

Established

Taiwan , year 1990

Main Business

CviLux Brand & ODM/OEM Business

Key Products

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

Competitive Advantage

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

Factory & Office Location

- Taiwan – Tamsui Plant – Headquarters (CCT)
- China – Dongguan Plant – 1 (CED)
- Dongguan Plant – 2 (DQH)
- Dongguan Plant – 3 (CED2)
- Suzhou Plant (HBC)
- Chongqing Plant (CQC)
- Anhui Plant (AHC)
- Shenzhen Office (CTS)
- Lao – Lao Plant (LAO)
- USA – USA Office (CUC)

Sales Agent

- Allsor Technology Corporation (Taiwan)
- Allsor (Dongguan) Technology Corporation (China)

Quality Policy

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

I.P.O.

TWSE8103 (Taiwan Stock Exchange Corp.)



CviLux Corporation Headquarters, Taiwan



CviLux Electronics (Dongguan) Co., Ltd.



CviLux Technology (Shenzhen) Corporation



CviLux Technology (Chongqing) Corporation



Dongguan Qunhan Electronics Co., Ltd.

TERMS & CONDITIONS

Sample Request

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

Tape & Reel Request

T/R available, please consult manufacturer for details.

Quotation Validity

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

Export Payment Terms

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

Minimum Package Quantity

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

Minimum Order Quantity

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

Delivery Term

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

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

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

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

Time of Delivery

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

Placing Orders

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

Orders Cancellation and Changes

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

Shipping

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

Constant Product Improvement

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

Guarantee

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

Warranty

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

Returned Goods

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

Force Majeure

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

Export Control Regulations

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



Wire to Board & Cable Assembly



Power Connectors



Pin Headers



FFC/ FPC Connectors



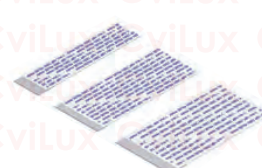
RF Connectors



D-SUB Connectors



FFC



USB Type C Connectors & Cable





Wire to Board & Cable Assembly



Pin Headers

FFC/ FPC Connectors & FFC



RF Connectors

D-SUB & Combo D-SUB

Telephone Jacks



USB Type C Connectors & Cable

Mini PCI-E

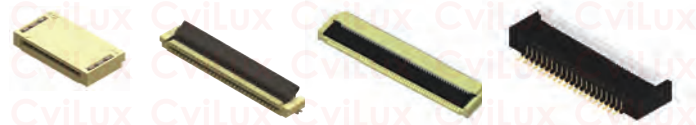




Wire to Board Connectors & Harness Cable



FFC/FPC Connectors



FFC & LVDS FFC



Power Connectors

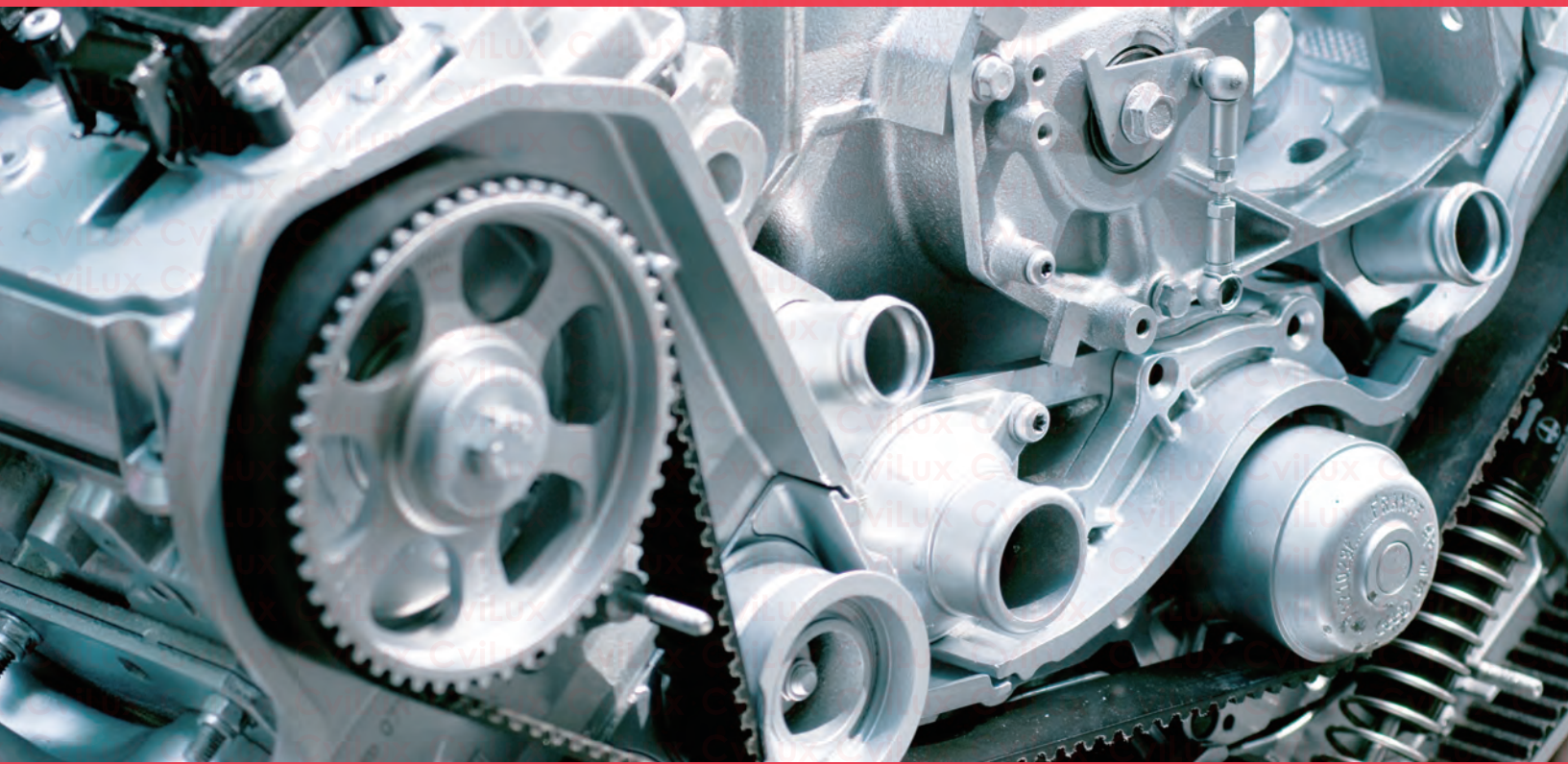


LED Holder

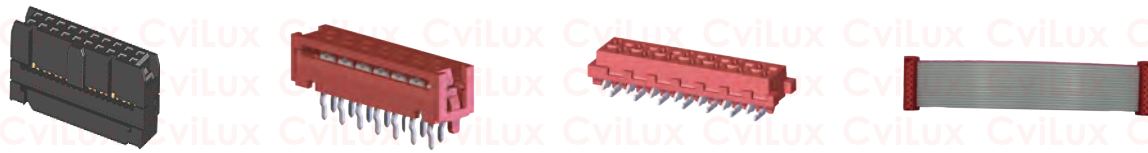


USB Type C Connectors & Cable





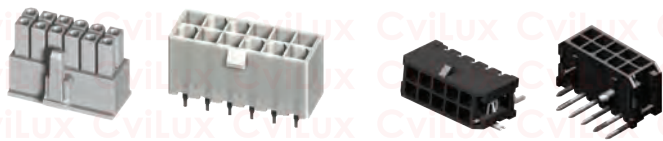
IDC Connectors & Cable



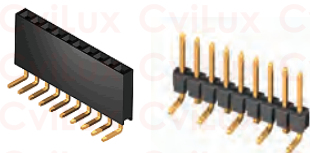
FFC/FPC Connectors & FFC



Power Connectors



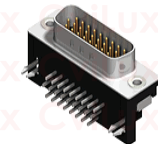
Pin Headers



BTB Connectors



D-SUB



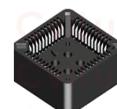
USB Type C Connectors & Cable



USB



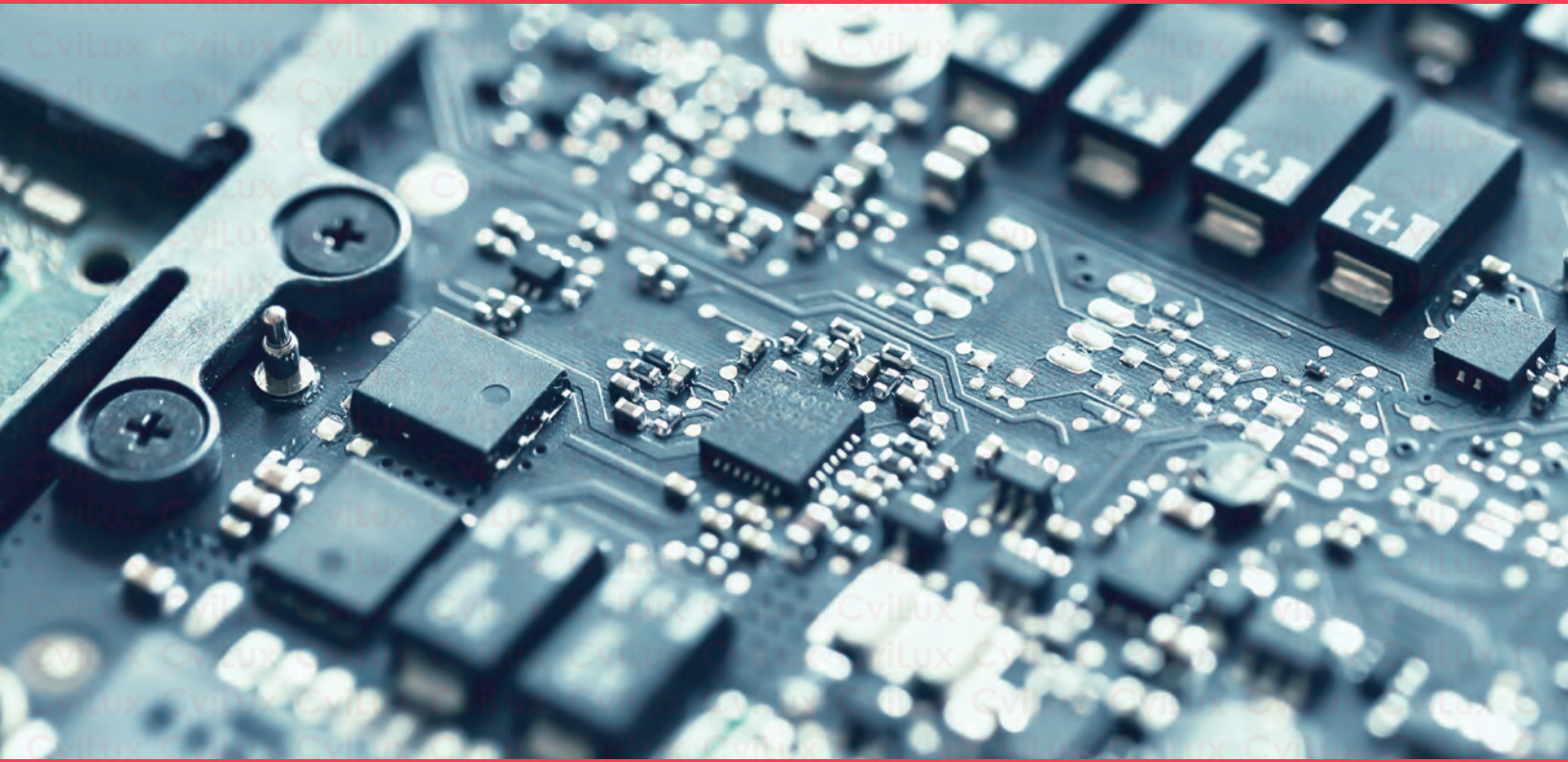
IC socket



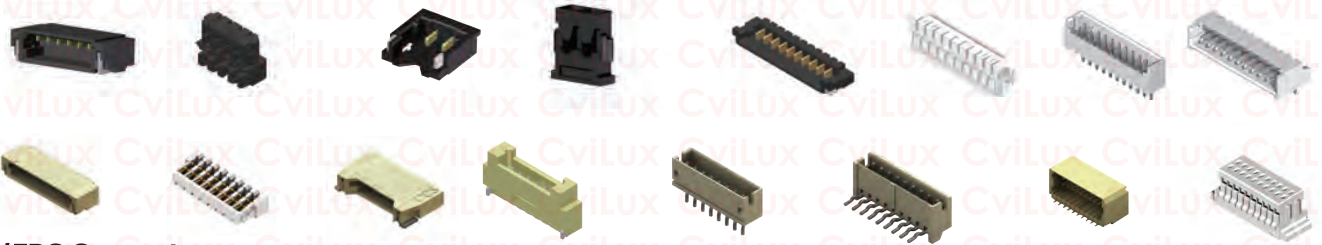
Jumper



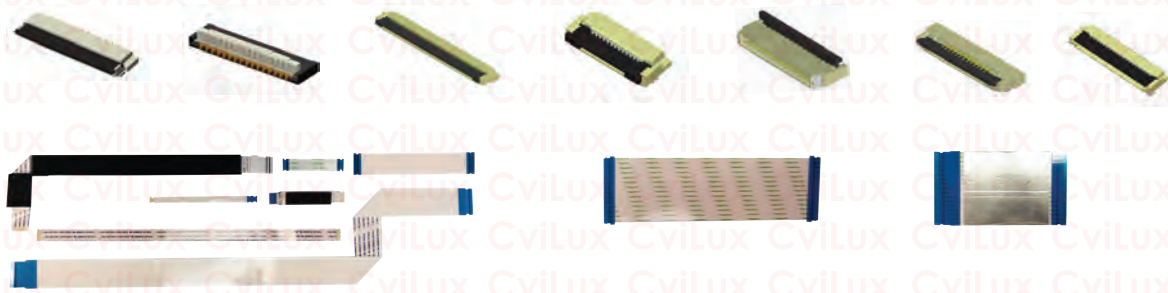
Laptop Industry



Wire to Board Connectors



FFC/FPC Connectors



BTB Connectors



LVDS Connectors



USB Type C Connectors



I/O Connectors

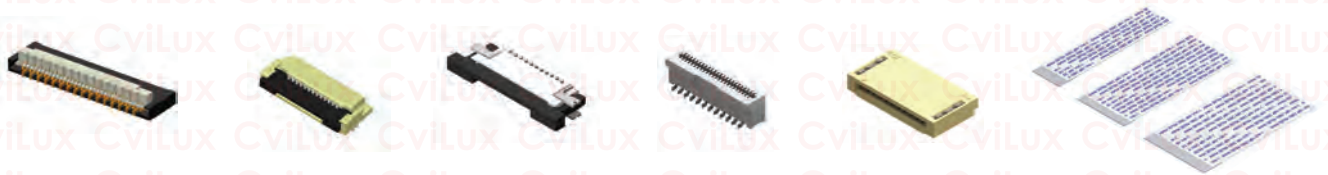




Wire to Board Connectors



FFC/FPC Connectors & FFC



BTB Connectors



I/O Connectors



USB Type C Connectors



USB Type C Cable



PRODUCT CATEGORY



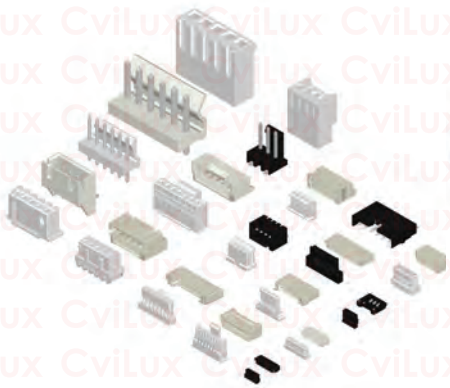
FFC / FPC Connectors



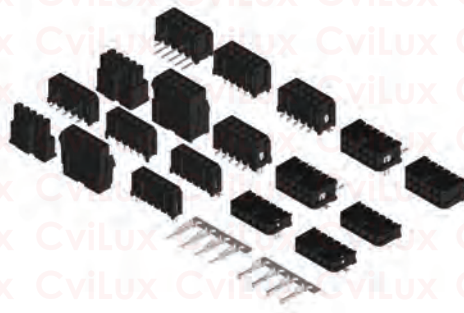
FFC and LVDS Cables



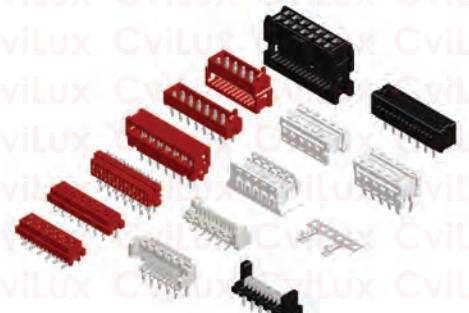
LVDS Connectors



Wire to Board Connectors



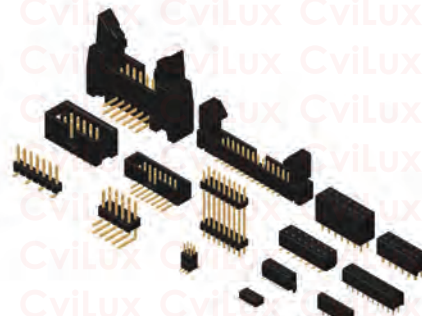
Power Connectors



IDC Connectors



Board to Board Connectors



Pin Headers



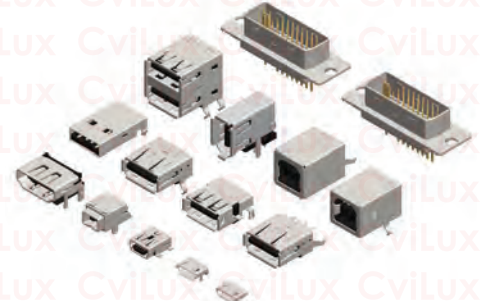
Socket Connectors



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



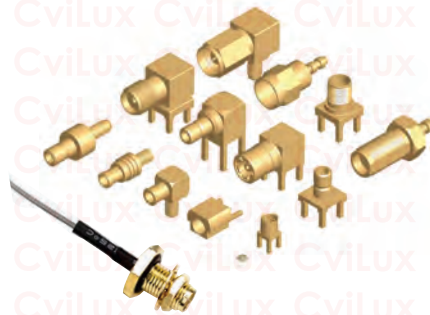
Modular Jack Connectors



I/O Connectors



USB Type C Connectors



**RF Microwave
Coaxial Connectors & Cable**



Pogo Pin Connectors



**Fiber Optical Connector
& Cable**



PCBA



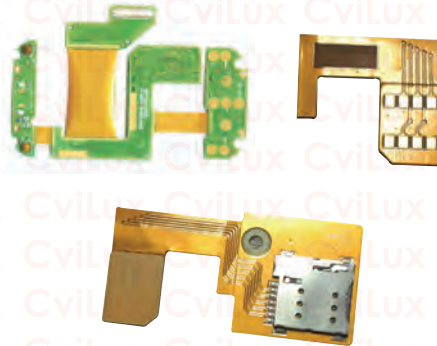
Module

PRODUCT CATEGORY

PI High Temperature Film FFC



Cable with PCBA Assemblies



IDC Cable Assemblies



Type C Cable & Adapter



Lightning Cable



HDMI AOC Cable



STATEMENT OF ENVIRONMENTAL FRIENDLY POLICY

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

Definition:

RoHS Compliant and Lead Free Soldering Process

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

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

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

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

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

Halogen Free

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

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

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

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

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

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

Requirement for install

© Android 7.0 above, iOS 9 above.

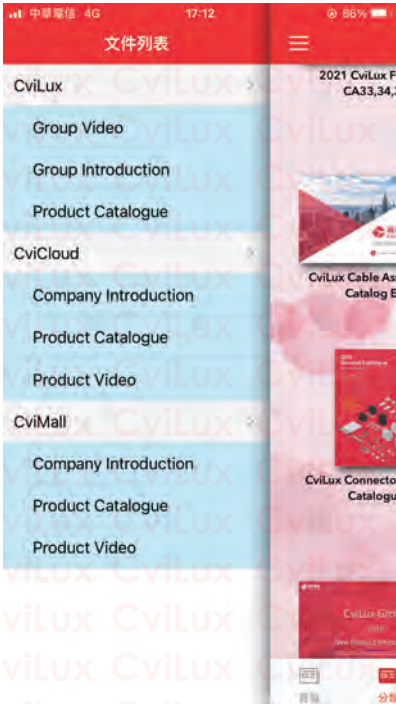
Step 1. iOS/Google Play Key Word Search: CVILUX



Step 3. General Catalogue



Step 2. Download E- Catalogue on the shelf



RoHS Compliant : RoHS Compliant

: TUV Certified

: UL Certified

: Lead-Free soldering process available

: Halogen-Free

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

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

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

CI35	2.54(.100")	Wire to Board Connectors	166
CI39	2.54(.100")	Wire to Board Connectors SMT Headers	167
CI83	2.54(.100")	Friction Lock Breakaway Headers	168
CID2	2.54(.100")	IDC type Connectors	169
CID7	2.54(.100")	Wire to Board Housing/Terminal/Straight Headers	170
CIL1	3.50(.138")	Board to Board connectors	171
CI51	3.96(.156")	Wire to Board Connectors Housing & Terminal	173
		Wire to Board Connectors DIP Headers	174
CI52	3.96(.156")	Wire to Board Connectors Housing & Terminal	175
		Wire to Board Connectors DIP Headers	176
	7.92(.312")	Wire to Board Connectors DIP Headers	177
CI82	3.96(.156")	Friction Lock Breakaway Headers	178
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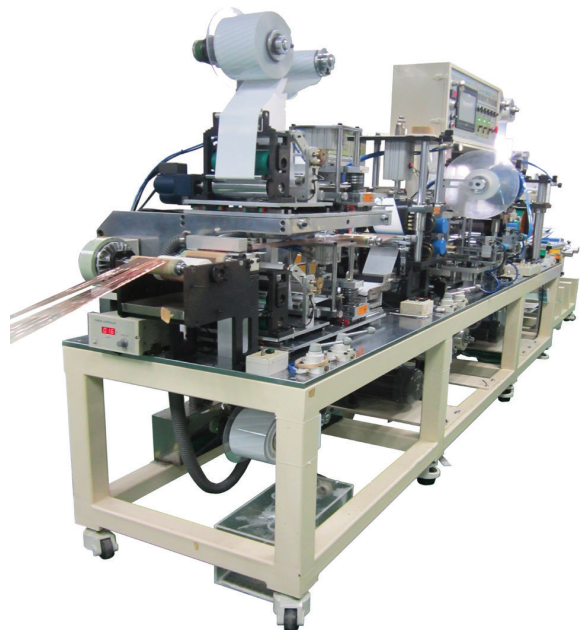
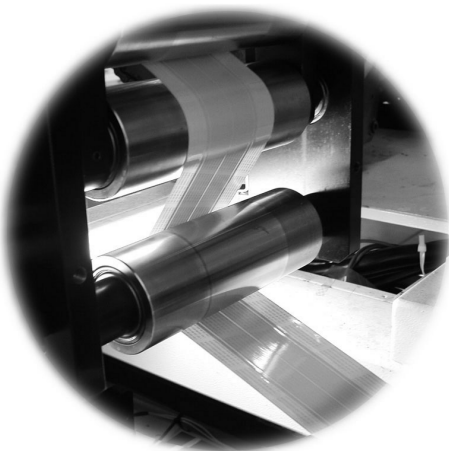
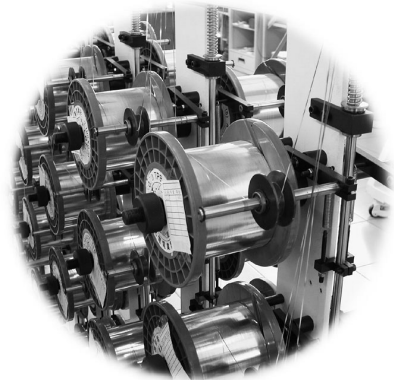
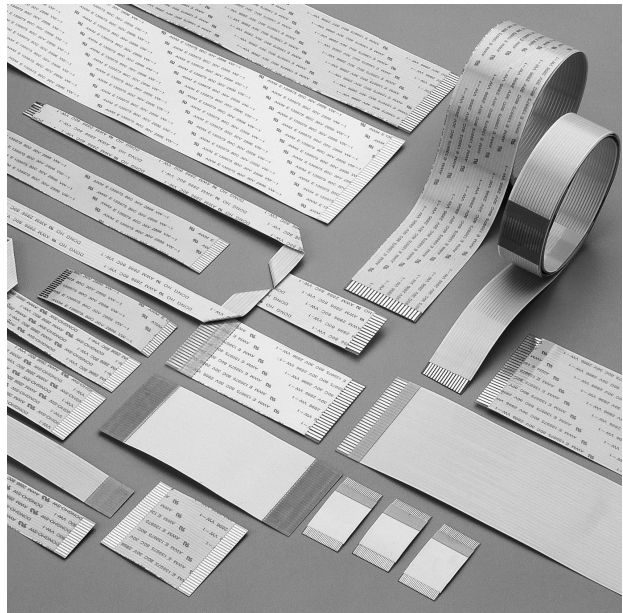
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Introduction

To meet the demands of miniaturizing electronic products, to solve critical size requirement problem, CviLux now provides you low cost multiple pitches flat flexible cables in 0.5mm, 1.0mm, 1.25mm, and 2.54mm pitch per your requirements.

The insulation of Flat Flexible Cables is made of PET, there are options with variety of terminal types in both cable ends per your requirements. They are small, light weight, thin, flexible and easy to connect with CviLux CF series FFC connectors.

Our Flat Flexible Cable can be used several laminated copper wire, please refer to our product specification for detailed information. Customized FFC available, please consult sales person.



FFC

FLAT FLEXIBLE CABLE

Features/Advantages/Materials/Rating

RoHS Compliant

Features & Advantages

- ⊙ Light weight and flexible
- ⊙ Compactness of electronic products
- ⊙ Easy assembling and low production cost
- ⊙ Simple and clean internal design

Materials

- ⊙ Conductor : See ordering code
- ⊙ Insulation : Polyester (PET)
- ⊙ Adhesive layer : Flame retardant Polyvinyl chloride (PVC) or Polyester adhesive layer
- ⊙ Color : White or Black
- ⊙ Support Tape : Polyester (PET)
- ⊙ Adhesive layer : Polyester adhesive layer
- ⊙ Color : Blue

Rating

⊙ UL File No. : E208903

UL Style	Temp.	Volt.
2896	80°C	30V
20624	80°C	60V
20696	80°C	30V
20706	105°C	60V
20798	80°C	60V
20861	105°C	60V
20941	105°C	90V
20960	105°C	300V

*Standard Products: UL20706

*Other UL type required, please consult sale person.

Applications

- ⊙ Audio, Video, Scanner, Cordless Phone, Fax, Notebook, P.C., Monitor, Pad, Car audio, TV, Security equipment, Micro-motors, Home Appliance...etc.
- ⊙ Shield Type : EMI Application



Notebook P.C



PAD



Smart Phone



Digital Camera



Mobile



MFP



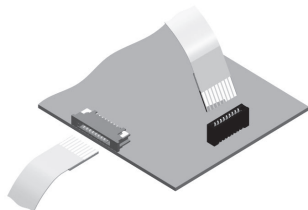
Monitor



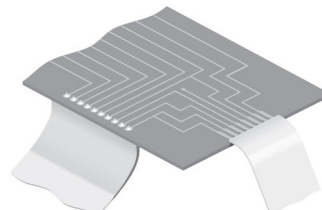
TV

Connectors

⊙ PLUG IN



⊙ SOLDERING



Ordering Code

1 **F F C**
2 **C**
3 **1 2**
4 **0 4**
5 **T**
6 **1**
7 **0 6 0**
8 **0**
9 **0**
10 **- 3**
11 **0 0**

1 Series No.

2 Conductor Pitch:

Code	Pitch(mm)
A	2.54
B	1.25
C	1.00
E	0.50

3 Number of Conductors

4 Material : Copper Conductor Size

Code	Size		Applying Pitch(mm)
	Thickness	Width	
01	0.10	1.27	2.54
02	0.10	0.80	1.25
03	0.05	0.80	
10	0.035	0.80	
04	0.10	0.70	1.00
05	0.05	0.70	
06	0.035	0.70	
14	0.05	0.65	
15	0.10	0.65	0.50
08	0.05	0.30	
09	0.035	0.30	

5 Plating code: T= Sn, Y=Gold flsch over Nickel

B=Gold plated 3μ" over bare copper

6 Terminal Types: See below Terminal Types table

Sn plated conductor use T1, T2,

T7, T9. Gold conductor use G1/B1 and G2/B2

7 Overall Length

8 Strip Length: 0 = Standard

a When the conductor pitch is 0.5mm;

Standard strip length = 4.0mm

b When the conductor pitch is 1.0, 1.25 and 2.54mm;

Standard strip length = 5.0mm

c Other length options available

9 Support Tape Length: 0 = Standard

a When the conductor pitch is 0.5mm;

Standard length = 8.0mm

b When the conductor pitch is 1.0, 1.25 and 2.54mm;

Standard length = 10.0mm

c Other length options available

d Max. Support Tape length: 20.0mm

10 UL Style No.

-N = Non printing(Standard)





-3 = UL 20706(Standard) H=UL 20706(Halogen Free)

11 Other Option:


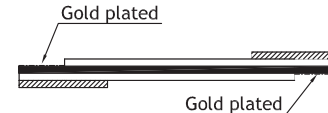
00 = Standard

Terminal Type Table

Sn Plated:

Code	Type	Code	Type
T1		T7	
T2		T9	

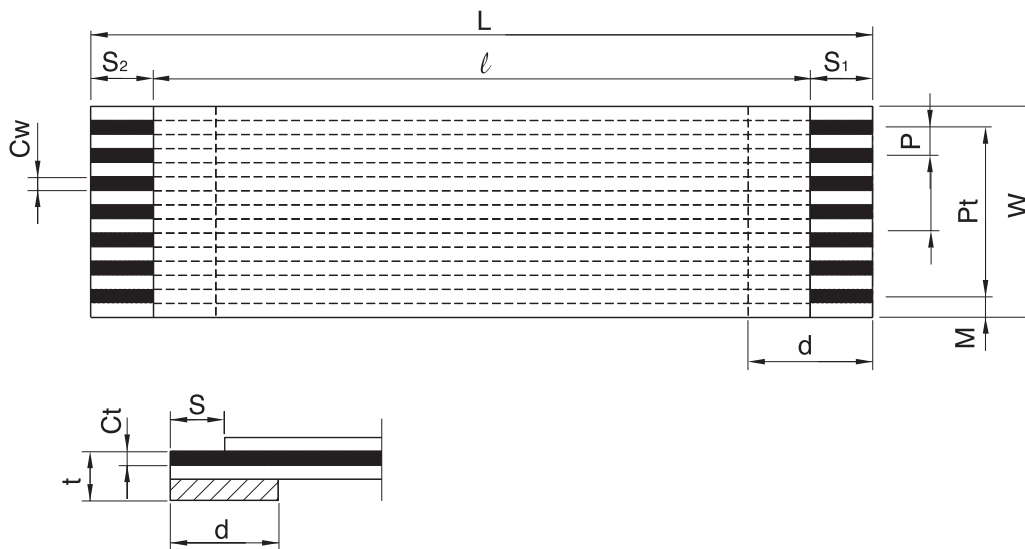
Gold Plated:

Code	Type	Code	Type
Y1/B1		Y2/B2	

Shape, Construction and Dimensions

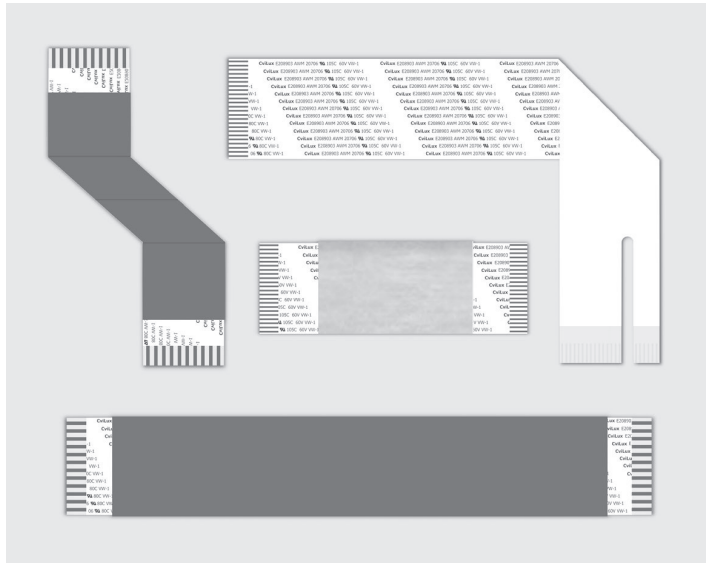
Unit:mm

No.	ITEM	Abbr.	FORMULATION	TOLERANCE			
				P=0.50	P=1.00	P=1.25	P=2.54
1.	Pitch	P	Typical	±0.05	±0.08	±0.10	±0.15
2.	Total pitch	Pt	$Pt=(n-1) \times P$	±0.08	±0.10	±0.15	±0.20
3.	Width	W	$W=(n+1) \times P$	±0.08	±0.10	±0.20	±0.20
4.	Margin	M	$M=(W-Pt)/2$	±0.08	±0.12	±0.15	±0.20
5.	Insulation length	ℓ	$\ell = L - (S_1 + S_2)$	(30-100)±3, (101-300)±5, (301-600)±10, (Length more than 601mm)±15mm			
6.	Total (Cable) length	L	$L = \ell + (S_1 + S_2)$				
7.	Strip length	S	When the terminal type is T1, T2 ; $S_1 = S_2$	4±1	5±1		
8.	Support tape length	d	$d = S \times 2$	8±2	10±2		
9.	Conductor width	Cw	Various	0.3±0.02	0.7±0.03	0.8±0.03	1.27±0.04
10.	Conductor thickness	Ct	Various	N/A	0.10±0.01		
				0.05±0.01			
				0.035±0.01			
11.	Terminal thickness	t	Typical	0.29~0.34			



Feature & Caution

This product is economic interconnect configurations including jumpers, formed, shielded, terminated and assembled cables, characterized by its excellent flexibility, space saving, light weight and easy assembly. It can be easily inserted or pulled out from the connector or directly soldered onto the PCB. We offer flexibility in design, where the number of conductors, pitch and length can be freely selected to meet any assembly requirements. This design partnership enables our customers to produce quality products at competitive costs.

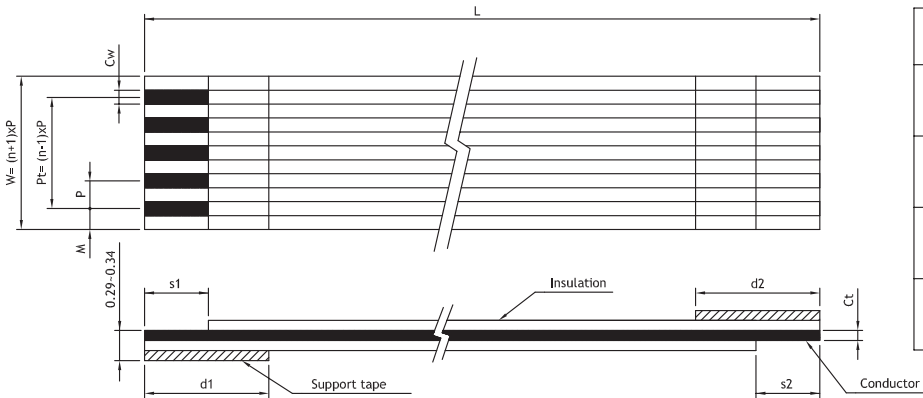


CAUTION

- ⊙ Please aware minimum order US\$1300 per item in requiring for FFC
- ⊙ Please fill up below form for standard configuration and indicate the quantities you will need for your order.
- ⊙ Formed, shielded, terminated and assembled cables, please submit drawing or sketch for quotation.

TYPE -

- ⊙ Please make a copy, fill up this form and send by fax or e-mail to us for sample request



TERMINAL TYPE	
T1	
T2	
T7	
T9	

UL Style		Terminal Type		Dimension								Support Tape Color	
No.	No. of Conductor	P	Pt	L	W	M	Cw	Ct	S1	S2	d1		d2

Performance

Electrical Performance

ITEM	TEST CONDITION	REQUIREMENT				
		Conductor size	Resistance	Remarks		
1.1	Conductor resistance	JIS C-3102 (at 20°C)	Ct	Cw	Tinned copper	
			0.1	1.27		less than 0.20 Ω/m
				0.80		less than 0.26 Ω/m
				0.70		less than 0.30 Ω/m
				0.65		less than 0.30 Ω/m
			0.05	0.80		less than 0.52 Ω/m
				0.70		less than 0.65 Ω/m
				0.65		less than 0.57 Ω/m
				0.30		less than 1.40 Ω/m
			0.035	0.80		less than 0.82 Ω/m
				0.70		less than 1.09 Ω/m
				0.30		less than 2.20 Ω/m
1.2	Dielectric strength	AC 500V 1 min	No breakdown			
1.3	Insulation resistance	DC 500V	More than 1000MΩ/m			

Mechanical Performance

ITEM	TEST CONDITION	REQUIREMENT
2.1	Elongation of insulator	JIS K-6732
2.2	Tensile strength of insulation	JIS K-6732
2.3	Abrasion test	φ 0.5mm, 600g, 60 cycles/min.
2.4	Pull-out test	–

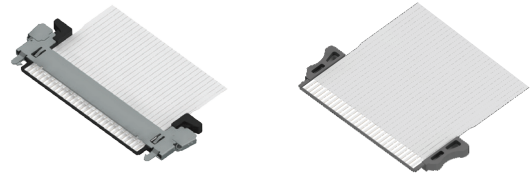
Environmental Performance

ITEM	TEST CONDITION	REQUIREMENT
3.1	Operation temperature	–
3.2	Heat resistance	110°C x 96 Hrs
3.3	Heat cycle test	-40°C→+25°C→+85°C→+25°C x 5 cycle
3.4	Moisture resistance	40°C, 95% RH x 96Hrs
3.5	Flame test	UL Sub.758
3.6	Flexing test	180° folding test

Flat Flexible Cable Assemblies - LVDS FFC Cable

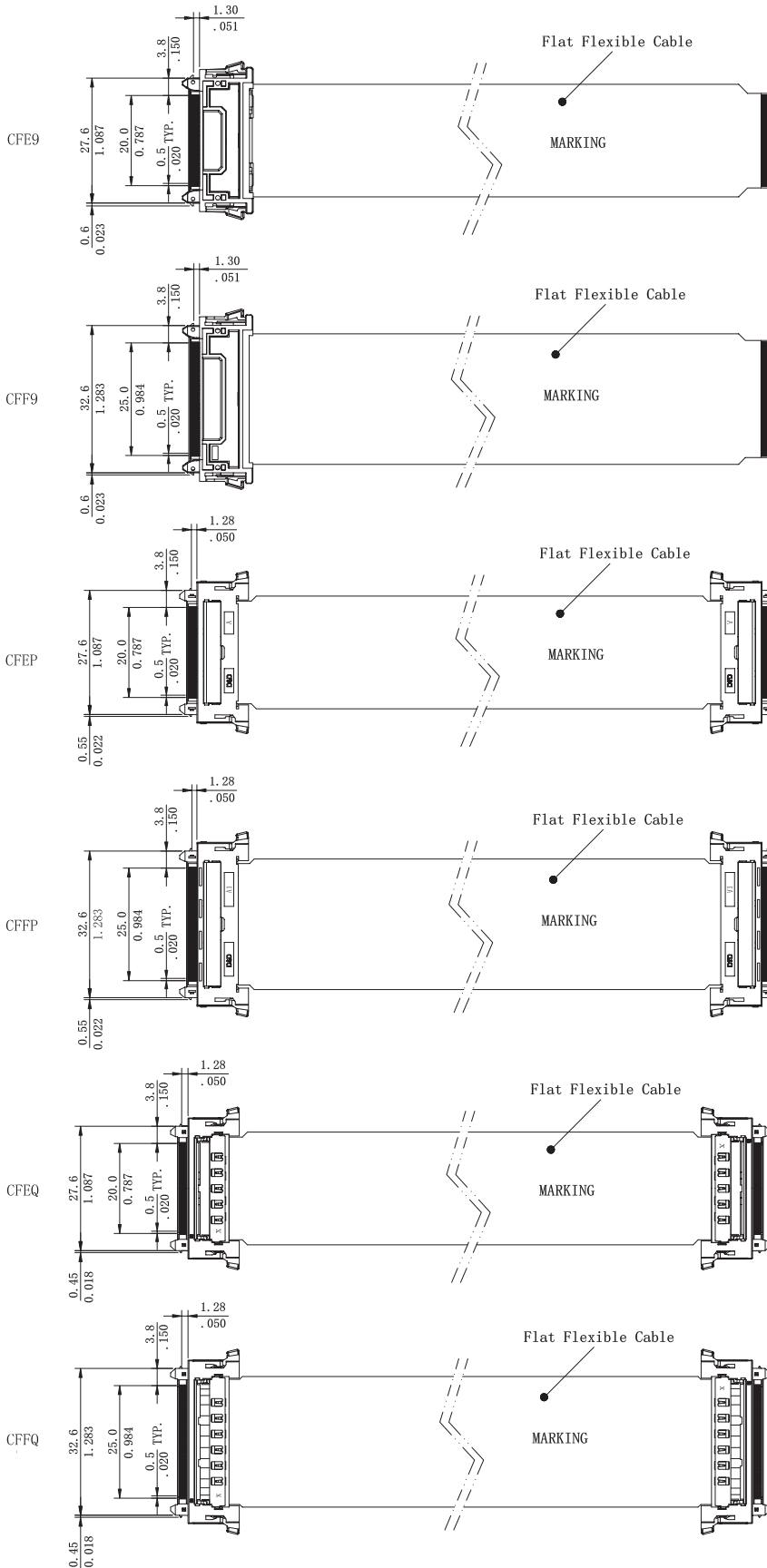
© LVDS interface for monitor & LCD TV application

RoHS Compliant



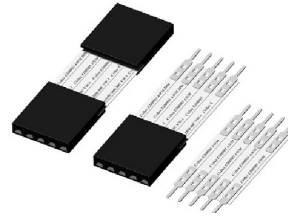
FFC

FLAT FLEXIBLE CABLE

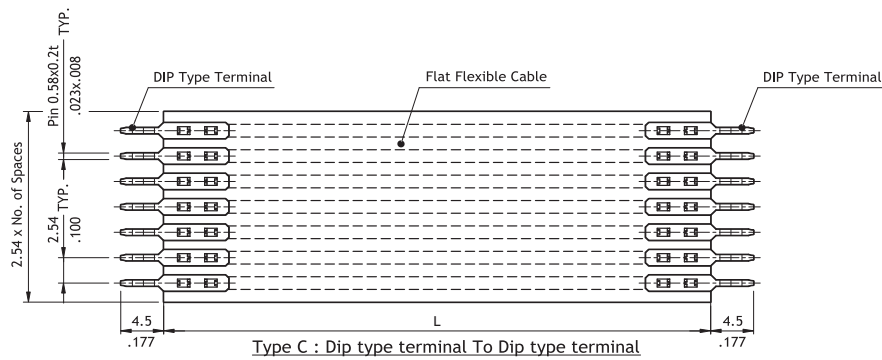
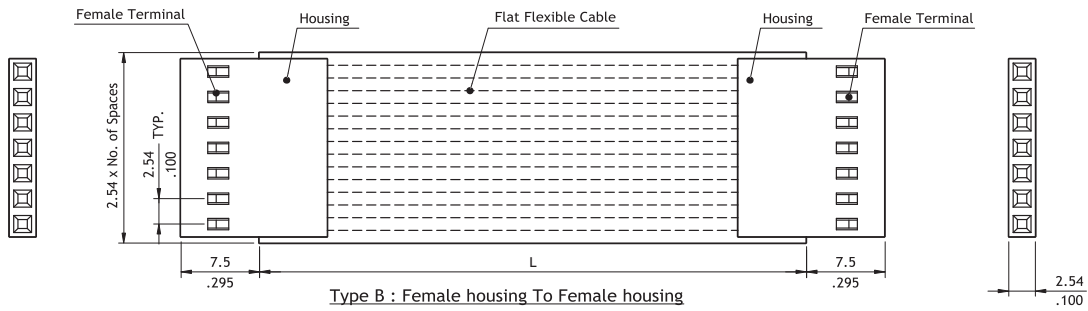
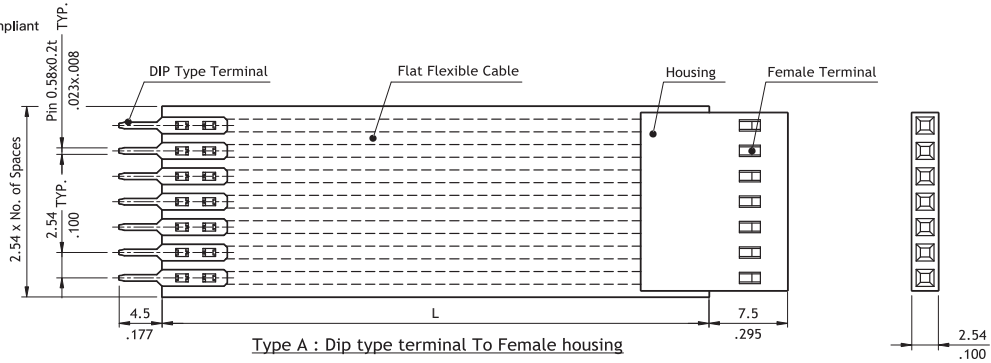


FFCA Series 2.54mm(.100") Flat Flexible Cable Assemblies

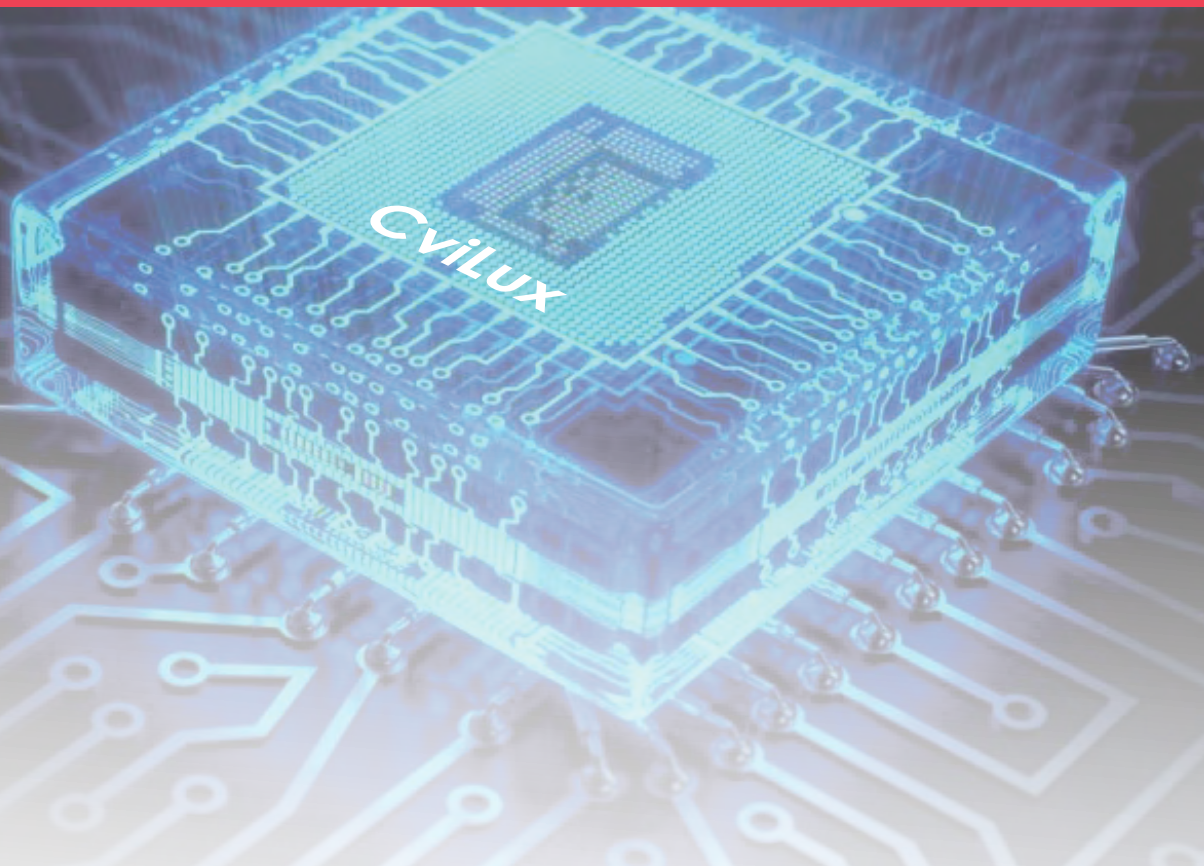
- ⓪ Designed for flat flexible cable assembly
- ⓪ Available receptacle and board in pierce contact
- ⓪ Can be mated standard 2.54mm(.100") Pin header
- ⓪ Stackable end to end / side by side
- ⓪ Piercing termination provide reliable connection
- ⓪ Low cost and high reliability



RoHS Compliant



Ordering Code	①	②	③	④	⑤	⑥	⑦
	FFC	AS	A	07	01	063	00
① Series No.					⑤ FFC Conductor Size(Thicknessx Width): 01 = 0.1x1.27mm		
② AS = Assembly					⑥ FFC overall length: 063 = 63mm (Custom length option)		
③ Type: A = DIP type terminal to Female housing B = Female housing to Female housing C = DIP type terminal to DIP type terminal					⑦ Other Option: 00 = Standard *Special option consult manufacturer *Minimum Order Quantity:5000pcs / order		
④ No. of Circuits: 02 to 13 for A and B Type							



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

