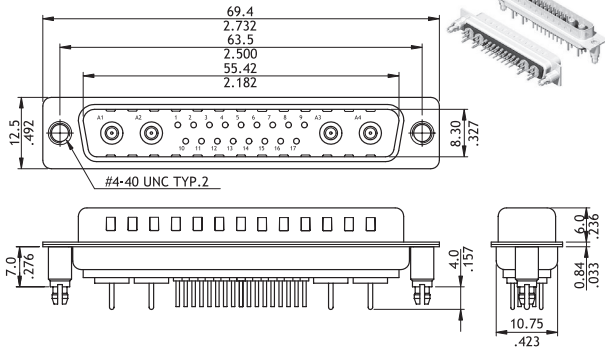
C8W8 (Receptacle Connector)



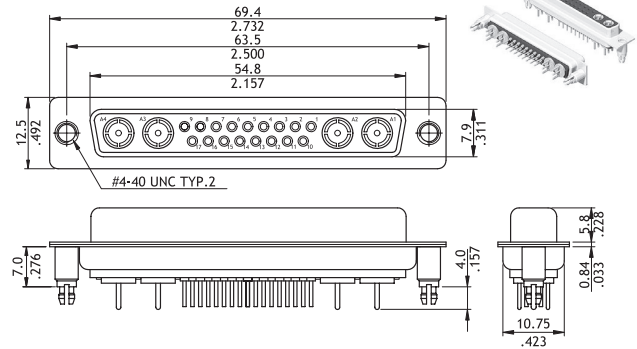
CD
D-SUB CONNECTORS

Coaxial Straight DIP Combination D-Sub

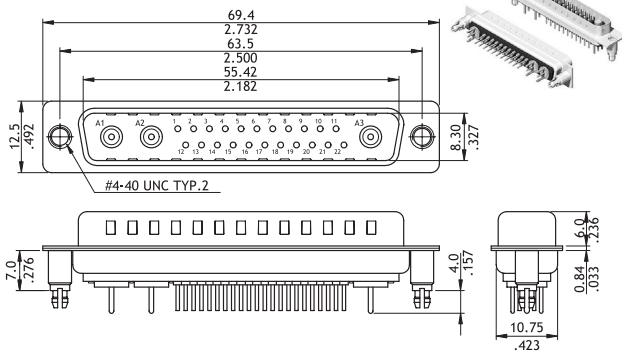
21W4 (Plug Connector)



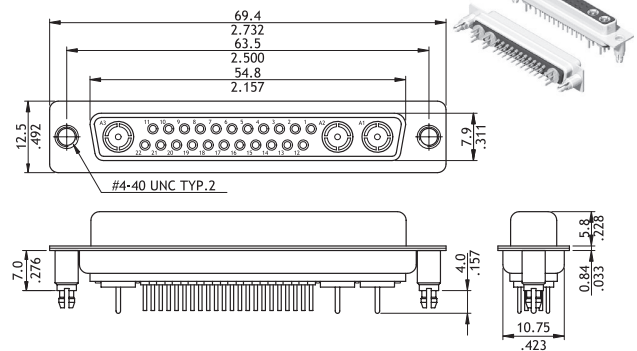
21W4 (Receptacle Connector)



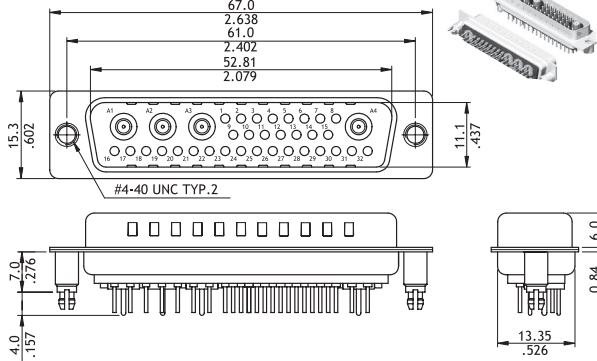
25W3 (Plug Connector)



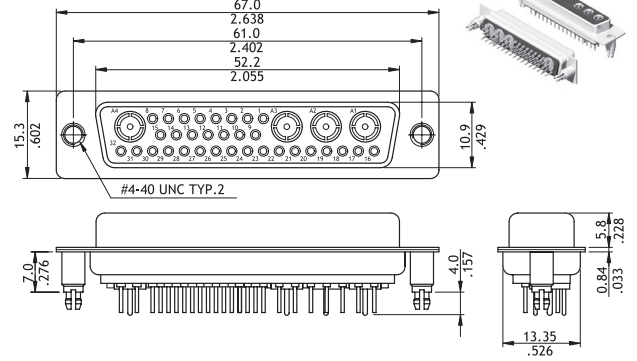
25W3 (Receptacle Connector)



36W4 (Plug Connector)



36W4 (Receptacle Connector)



Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧	⑨
13W3	S	C	V	2	2	1	75	D00

- ① Series No.: C3W3, 3W3C, C7W2, 11W1, C5W5, 13W3, 17W3, C8W8, 21W4, 25W3, 36W4
- ② Connector Type: P = Plug
S = Receptacle
- ③ Contact Type: C = Coaxial Contact
- ④ Contact Tail Style: V = Straight DIP Type
- ⑤ Coaxial Contact Plating: 2 = Gold flash over Nickel
- ⑥ Signal Contact Plating: 2 = Gold flash over Nickel
0 = Without Signal Contact

- ⑦ Insulator Color: 1 = Black
- ⑧ Performance: 50 = 50Ω, 75 = 75Ω
- ⑨ Mounting Style:
000 = With ϕ 3.05mm holes on shell (Standard)
A00 = Riveted #4-40 UNC Close nuts on Front shell
B00 = Riveted #4-40 UNC Open nuts on Front shell
C00 = Riveted #4-40 UNC Open nuts on Rear shell
D00 = Riveted #4-40 UNC Ground Stand-off
*Special options consult manufacturer

CD

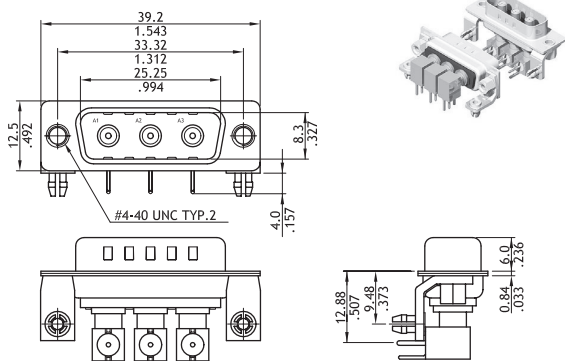
D-SUB CONNECTORS

Coaxial Right Angle DIP Combination D-Sub

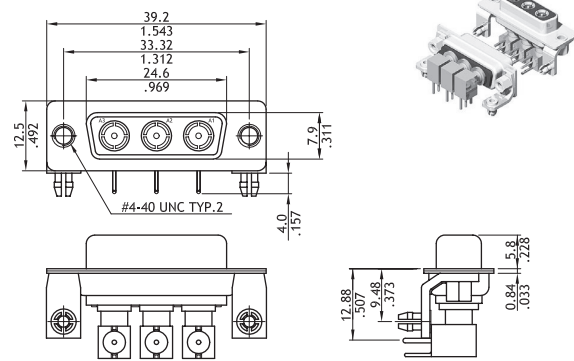
- ⊙ Standard type with #4-40 UNC threaded ground stand tabs and board locks to secure connector on board
- ⊙ Combined with stamped signal and machined coaxial contacts
- ⊙ For side entry connection
- ⊙ Metal shell with ground indents
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant

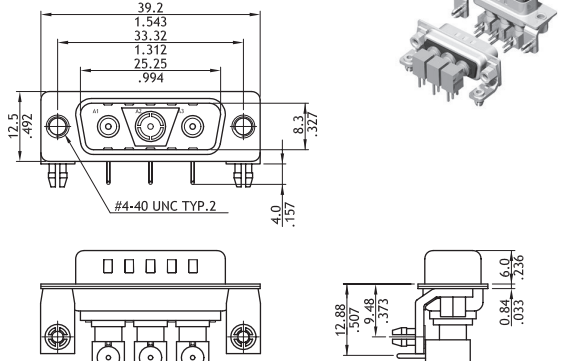
C3W3 (Plug Connector)



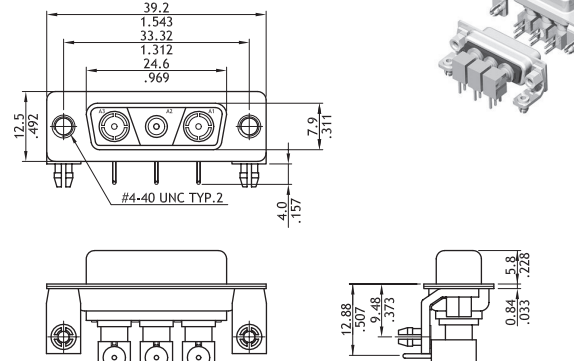
C3W3 (Receptacle Connector)



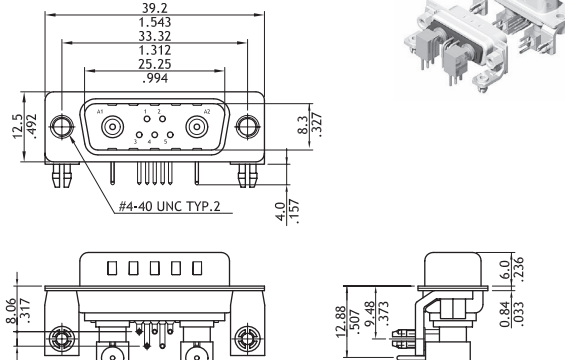
3W3C (Plug Connector)



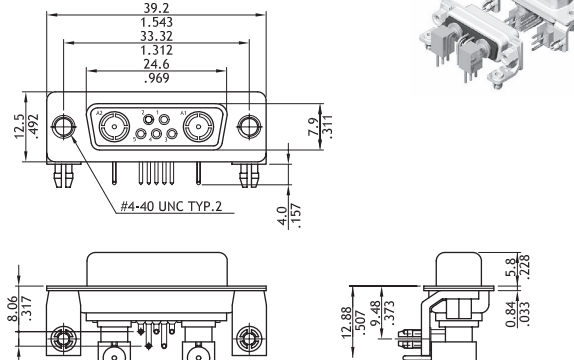
3W3C (Receptacle Connector)



C7W2 (Plug Connector)



C7W2 (Receptacle Connector)

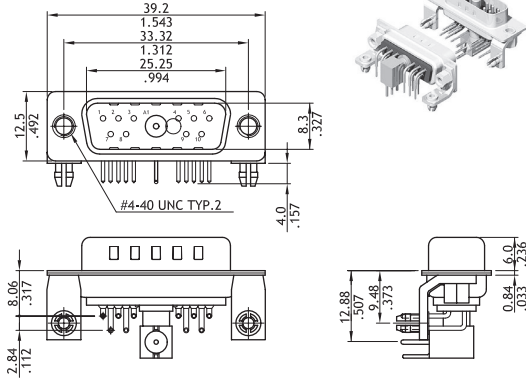


CD

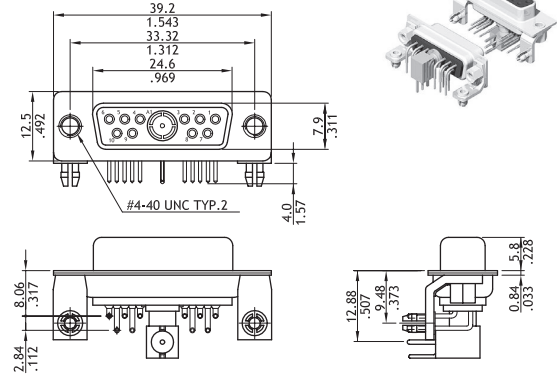
D-SUB CONNECTORS

Coaxial Right Angle DIP Combination D-Sub

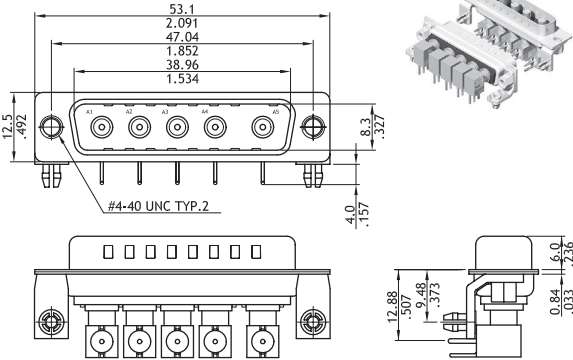
11W1 (Plug Connector)



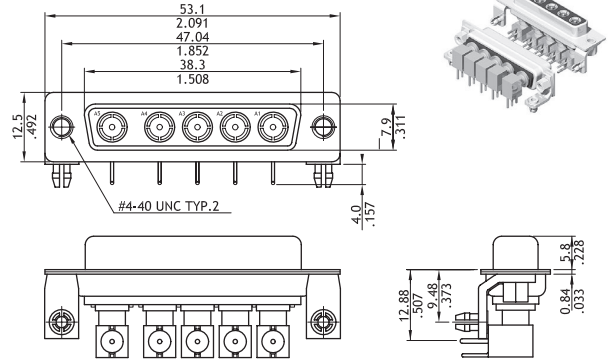
11W1 (Receptacle Connector)



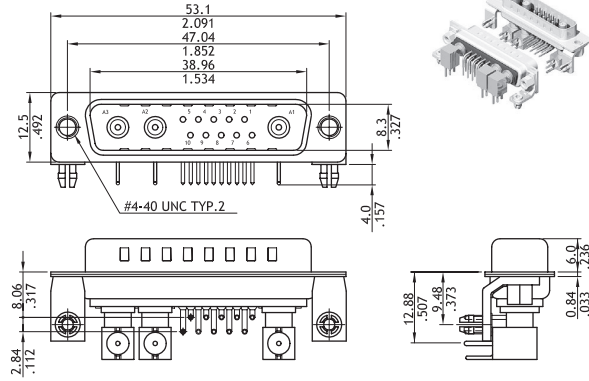
C5W5 (Plug Connector)



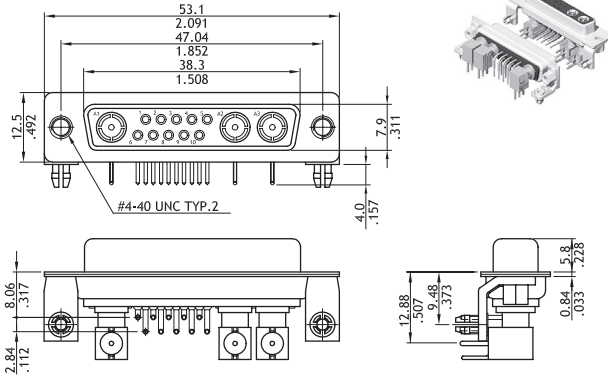
C5W5 (Receptacle Connector)



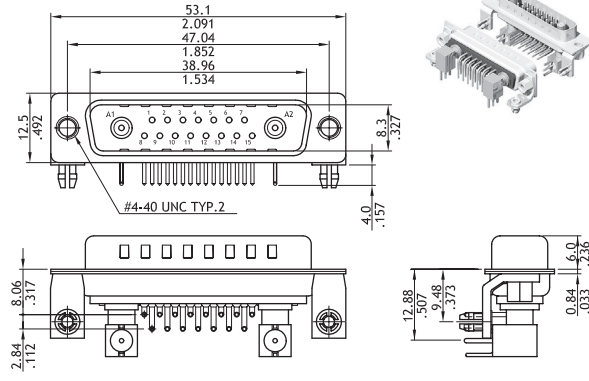
13W3 (Plug Connector)



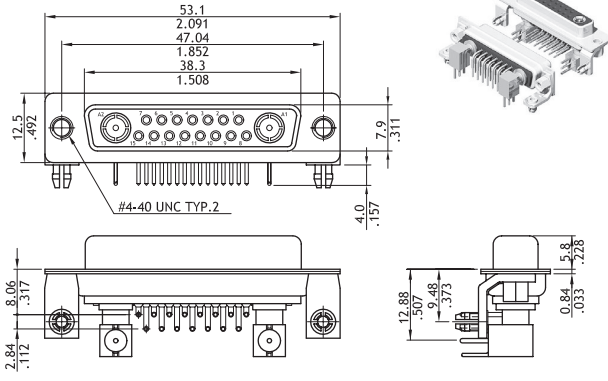
13W3 (Receptacle Connector)



17W2 (Plug Connector)



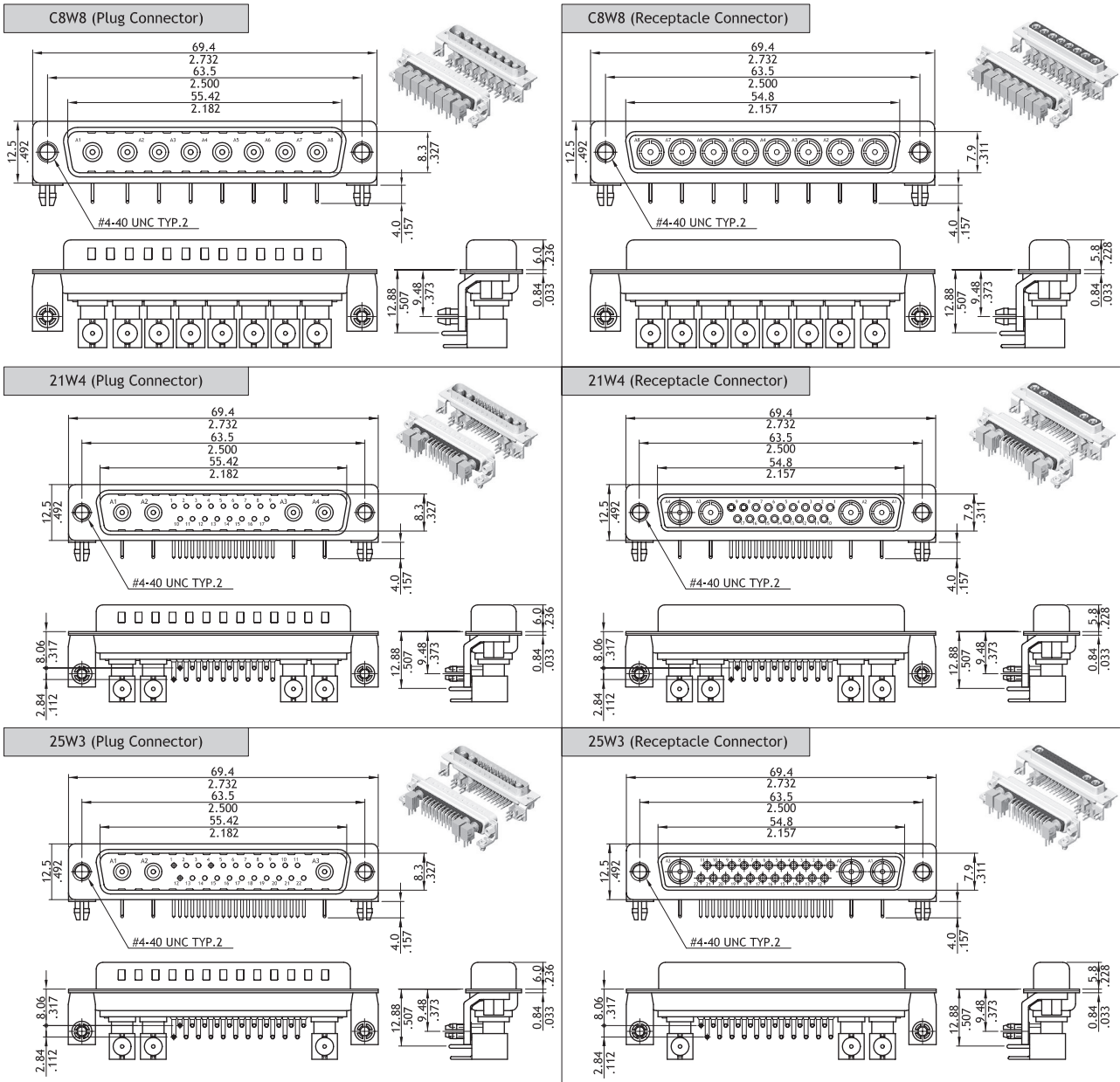
17W2 (Receptacle Connector)



CD

D-SUB CONNECTORS

Coaxial Right Angle DIP Combination D-Sub



Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧	⑨
13W3	S	C	H	2	2	1	75	I10

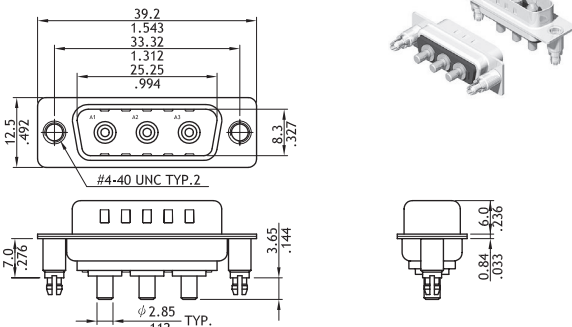
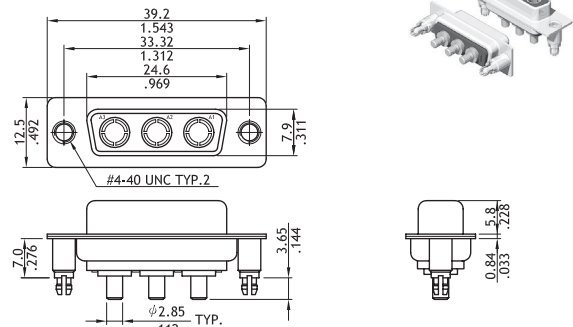
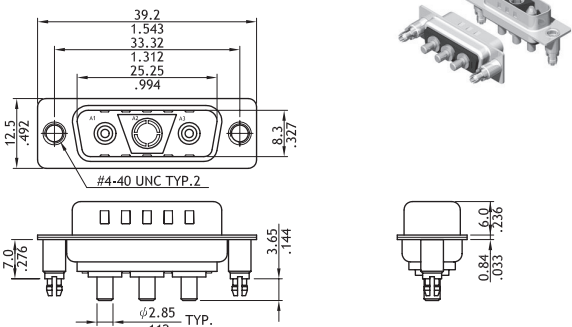
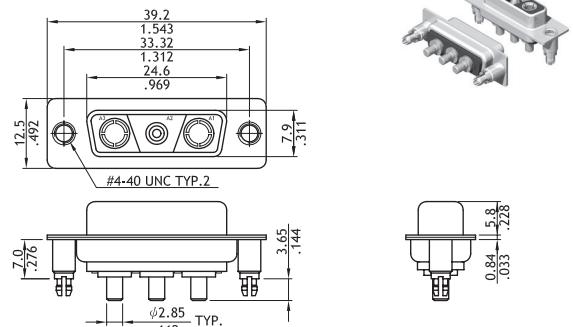
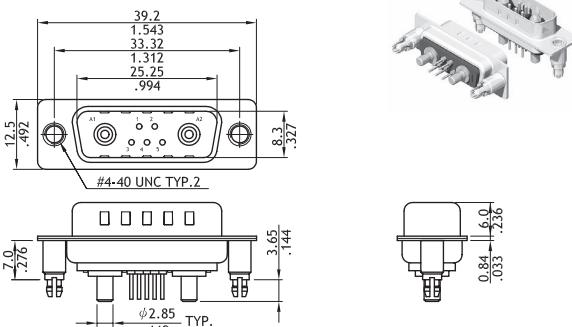
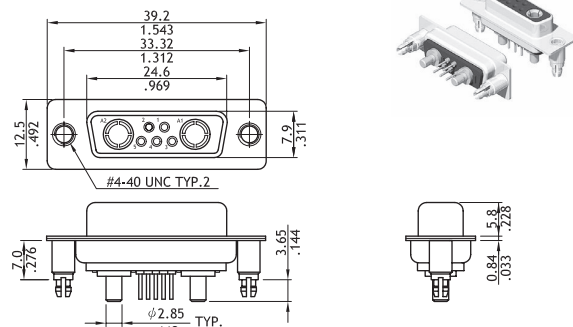
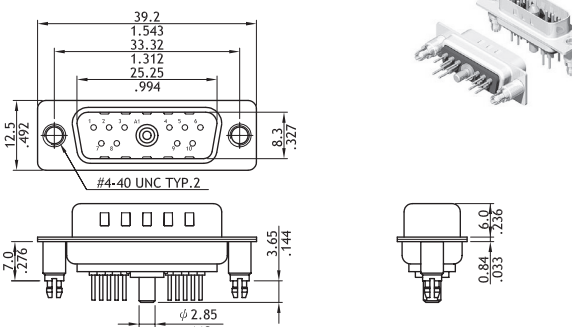
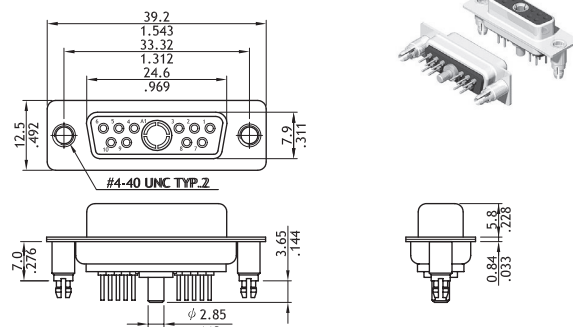
- ① Series No.: C3W3, 3W3C, C7W2, 11W1, C5W5, 13W3, 17W3, C8W8, 21W4, 25W3, 36W4
- ② Connector Type: P = Plug
S = Receptacle
- ③ Contact Type: C = Coaxial Contact
- ④ Contact Tail Style: H = Right Angle DIP Type
- ⑤ Coaxial Contact Plating: 2 = Gold flash over Nickel
- ⑥ Signal Contact Plating: 2 = Gold flash over Nickel
0 = Without Signal Contact

- ⑦ Insulator Color: 1 = Black
 - ⑧ Performance: 50 = 50Ω, 75 = 75Ω
 - ⑨ Mounting Style:
000 = With ϕ 3.05mm holes on shell
B00 = Riveted #4-40 UNC Close nuts on Front shell
C00 = Riveted #4-40 UNC Open nuts on Rear shell
I00 = Riveted #4-40 UNC Ground tabs with ϕ 3.2mm holes
I10 = Riveted #4-40 UNC Ground tabs with board locks (Standard)
- *Special options consult manufacturer

20A High Power Straight DIP Solder Combination D-Sub

- ⊙ Standard type with #4-40 UNC threaded ground stand-off
- ⊙ Combined with stamped signal and machined 20A high power contacts
- ⊙ For top entry connection
- ⊙ Metal shell with ground indents
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant 

<p>C3W3 (Plug Connector)</p> 	<p>C3W3 (Receptacle Connector)</p> 
<p>3W3C (Plug Connector)</p> 	<p>3W3C (Receptacle Connector)</p> 
<p>C7W2 (Plug Connector)</p> 	<p>C7W2 (Receptacle Connector)</p> 
<p>11W1 (Plug Connector)</p> 	<p>11W1 (Receptacle Connector)</p> 

CD

D-SUB CONNECTORS

20A High Power Straight DIP Solder Combination D-Sub

C5W5 (Plug Connector)

Dimensions: 53.1, 2.091, 47.04, 1.852, 38.96, 1.534, 12.5, .492, 8.3, .327, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 6.0, .236

C5W5 (Receptacle Connector)

Dimensions: 53.1, 2.091, 47.04, 1.852, 38.3, 1.508, 12.5, .492, 7.9, .311, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 5.8, .228

13W3 (Plug Connector)

Dimensions: 53.1, 2.091, 47.04, 1.852, 38.96, 1.534, 12.5, .492, 8.3, .327, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 6.0, .236

13W3 (Receptacle Connector)

Dimensions: 53.1, 2.091, 47.04, 1.852, 38.3, 1.508, 12.5, .492, 7.9, .311, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 5.8, .228

17W2 (Plug Connector)

Dimensions: 53.1, 2.091, 47.04, 1.852, 38.96, 1.534, 12.5, .492, 8.3, .327, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 6.0, .236

17W2 (Receptacle Connector)

Dimensions: 53.1, 2.091, 47.04, 1.852, 38.3, 1.508, 12.5, .492, 7.9, .311, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 5.8, .228

C8W8 (Plug Connector)

Dimensions: 69.4, 2.732, 63.5, 2.500, 55.42, 2.182, 12.5, .492, 8.3, .327, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 6.0, .236

C8W8 (Receptacle Connector)

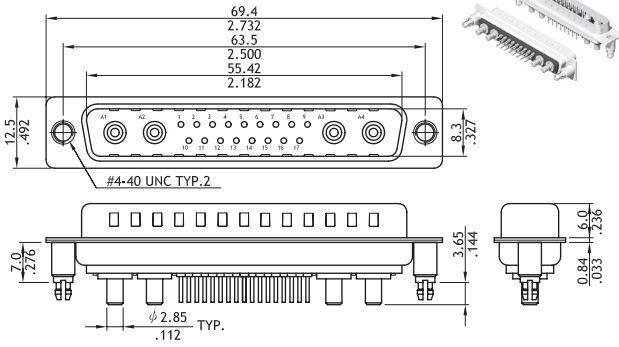
Dimensions: 69.4, 2.732, 63.5, 2.500, 54.8, 2.157, 12.5, .492, 7.9, .311, 7.0, .276, 3.65, .144, $\phi 2.85$ TYP., .112, #4-40 UNC TYP.2, 0.84, .033, 5.8, .228

CD

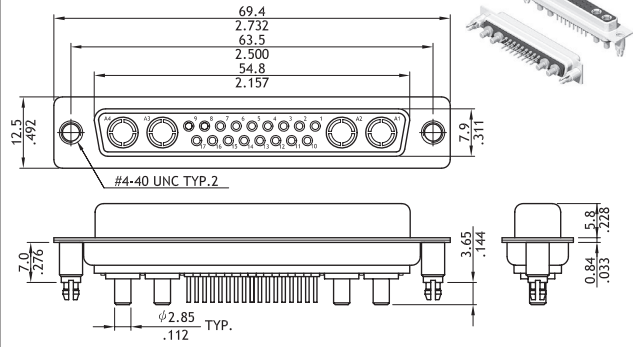
D-SUB CONNECTORS

20A High Power Straight DIP Solder Combination D-Sub

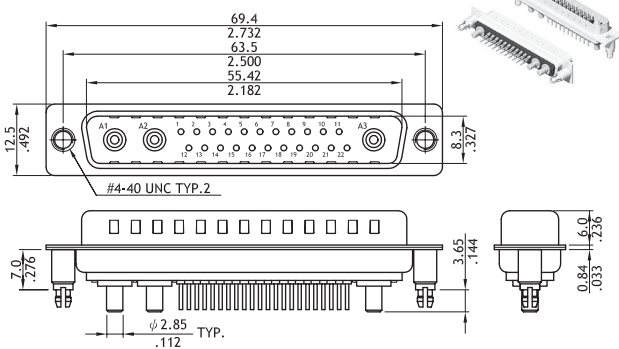
21W4 (Plug Connector)



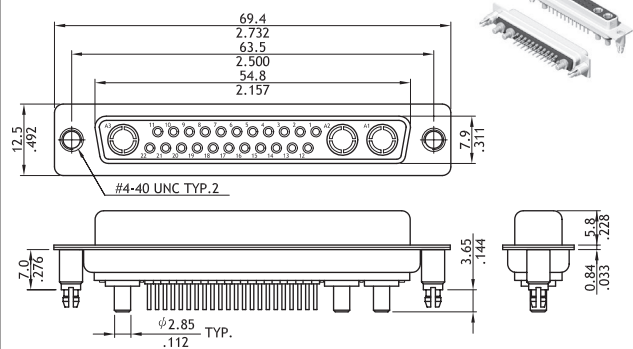
21W4 (Receptacle Connector)



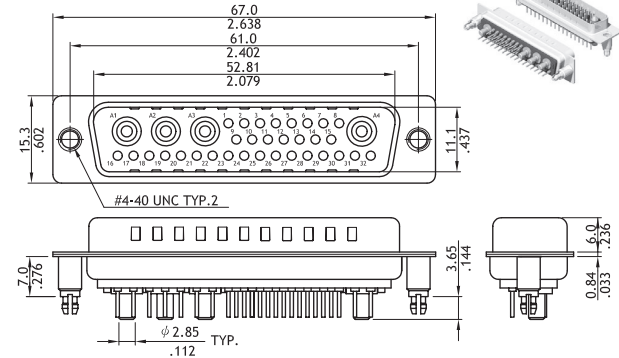
25W3 (Plug Connector)



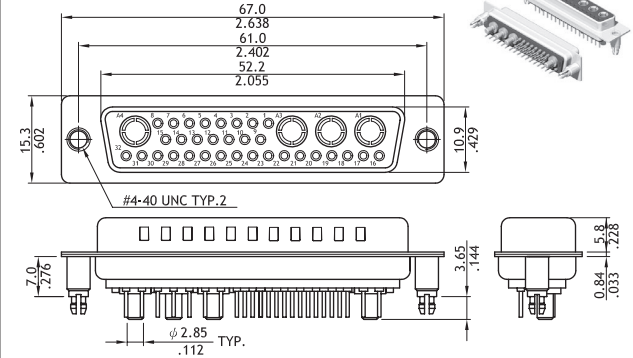
25W3 (Receptacle Connector)



36W4 (Plug Connector)



36W4 (Receptacle Connector)



Ordering Code

① 13W3 ② S ③ P ④ V ⑤ 2 ⑥ 2 ⑦ 1 ⑧ 20 ⑨ D00

- ① Series No.: C3W3, 3W3C, C7W2, 11W1, C5W5, 13W3, 17W3, C8W8, 21W4, 25W3, 36W4
- ② Connector Type: P = Plug
S = Receptacle
- ③ Contact Type: P = High power Contact
- ④ Contact Tail Style: V = Straight DIP Type
- ⑤ Coaxial Contact Plating: 2 = Gold flash over Nickel
- ⑥ Signal Contact Plating: 2 = Gold flash over Nickel
0 = Without Signal Contact

- ⑦ Insulator Color: 1 = Black
- ⑧ Performance: 20 = 20A
- ⑨ Mounting Style:
000 = With φ 3.05mm holes on shell
A00 = Riveted #4-40 UNC Close nuts on Front shell
B00 = Riveted #4-40 UNC Open nuts on Front shell
C00 = Riveted #4-40 UNC Open nuts on Rear shell
D00 = Riveted #4-40 UNC Ground Stand-off (Standard)
*Special options consult manufacturer

40A High Power Straight DIP Solder Combination D-Sub

- Standard type with #4-40 UNC threaded ground stand-off
- Combined with stamped signal and machined 40A high power contacts
- For top entry connection
- Metal shell with ground indents
- Riveted Hex nuts or hardware accessories options available

RoHS Compliant

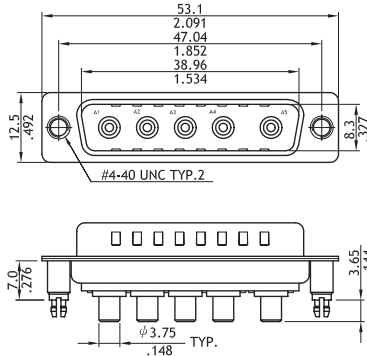
<p>C3W3 (Plug Connector)</p>	<p>C3W3 (Receptacle Connector)</p>
<p>3W3C (Plug Connector)</p>	<p>3W3C (Receptacle Connector)</p>
<p>C7W2 (Plug Connector)</p>	<p>C7W2 (Receptacle Connector)</p>
<p>11W1 (Plug Connector)</p>	<p>11W1 (Receptacle Connector)</p>

CD

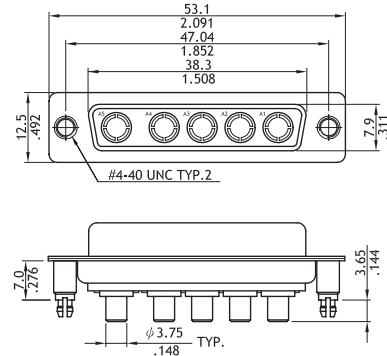
D-SUB CONNECTORS

40A High Power Straight DIP Solder Combination D-Sub

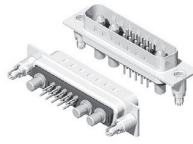
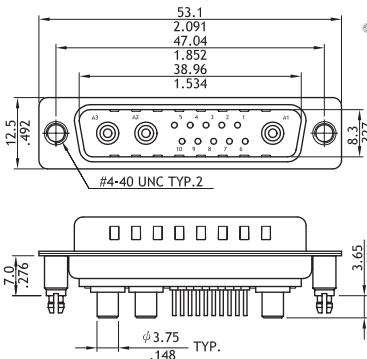
C5W5 (Plug Connector)



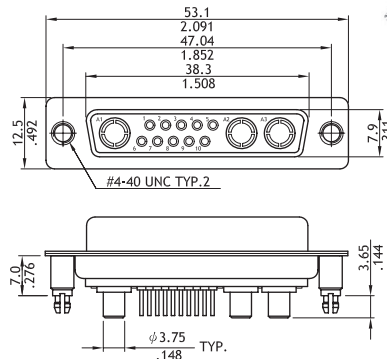
C5W5 (Receptacle Connector)



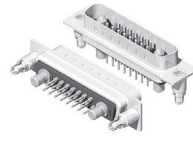
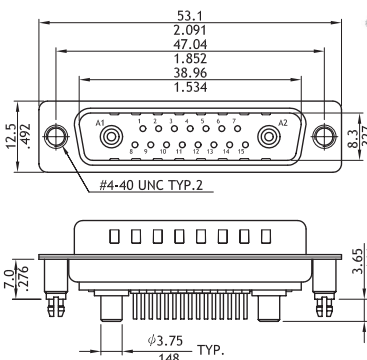
13W3 (Plug Connector)



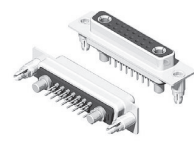
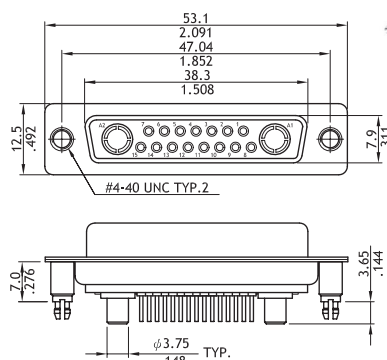
13W3 (Receptacle Connector)



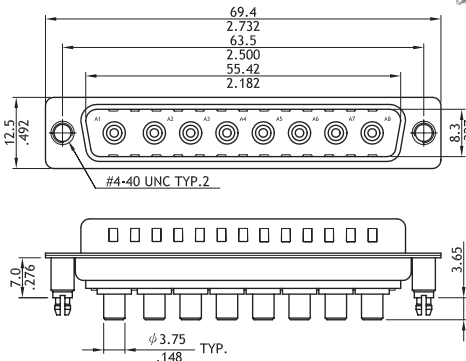
17W2 (Plug Connector)



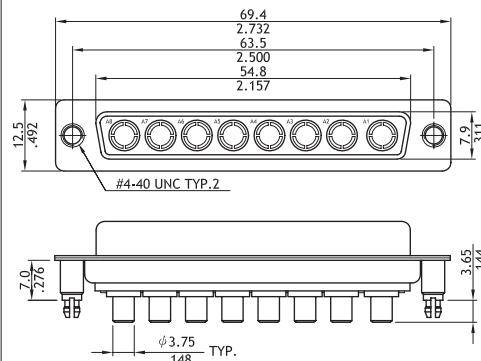
17W2 (Receptacle Connector)



C8W8 (Plug Connector)



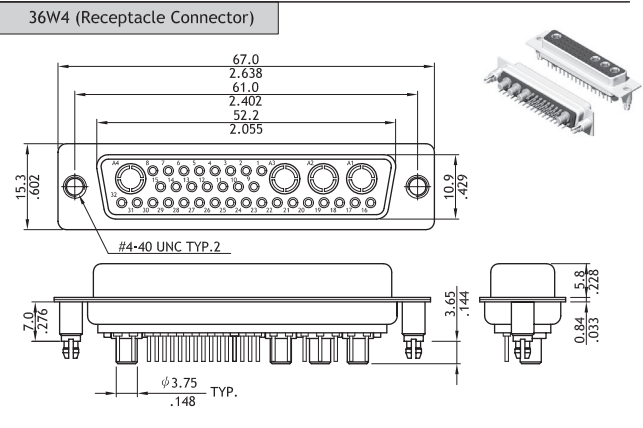
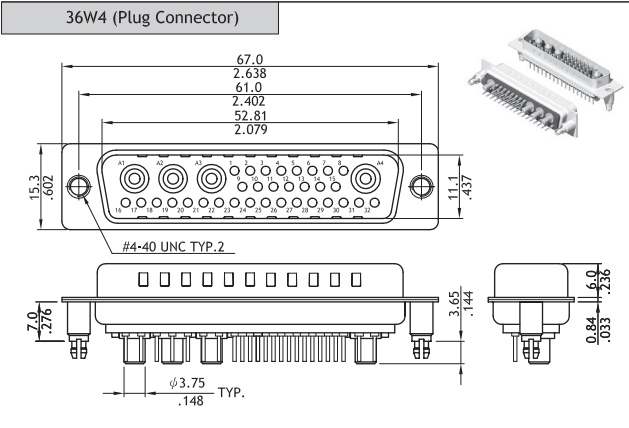
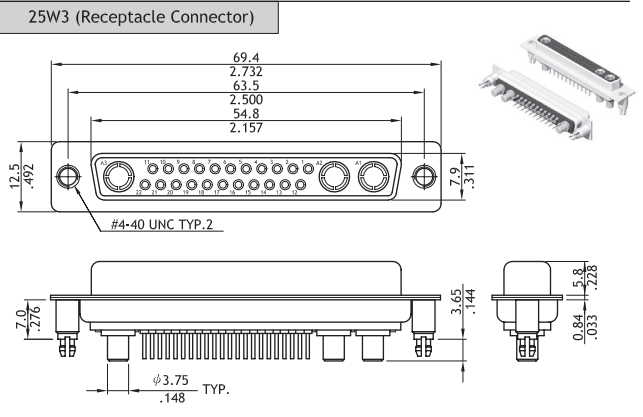
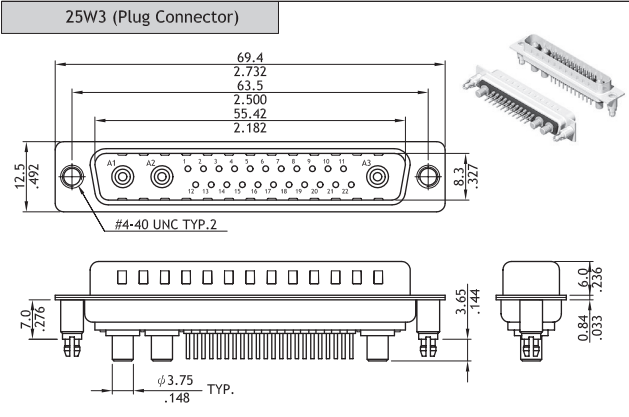
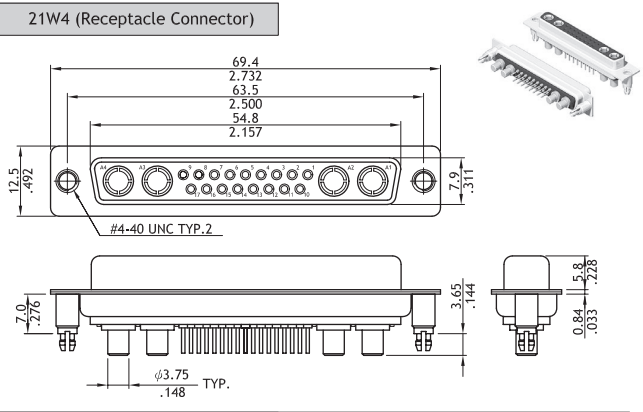
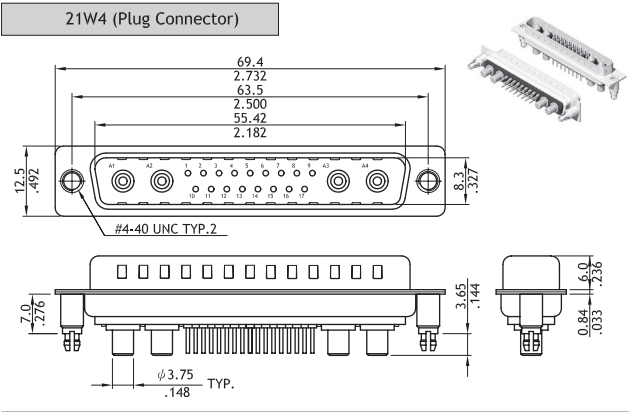
C8W8 (Receptacle Connector)



CD

D-SUB CONNECTORS

40A High Power Straight DIP Solder Combination D-Sub



Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧	⑨
13W3	S	P	V	2	2	1	40	D00

① Series No.: C3W3, 3W3C, C7W2, 11W1, C5W5, 13W3, 17W3, C8W8, 21W4, 25W3, 36W4
 ② Connector Type: P = Plug, S = Receptacle
 ③ Contact Type: P = High power Contact
 ④ Contact Tail Style: V = Straight DIP Type
 ⑤ Coaxial Contact Plating: 2 = Gold flash over Nickel
 ⑥ Signal Contact Plating: 2 = Gold flash over Nickel, 0 = Without Signal Contact
 ⑦ Insulator Color: 1 = Black
 ⑧ Performance: 40 = 40A
 ⑨ Mounting Style:
 000 = With φ 3.05mm holes on shell
 A00 = Riveted #4-40 UNC Close nuts on Front shell
 B00 = Riveted #4-40 UNC Open nuts on Front shell
 C00 = Riveted #4-40 UNC Open nuts on Rear shell
 D00 = Riveted #4-40 UNC Ground Stand-off (Standard)
 *Special options consult manufacturer

CD

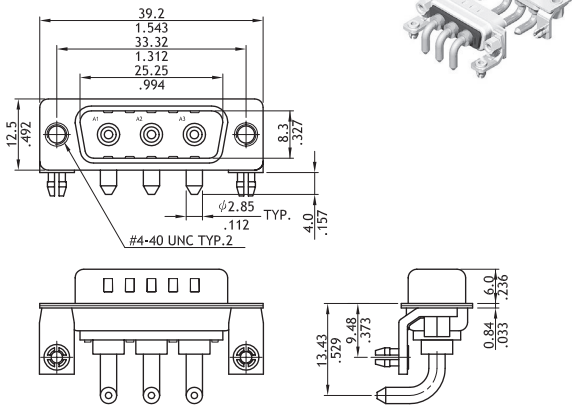
D-SUB CONNECTORS

20A High Power Right Angle DIP Combination D-Sub

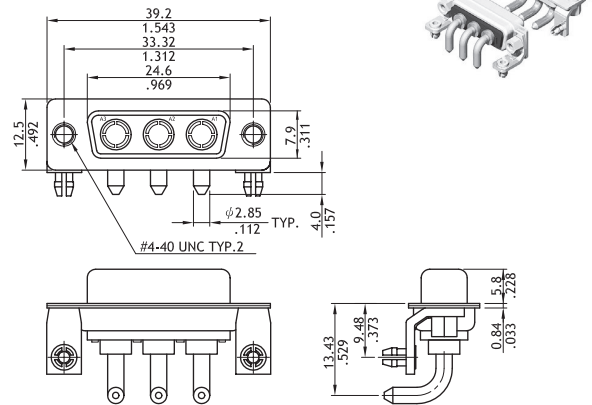
- ⊙ Standard type with #4-40 UNC threaded ground tabs and board locks to secure connector on board
- ⊙ Combined with stamped signal and machined 20A high power contacts
- ⊙ For side entry connection
- ⊙ Metal shell with ground indents
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant  

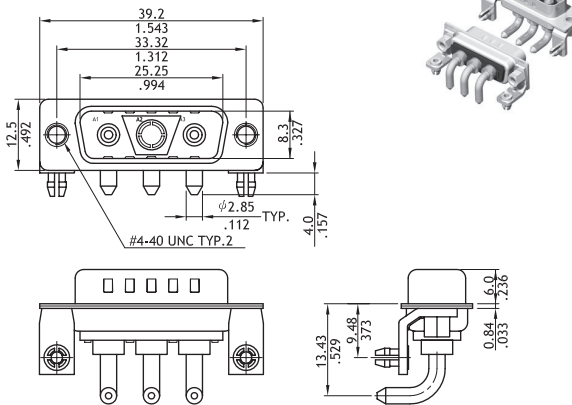
C3W3 (Plug Connector)



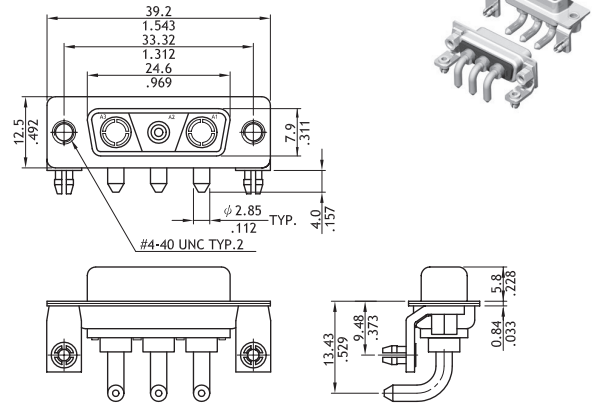
C3W3 (Receptacle Connector)



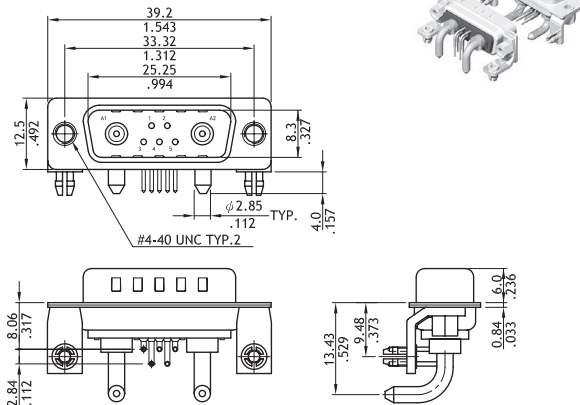
3W3C (Plug Connector)



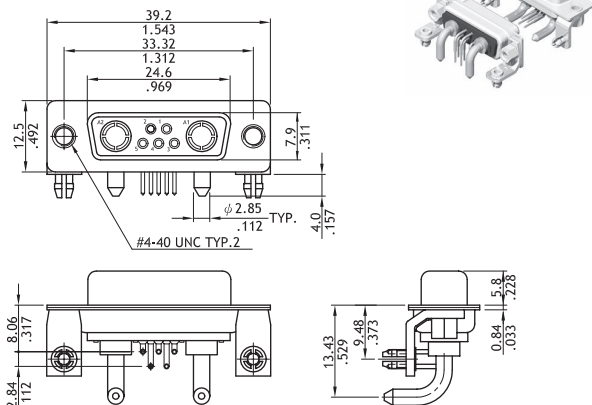
3W3C (Receptacle Connector)



C7W2 (Plug Connector)



C7W2 (Receptacle Connector)

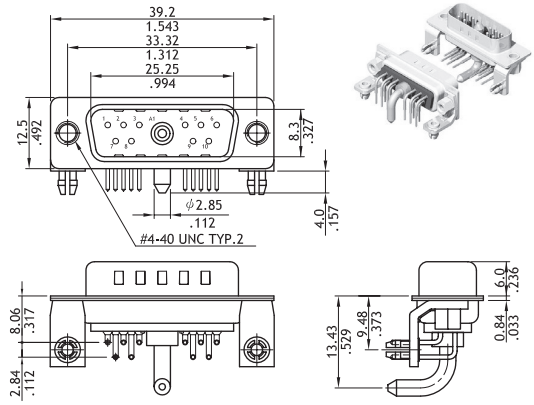


CD

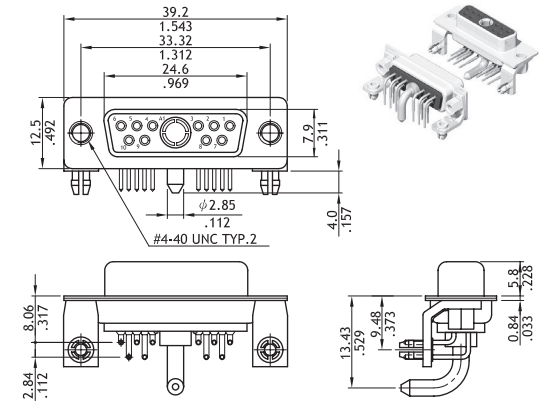
D-SUB CONNECTORS

20A High Power Right Angle DIP Combination D-Sub

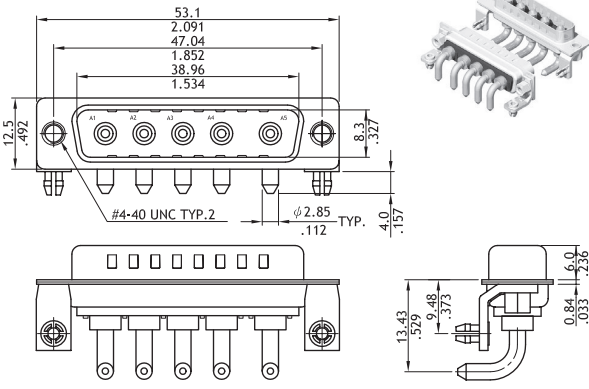
11W1 (Plug Connector)



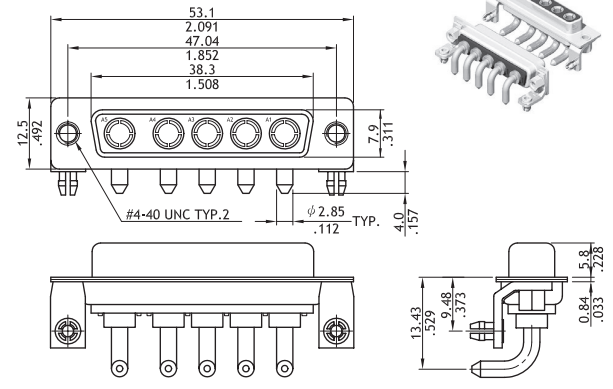
11W1 (Receptacle Connector)



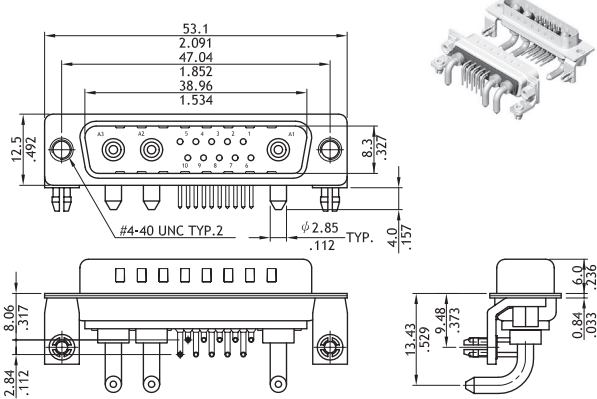
C5W5 (Plug Connector)



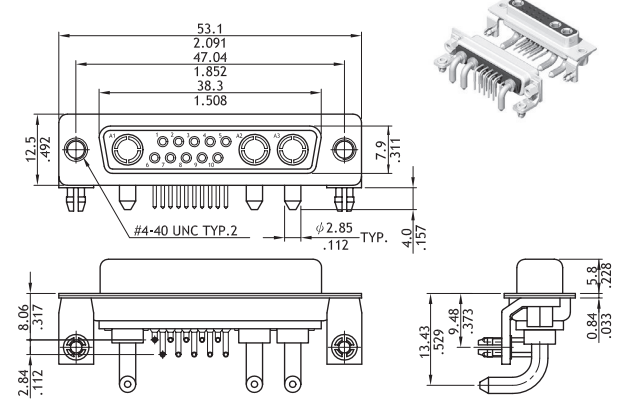
C5W5 (Receptacle Connector)



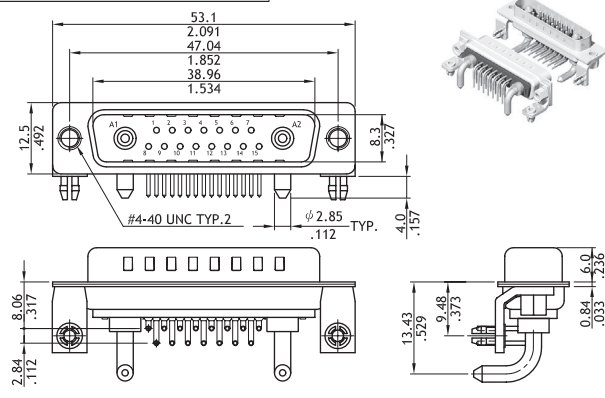
13W3 (Plug Connector)



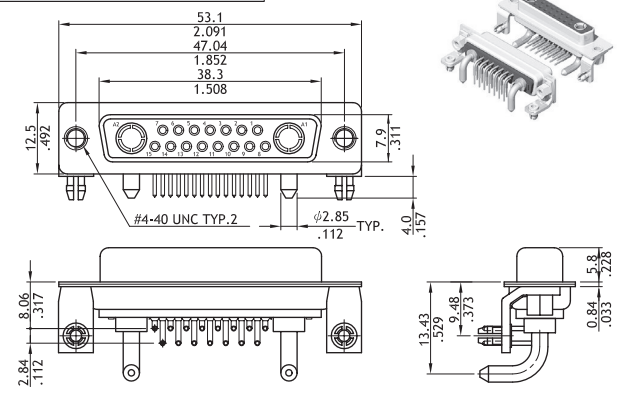
13W3 (Receptacle Connector)



17W2 (Plug Connector)



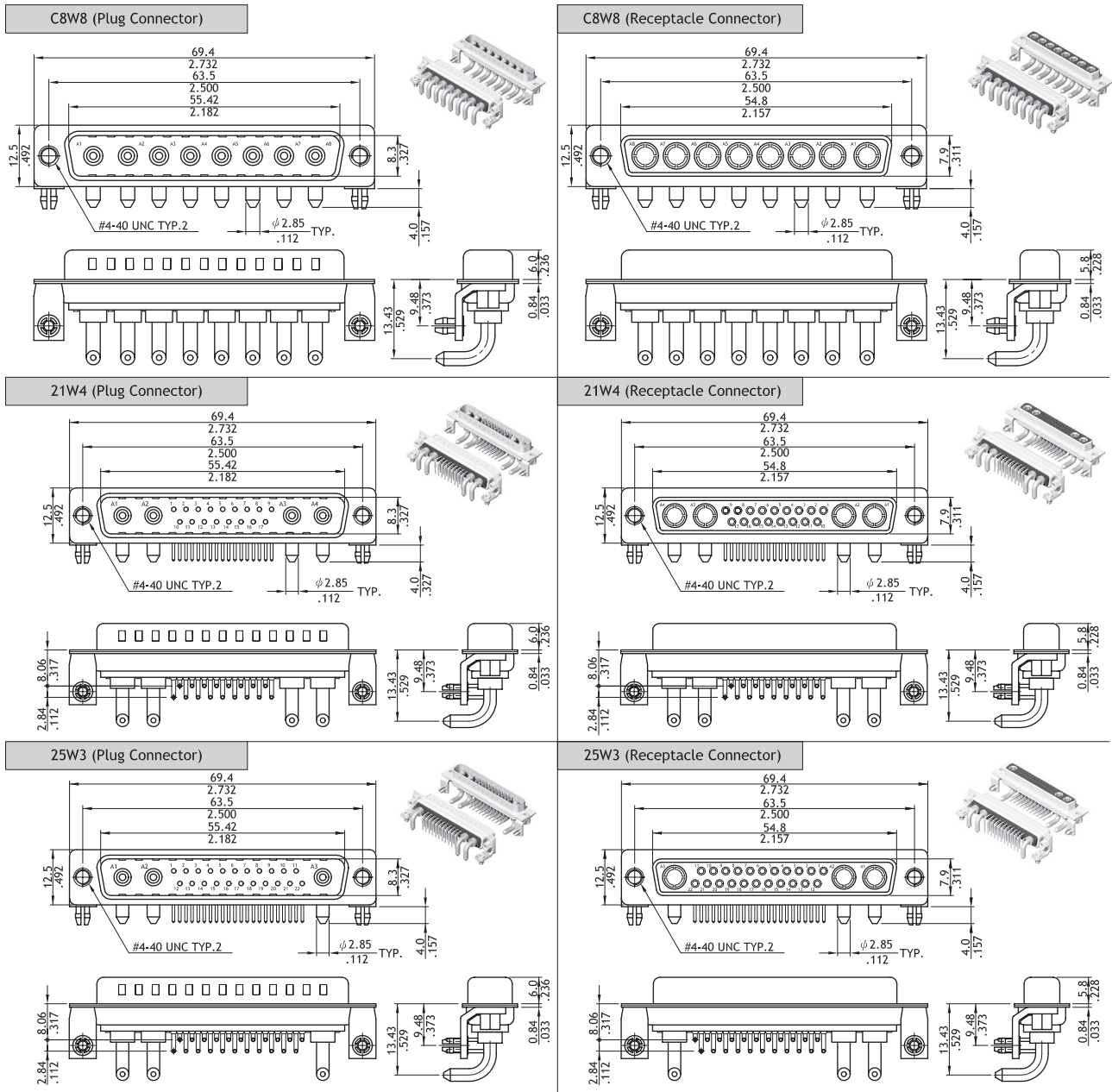
17W2 (Receptacle Connector)



CD

D-SUB CONNECTORS

20A High Power Right Angle DIP Combination D-Sub



Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧	⑨
13W3	S	P	H	2	2	1	2	100

- ① Series No.: C3W3, 3W3C, C7W2, 11W1, C5W5, 13W3, 17W3, C8W8, 21W4, 25W3, 36W4
- ② Connector Type: P = Plug
S = Receptacle
- ③ Contact Type: P = High power Contact
- ④ Contact Tail Style: H = Right Angle DIP Type
- ⑤ High Power Contact Plating: 2 = Gold flash over Nickel
- ⑥ Signal Contact Plating: 2 = Gold flash over Nickel
0 = Without Signal Contact

- ⑦ Insulator Color: 1 = Black
- ⑧ Performance: 20 = 20A
- ⑨ Mounting Style:
000 = With ϕ 3.05mm holes on shell
B00 = Riveted #4-40 UNC Open nuts on Front shell
C00 = Riveted #4-40 UNC Open nuts on Rear shell
I00 = Riveted #4-40 UNC Ground tabs with ϕ 3.2mm holes
I10 = Riveted #4-40 UNC Ground tabs with borad locks
*Special options consult manufacturer

CD

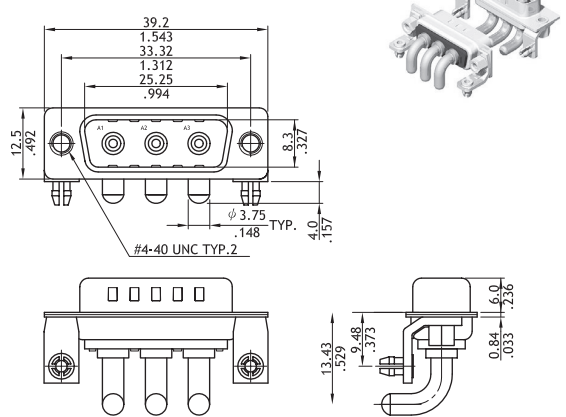
D-SUB CONNECTORS

40A High Power Right Angle DIP Combination D-Sub

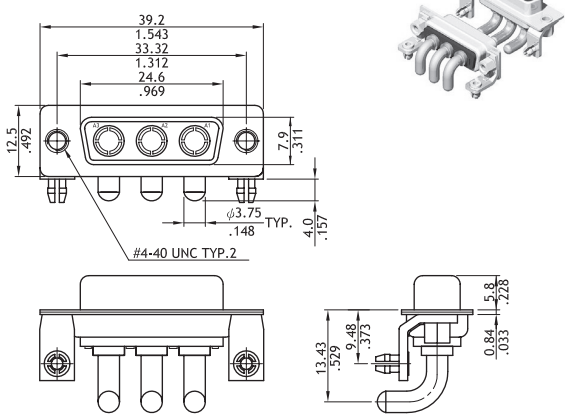
- ⊙ Standard type with #4-40 UNC threaded ground tabs and board locks to secure connector on board
- ⊙ Combined with stamped signal and 40A high power contacts
- ⊙ For side entry connection
- ⊙ Metal shell with ground indents
- ⊙ Riveted Hex nuts or hardware accessories options available

RoHS Compliant

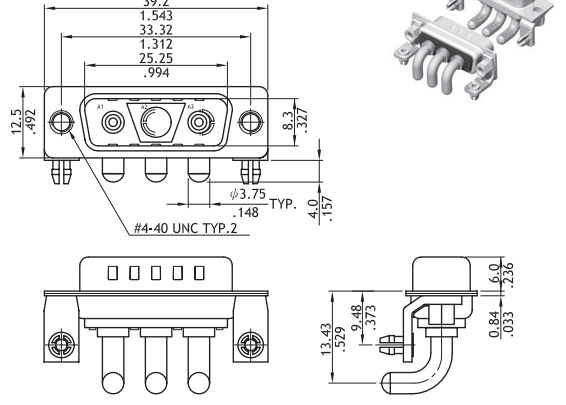
C3W3 (Plug Connector)



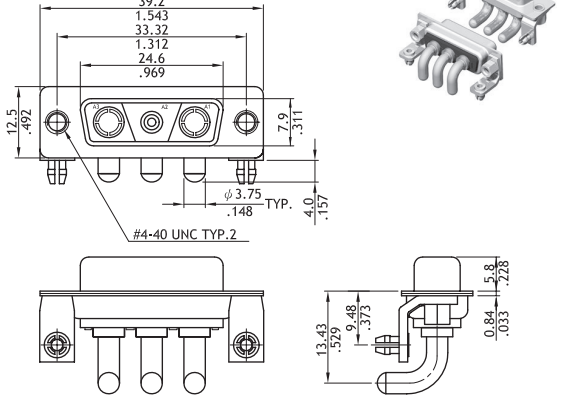
C3W3 (Receptacle Connector)



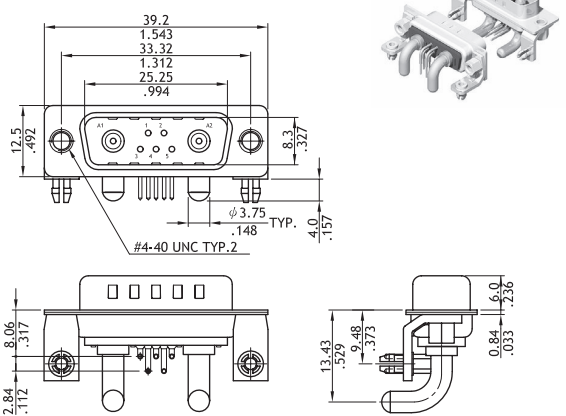
3W3C (Plug Connector)



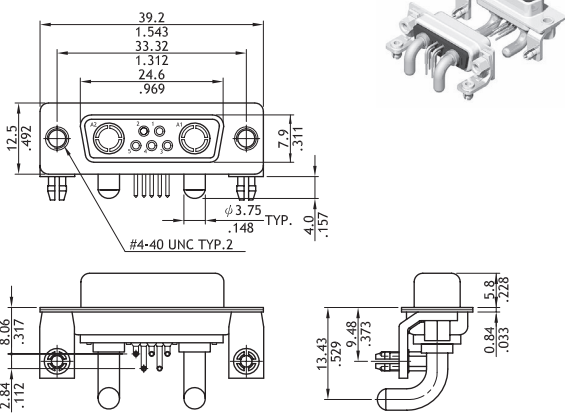
3W3C (Receptacle Connector)



C7W2 (Plug Connector)



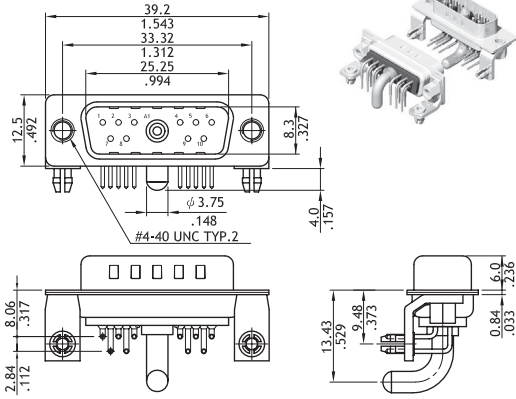
C7W2 (Receptacle Connector)



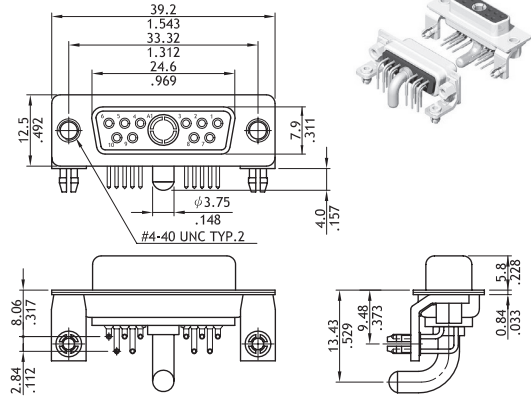
CD
D-SUB CONNECTORS

40A High Power Right Angle DIP Combination D-Sub

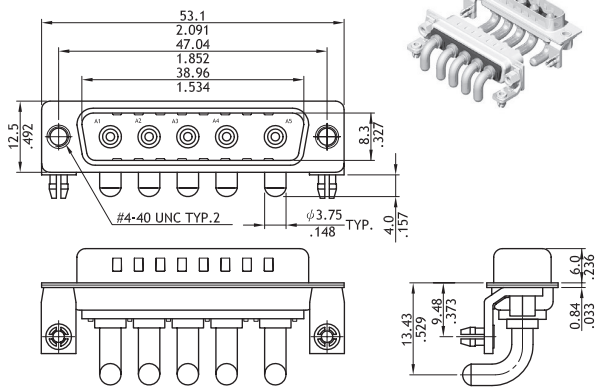
11W1 (Plug Connector)



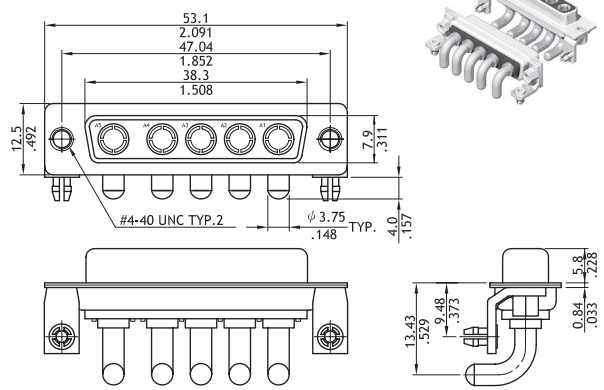
11W1 (Receptacle Connector)



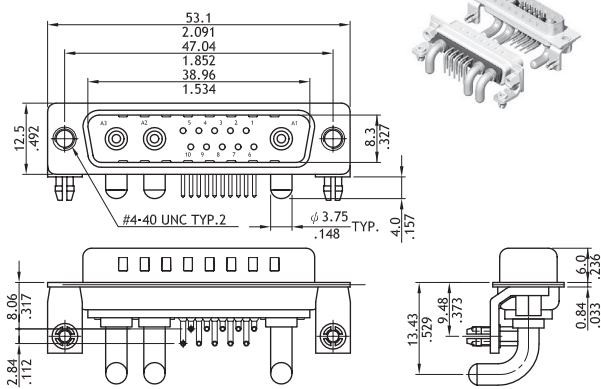
C5W5 (Plug Connector)



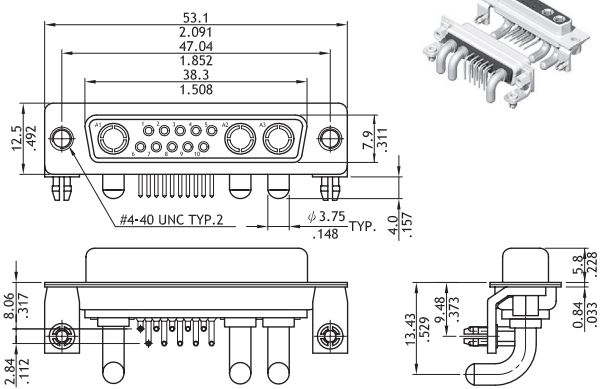
C5W5 (Receptacle Connector)



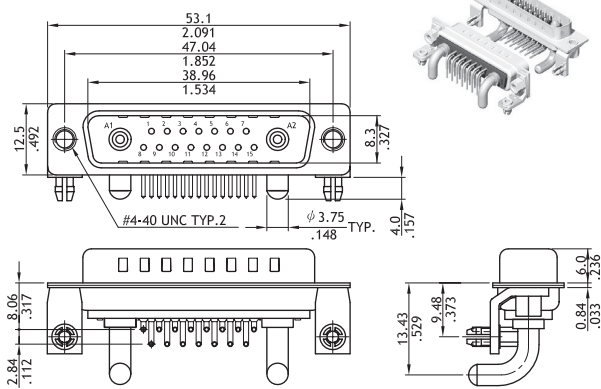
13W3 (Plug Connector)



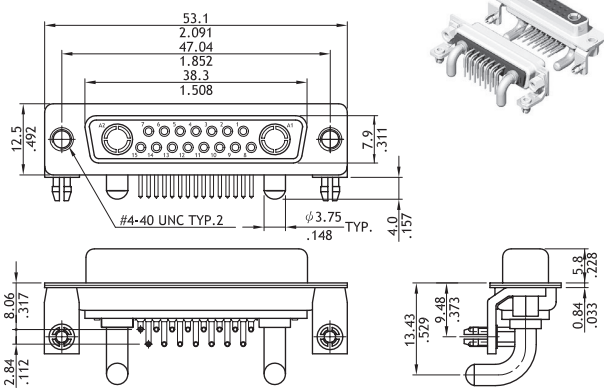
13W3 (Receptacle Connector)



17W2 (Plug Connector)



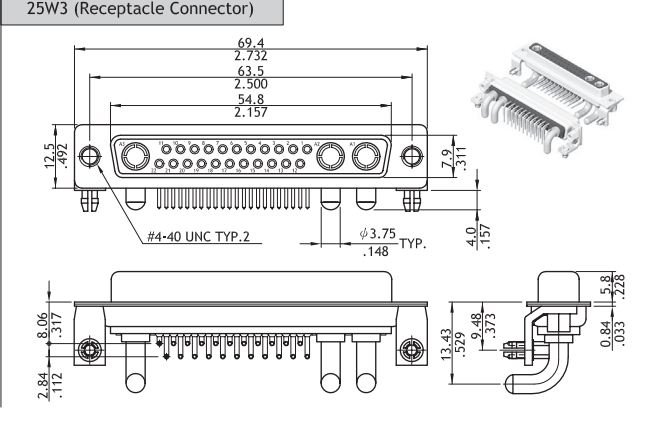
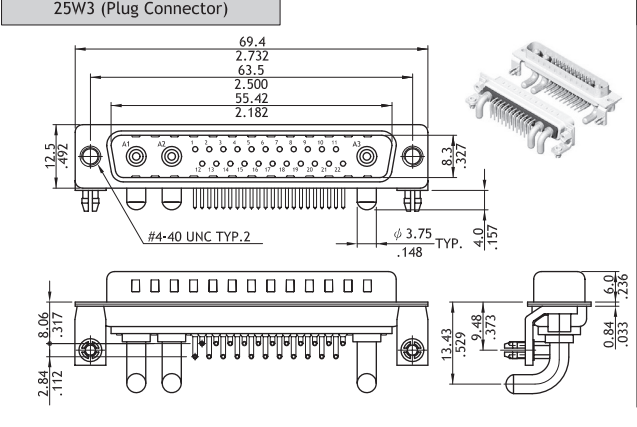
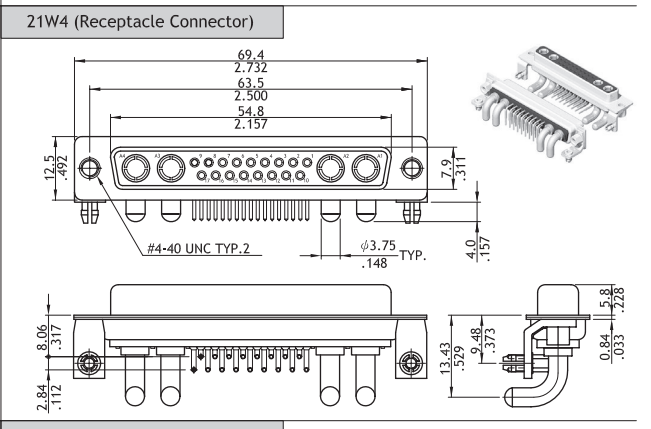
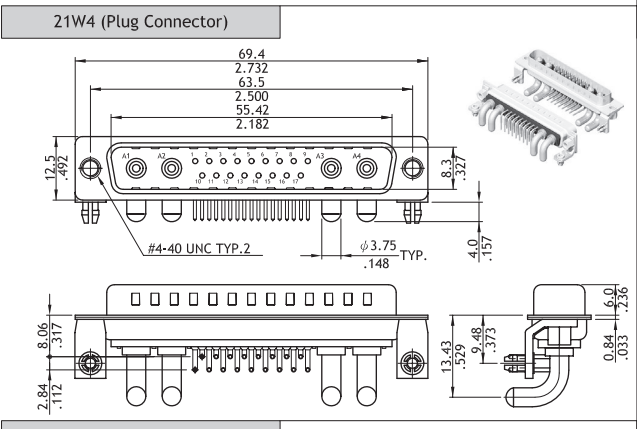
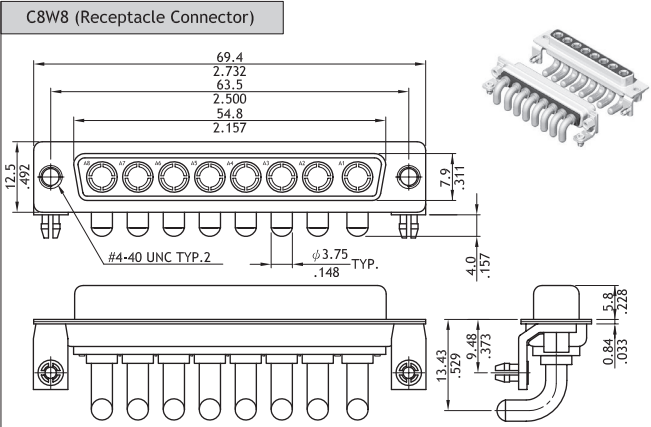
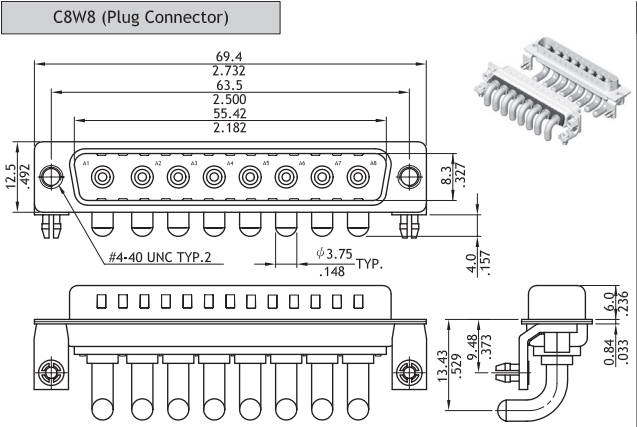
17W2 (Receptacle Connector)



CD

D-SUB CONNECTORS

40A High Power Right Angle DIP Combination D-Sub

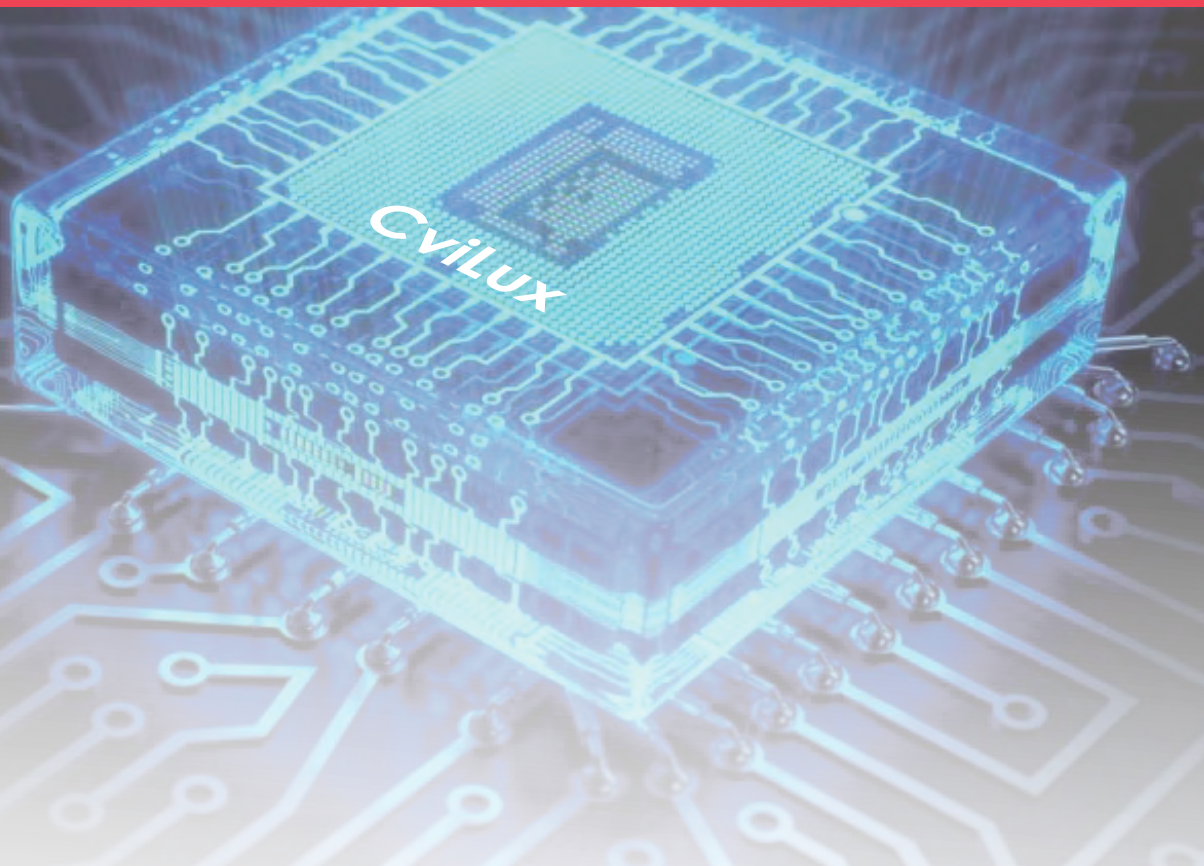


Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧	⑨
13W3	S	P	H	2	2	1	40	100

① Series No.: C3W3, 3W3C, C7W2, 11W1, C5W5, 13W3, 17W3, C8W8, 21W4, 25W3, 36W4
 ② Connector Type: P = Plug
 S = Receptacle
 ③ Contact Type: P= High power Contact
 ④ Contact Tail Style: H= Right Angle DIP Type
 ⑤ High Power Contact Plating: 2= Gold flash over Nickel
 ⑥ Signal Contact Plating: 2 = Gold flash over Nickel
 0 = Without Signal Contact
 ⑦ Insulator Color: 1 = Black
 ⑧ Performance: 40 = 40A
 ⑨ Mounting Style:
 000 = With ϕ 3.05mm holes on shell
 B00= Riveted #4-40 UNC Open nuts on Front shell
 C00= Riveted #4-40 UNC Open nuts on Rear shell
 I00= Riveted #4-40 UNC Ground tabs with ϕ 3.2mm holes
 I10= Riveted #4-40 UNC Ground tabs with board locks (Standard)
 *Special options consult manufacturer

CD
D-SUB CONNECTORS



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

