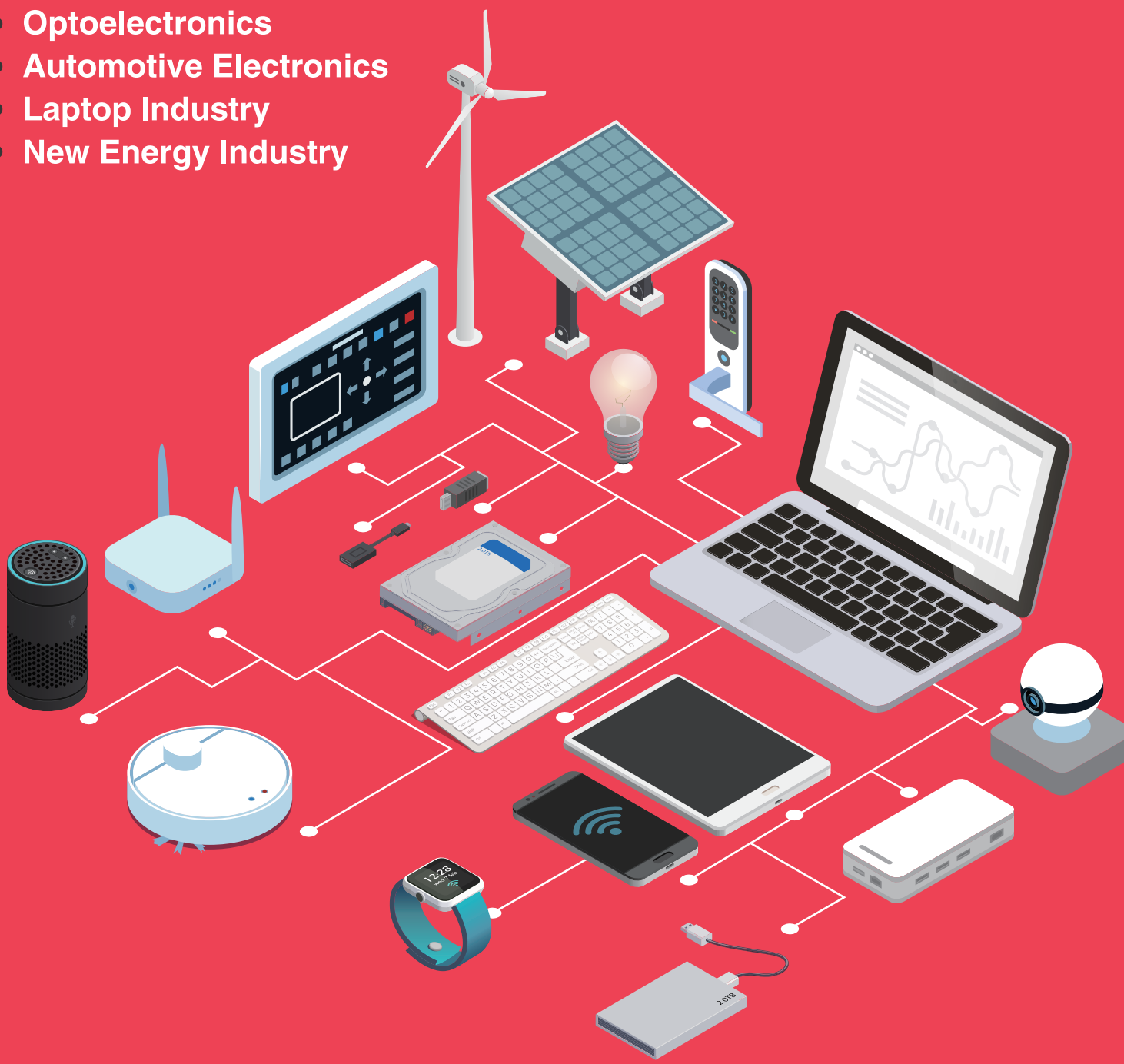
瀚荃集團
CviLux Group

2022 General Catalogue

Connector Specialist

CONNECT THE WORLD CONNECT THE FUTURE

- Smart Home
- Networking
- Optoelectronics
- Automotive Electronics
- Laptop Industry
- New Energy Industry



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

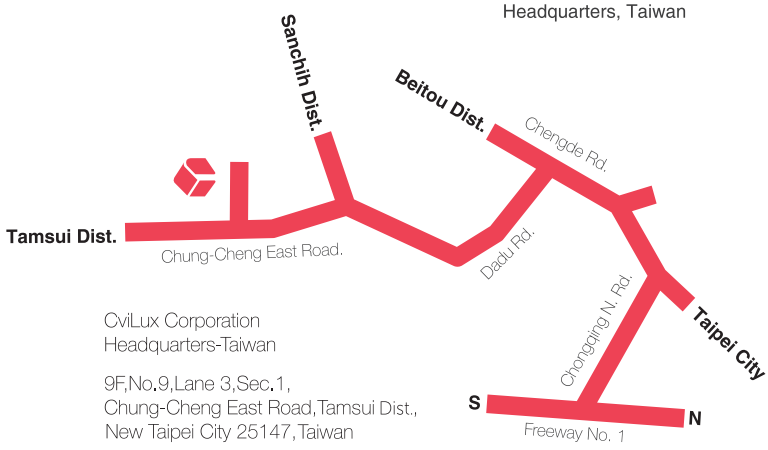
Factory & Office Location
Taiwan – Tamsui Plant – Headquarters (CCT)
China – Dongguan Plant – 1 (CED)
Dongguan Plant – 2 (DQH)
Dongguan Plant – 3 (CED2)
Suzhou Plant (HBC)
Chongqing Plant (CQC)
Anhui Plant (AHC)
Shenzhen Office (CTS)
Lao – Lao Plant (LAO)
USA – USA Office (CUC)

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

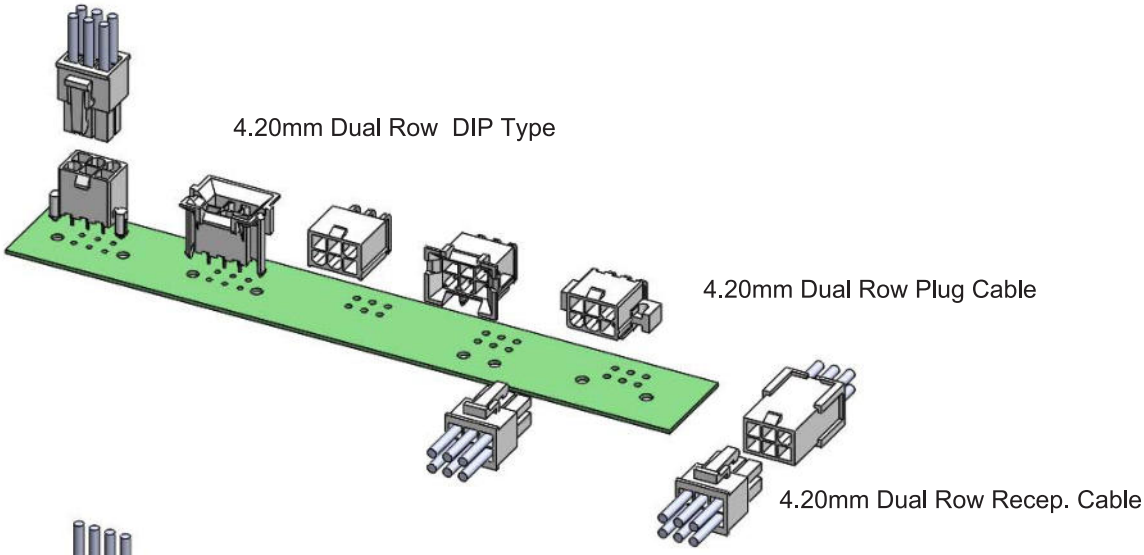
CviLux Electronics
(Dongguan) Co., Ltd.

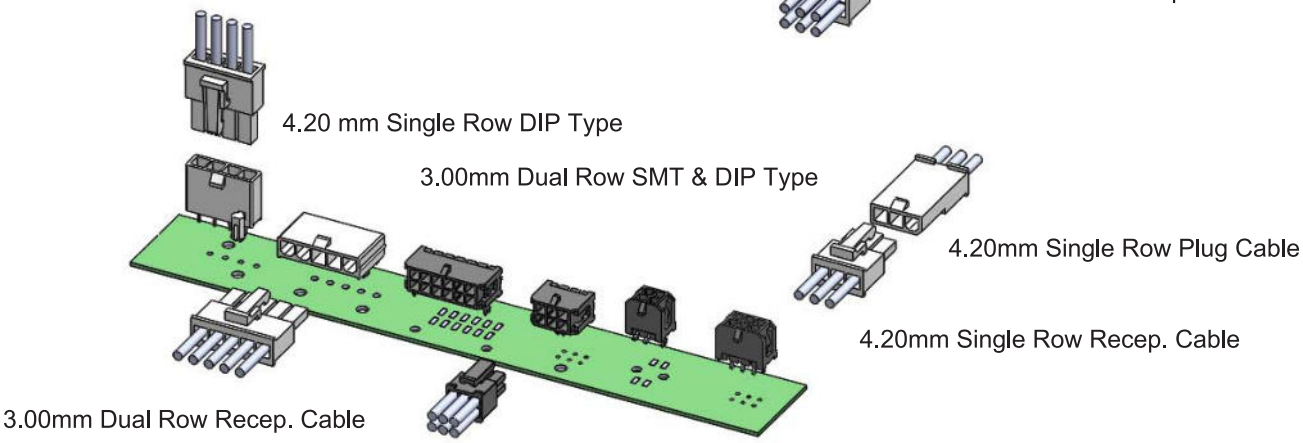
CviLux Technology
(Shenzhen) Corporation

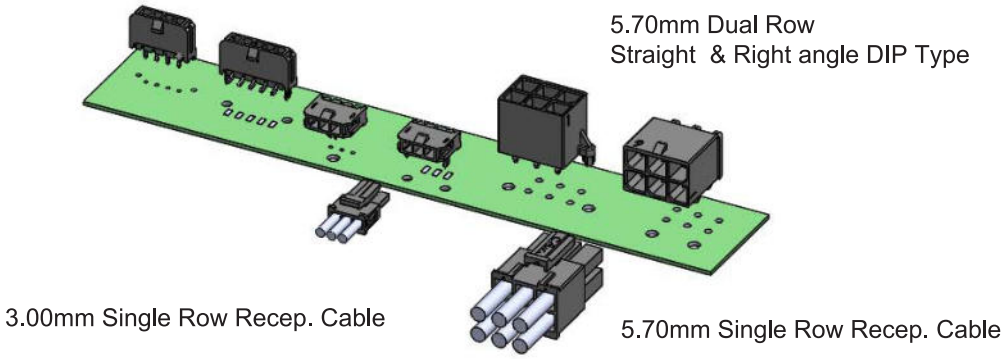
CviLux Technology
(Chongqing) Corporation

Dongguan Qunhan
Electronics Co., Ltd.

Connection Combinations of Power Connectors





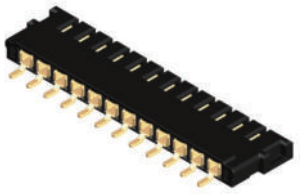


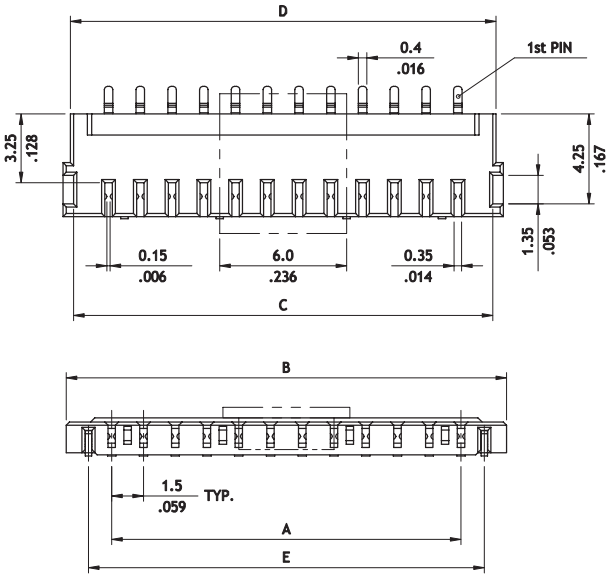
CP75 Series 1.50mm (.059) Board to Board Receptacle Connectors

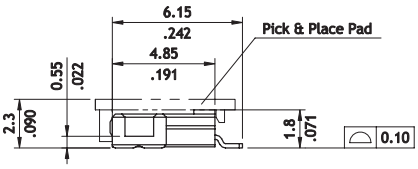
◎ Locking slots provide secure mating
◎ Fixed tabs provide PCB hold-down and strain-reliet for SMT tails
◎ Insulator:High Temperature plastic UL94V-0, Color Black
◎ Mate with CP75 plug connector

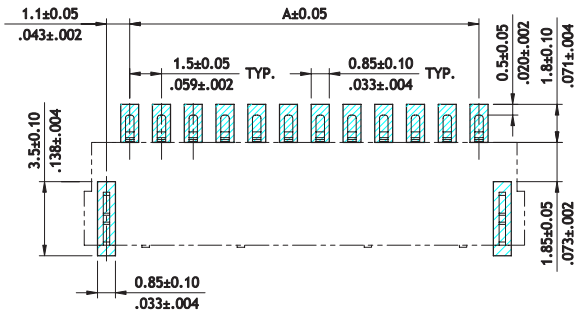
NEW

RoHS Compliant

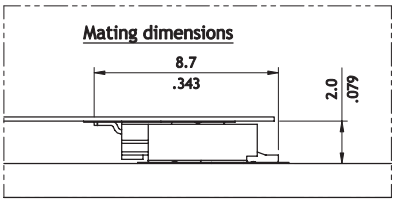








Recommended P.C. Board Layout



Circuits	Dimension				
	A	B	C	D	E
10	13.5(.531)	17.8(.701)	16.8(.661)	17.1(.673)	15.7(.618)
12	16.5(.650)	20.8(.819)	19.8(.780)	20.1(.791)	18.7(.736)

Ordering Code

①	②	③	④	⑤	⑥	⑦
CP75	10	M	E	S	R0	- NH

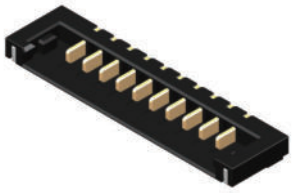
① Series No.
② No. of Circuits: 10, 12
③ M = SMT Type
④ Plating Code:
E = Contact: 10μ" Gold plated over Nickel
Soldertails: Gold flash plated over Nickel
G =Contact: 30μ" Gold plated over Nickel
Soldertails: Gold flash plated over Nickel
⑤ Type: S = Receptacle
⑥ Packing Option : R0 = Tape & Reel packing
⑦ NH= For Lead Free soldering process and Halogen-Free

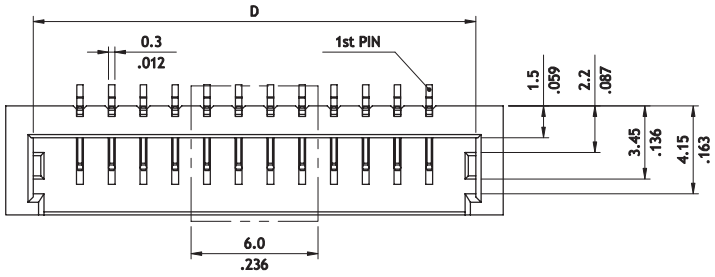
CP75 Series 1.50mm (.059) Board to Board Plug Connectors

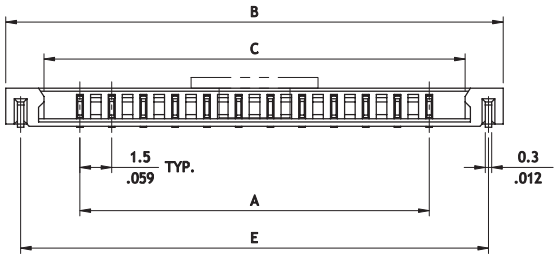
◎ Locking slots provide secure mating
◎ Fixed tabs provide PCB hold-down and strain-reliet for SMT tails
◎ Insulator:High Temperature plastic UL94V-0, Color Black
◎ Mate with CP75 receptacle connector

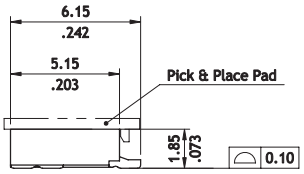
NEW

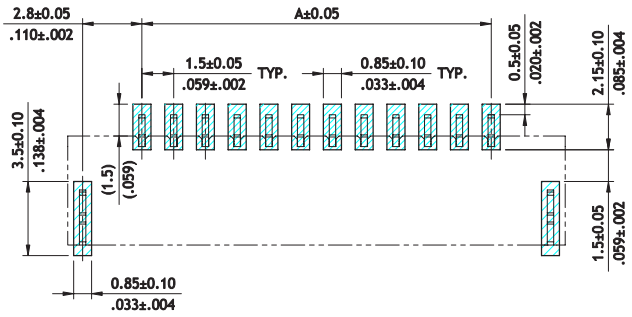
RoHS Compliant



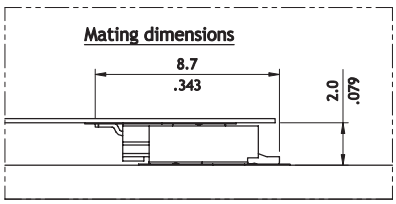








Recommended P.C. Board Layout



Circuits	Dimension				
	A	B	C	D	E
10	13.5(.531)	20.5(.807)	16.9(.665)	17.9(.705)	19.1(.752)
12	16.5(.650)	23.5(.925)	19.9(.783)	20.9(.823)	22.1(.870)

Ordering Code

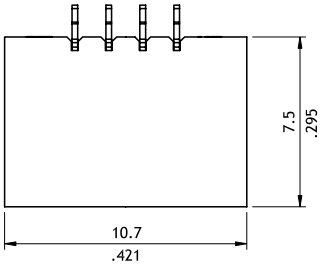
①	②	③	④	⑤	⑥	⑦
CP75	10	M	E	P	R0	- NH

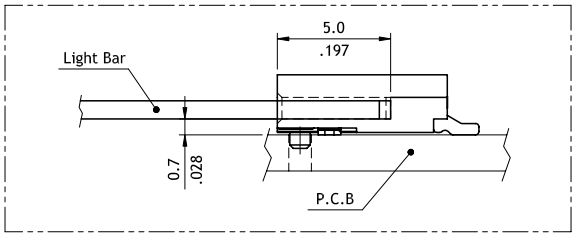
① Series No.
② No. of Circuits: 10, 12
③ M = SMT Type
④ Plating Code:
E = Contact: 10μ" Gold plated over Nickel
Soldertails: Gold flash plated over Nickel
G = Contact: 30μ" Gold plated over Nickel
Soldertails: Gold flash plated over Nickel
⑤ Type: P = Plug
⑥ Packing Option : R0 = Tape & Reel packing
⑦ NH= For Lead Free soldering process and Halogen-Free

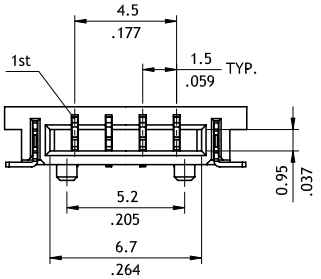
CP14 Series 1.50mm(.059") Single Row Side Entry SMT Headers

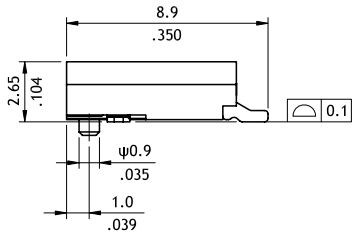
◎ Simplify manufacturing procedure
◎ Reduce the Cost
◎ FPC zero insertion force and high holding force
◎ Insulation: High temperature plastic UL 94V-0, Color Black
◎ With metal fixed tabs to secure connector in place

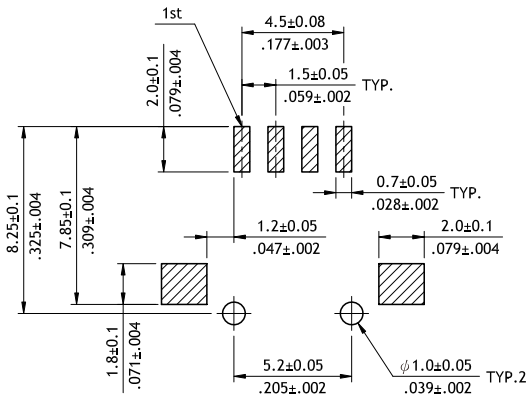
RoHS Compliant Pb HF



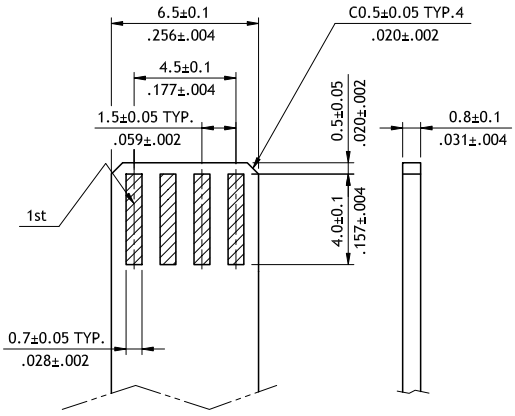








Recommended Connector PCB Layout



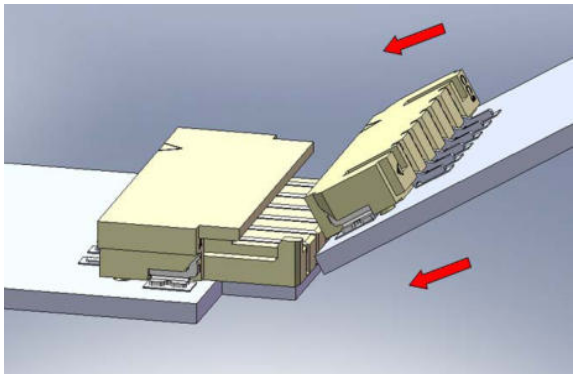
Recommended Light Bar PCB Layout

Ordering Code

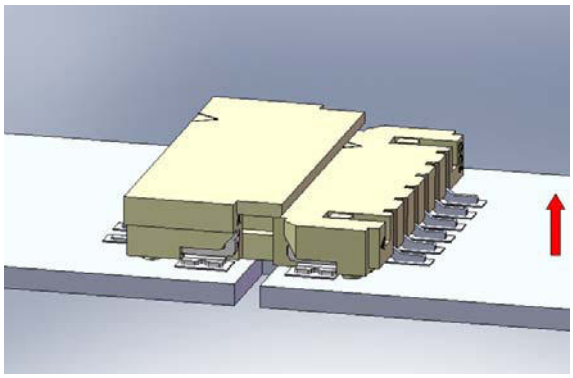
①	②	③	④	⑤	⑥	⑦	⑧
CP14	04	M	1	H	R	B	- NH

① Series No.
② No. of Circuits: 4
*Circuits not found above, please consult manufacturer
③ M = SMT Type
④ Plating Code : 1 = Matte Tin over Nickel
⑤ Type: H = Side Entry
⑥ Packing Options: R = Tape & Reel
⑦ Other Options: B = Upside Contact
⑧ NH = For Lead Free soldering process and Halogen-Free

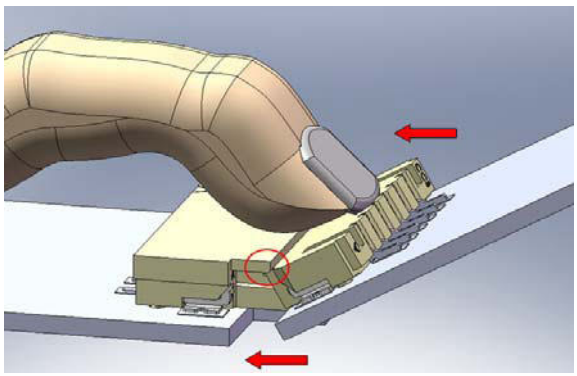
CP15 Series 1.50mm(.069") SMT Headers



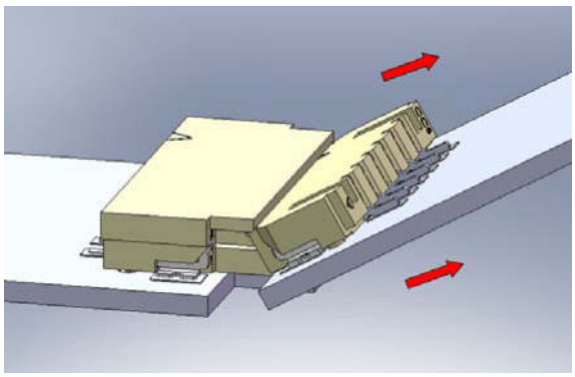
Step 1:
The male header should be
tilted during insertion.



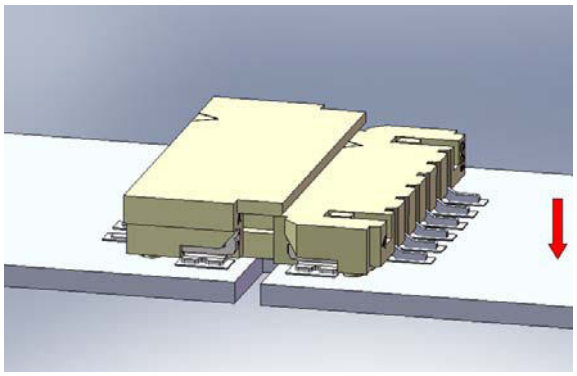
Step 1:
Lift the male header up
at 30°~60°.



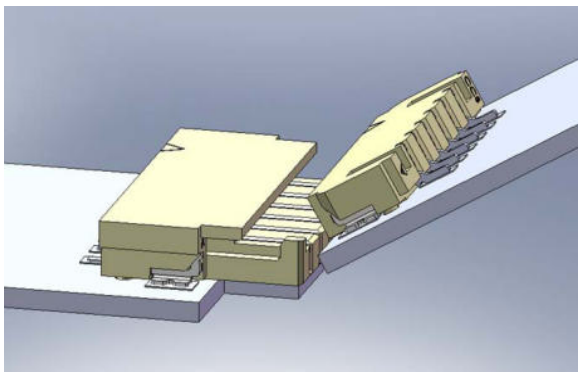
Step 2:
Push the male header to the end.
Make sure the male header is under
the rib of female header by finger.



Step 2:
Remove male header at
an angle to finish
the disconnection.



Step 3:
Press down the male header down
vertically to finish the connection.

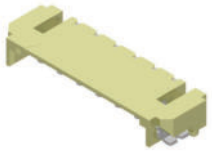


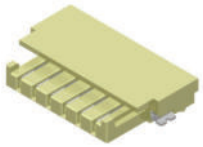
Step 3:
Finish

CP15 Series 1.50mm(.069") SMT Headers (Mating height 2.50mm)

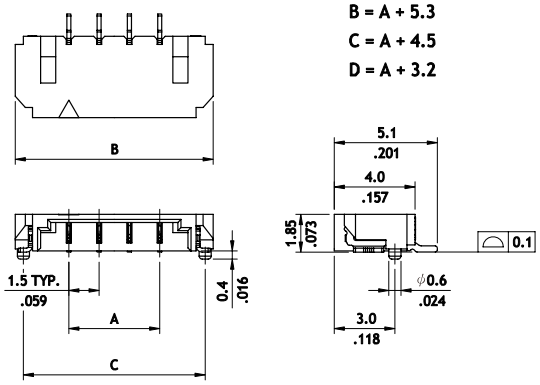
◎ Simplify manufacturing procedure
◎ Reduce the Cost
◎ Insulator: High temperature plastic UL 94V-0
◎ With metal fixed tabs to secure connector in place

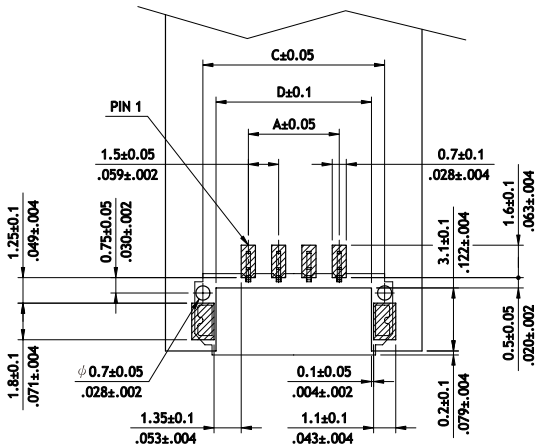
RoHS Compliant



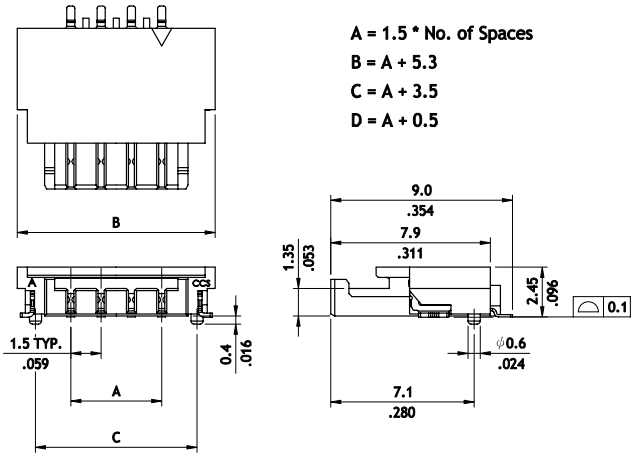


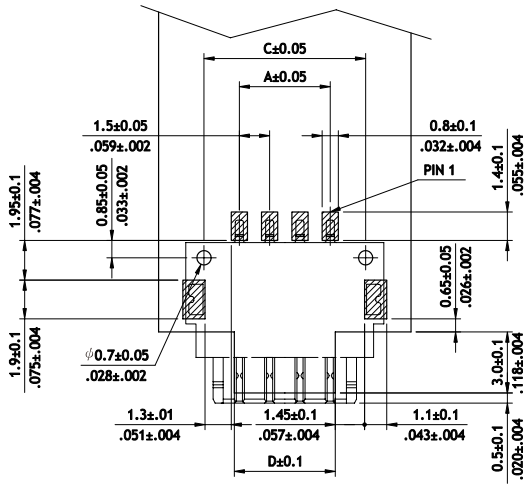
P/N CP15M1PR0-NH**





P/N CP15M1SR0-NH**





Ordering Code

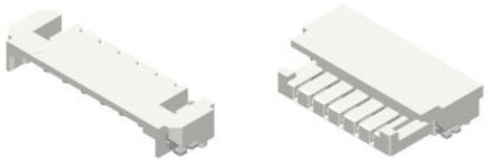
①	②	③	④	⑤	⑥	⑦		⑧
CP15	04	M	1	S	R	0	-	NH

① Series No.
② No. of Circuits: 02 ~ 05
(Available in 3, 4, 5pin)
*Circuits not found above, please consult manufacturer
③ M = SMT Type
④ Plating Code :
1 = Matte Tin over Nickel
⑤ Type: P = Plug
S = Receptacle
⑥ Packing Options:
R = Tape & Reel
⑦ Other Options:
0 = Standard (Full of pin)
1 = Omitted pin No.2 (3 pin)
*Special option consult manufacturer
⑧ NH = For Lead Free IR process and Halogen-Free

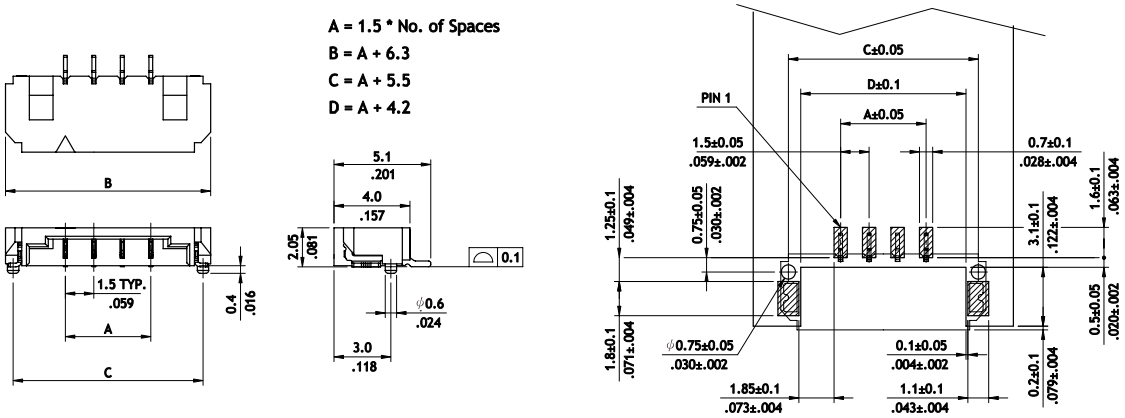
CP15 Series 1.50mm(.069") SMT Headers (Mating height 3.0mm)

◎ With taller height, width and enhanced structure
◎ Simplify manufacturing procedure
◎ Reduce the cost
◎ Insulator: High temperature plastic UL 94V-0
◎ With metal fixed tabs to secure connector in place

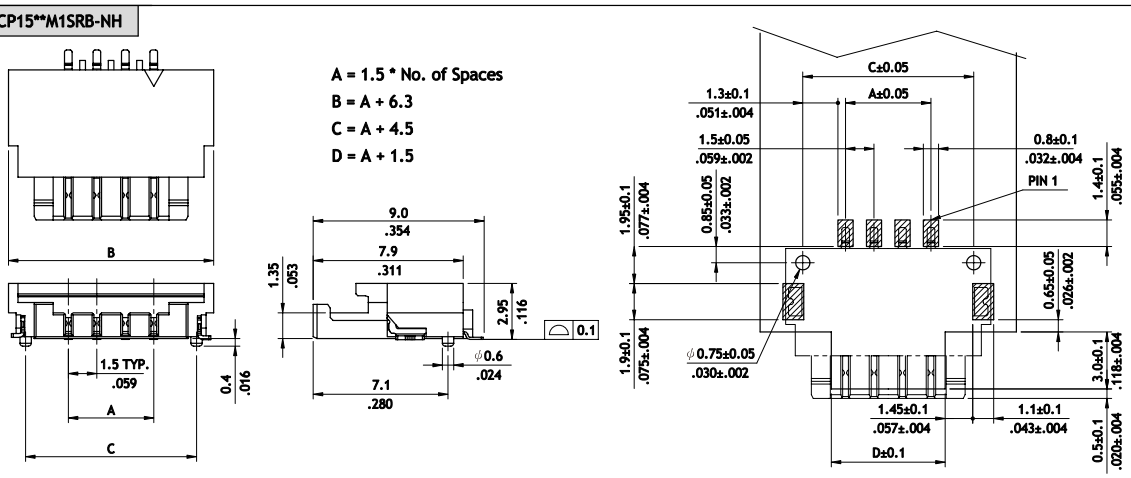
RoHS Compliant



P/N CP15**M1PRB-NH



P/N CP15**M1SRB-NH



Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧
CP15	04	M	1	S	R	B	- NH

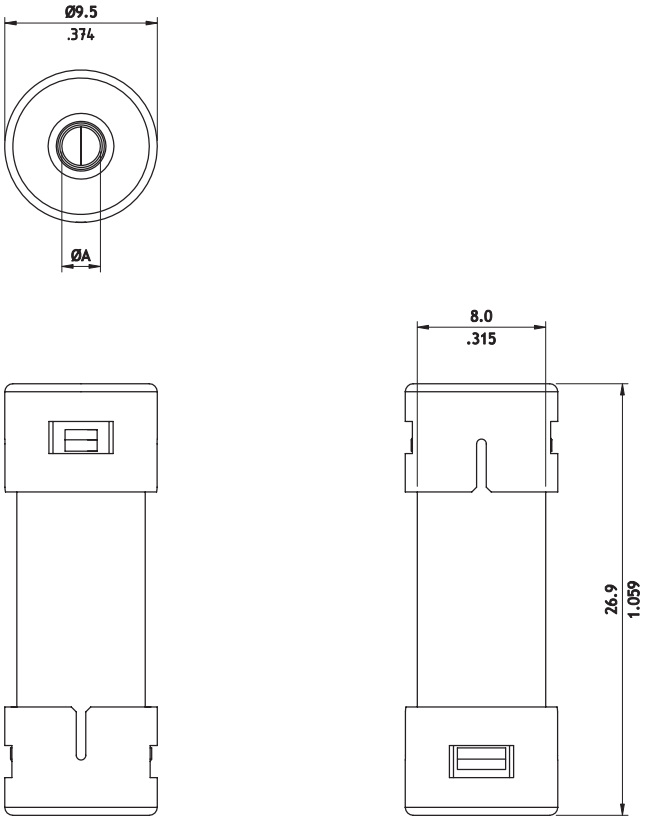
① Series No.
② No. of Circuits: 02 ~ 05(Available in 03, 04 pin)
*Circuits not found above , please consult manufacturer
③ M = SMT Type
④ Plating Code : 1 = Matte Tin over Nickel
⑤ Type: P = Plug S = Receptacle
⑥ Packing Options : R = Tape & Reel
⑦ Other Options:
A = Omitted pin No.2 (3 pin)
B = Standard (Full of pin)
*Special option consult manufacturer
⑧ NH = For Lead Free IR process and Halogen-Free

CPB1 Series Waterproof Connectors

◎ Insulator: Polycarbonate UL 94 V-2 Color Nature
◎ Contact : Copper Alloy
◎ According to IEC 60529 IPX7
◎ Wire to Wire connecting
◎ Maximum applied current 15A for AWG 14

NEW

RoHS Compliant



	DIM.A	Waterproof stopper color	Wire Range	Insulation Diameter	Single core wire Core Diameter	Multi-core wire Core Diameter
CPB101S1010-NH	1.70	Red	Awg18	2.00	1.02	1.20 max.
CPB101S1020-NH	2.00	Green	Awg16	2.25	1.29	1.35 max.
			Awg14	2.55	1.63	1.80 max.

Ordering Code

①	②	③	④	⑤	⑥	⑦
CPB1	01	S	1	01	0	- NH

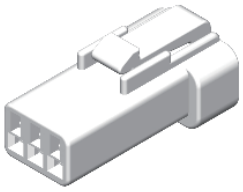
① Series No.
② No. of Circuits: 01
③ S = Housing
④ Plating Code : 1 = Tin over Nickel
⑤ DIM.A:
01= For Wire insulation O.D.=2.00mm
02= For Wire Insulation O.D.=2.25 and 2.55mm
⑥ Option : 0 = Standard
⑦ NH= For Lead Free soldering process and Halogen-Free

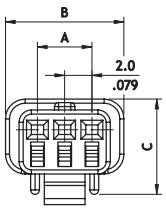
CPB2 Series 2.00mm (.079) Waterproof Connectors

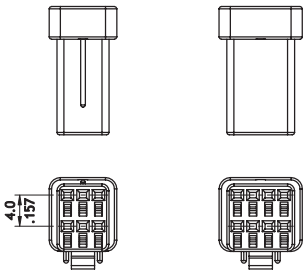
◎ Mate with CPB2 connector
◎ Can be used with CPB2 Crimp Clip Receptacle terminal
◎ Insulator : PBT UL94V-0, Nature Color
◎ According to IEC 60529 IPX7

NEW

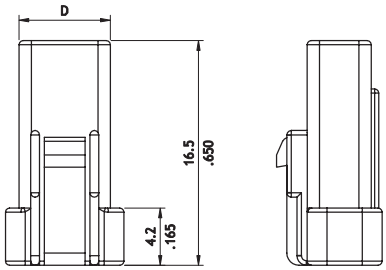
RoHS Compliant





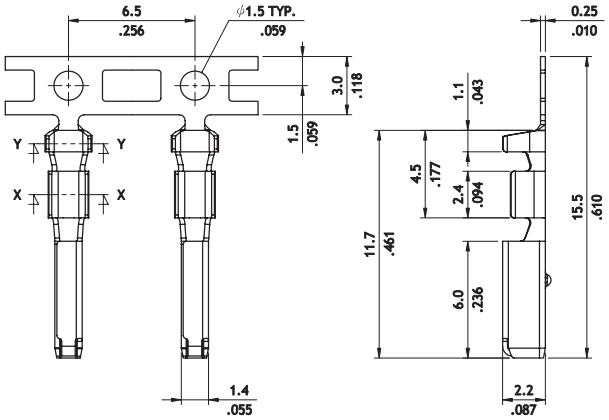


06 PIN 08 PIN

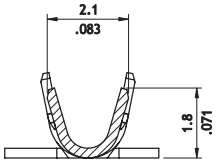


02~04 PIN

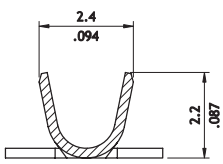
Circuits	Dimension			
	A	B	C	D
2	-	6.7(.264)	7.0(.276)	4.7(.185)
3	4.0(.157)	8.7(.343)	7.0(.276)	6.7(.264)
4	6.0(.236)	10.7(.421)	7.0(.276)	8.7(.343)
6	4.0(.157)	8.7(.343)	11.0(.433)	6.7(.264)
8	6.0(.236)	10.7(.421)	11.0(.433)	8.7(.343)



Wire Range	Insulation Diameter	Reel Q'ty
AWG #22~#26	1.4~1.7mm	10,000 PCS



SEC. X-X



SEC. Y-Y

Ordering Code

①	②	③	④	⑤	⑥
CPB 2	0 8	S	0	R	00

① Series No.
② No. of Circuits: 02 ,03 , 04 , 06 , 08
③ S = Receptacle
④ 0 = Single Row (2P, 3P, 4P only)
D = Dual Row (6P , 8P , only)
⑤ R=Rubber Seal
⑥ Other Options: 00= Standard

①	②	③	④	⑤
CPB 2	T 0 2	1	P	ES

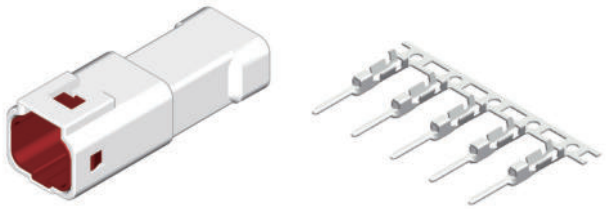
① Series No.
② Type:
T01 = AWG #22 ~ #26
③ Plating Code :
1 = Tin over Nickel
④ Material:
P = Phosphor Bronze
⑤ ES= Receptacle Terminal

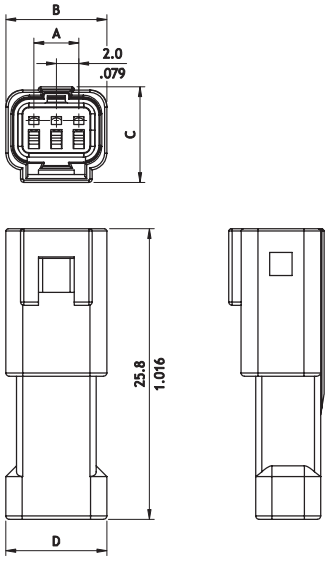
CPB2 Series 2.00mm (.079) Waterproof Connectors

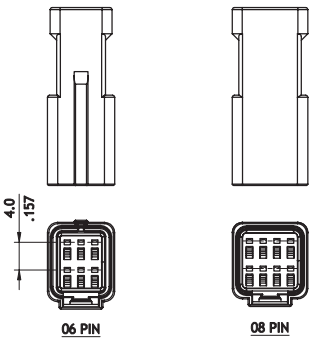
◎ Mate with CPB2 connector
◎ Can be used with CPB2 Crimp Clip Receptacle terminal
◎ Insulator : PBT UL94V-0, Nature Color
◎ According to IEC 60529 IPX7

RoHS Compliant

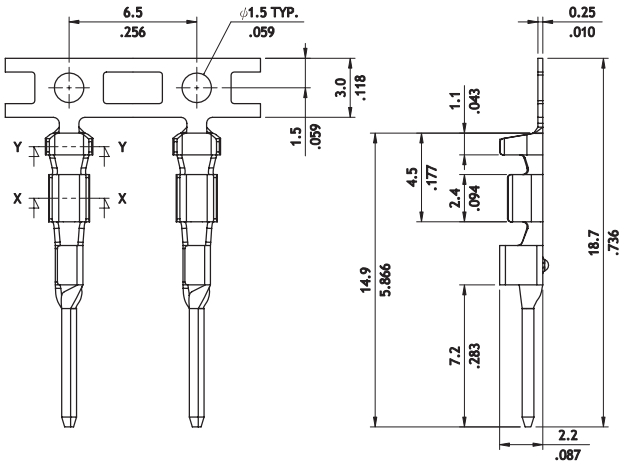
NEW



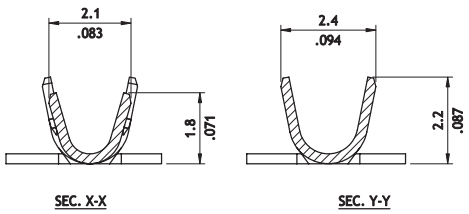




Circuits	Dimension			
	A	B	C	D
2	-	7.0(.276)	8.2(.323)	7.0(.276)
3	4.0(.157)	9.0(.354)	8.5(.335)	9.0(.354)
4	6.0(.236)	11.0(.433)	8.5(.335)	11.0(.433)
6	4.0(.157)	9.8(.386)	12.9(.508)	9.0(.354)
8	6.0(.236)	11.0(.433)	12.2(.480)	11.0(.433)



Wire Range	Insulation Diameter	Reel Q'ty
AWG #22~#26	1.4~1.7mm	10,000 PCS



Ordering Code

①	②	③	④	⑤	⑥
CPB 2	0 8	P	0	R	00

① Series No.
② No. of Circuits: 02 ,03 , 04 , 06 , 08
③ P = Plug Housing
④ 0 = Single Row (2P, 3P, 4P only)
D = Dual Row (6P , 8P , only)
⑤ R=Rubber Seal
⑥ Other Options: 00= Standard

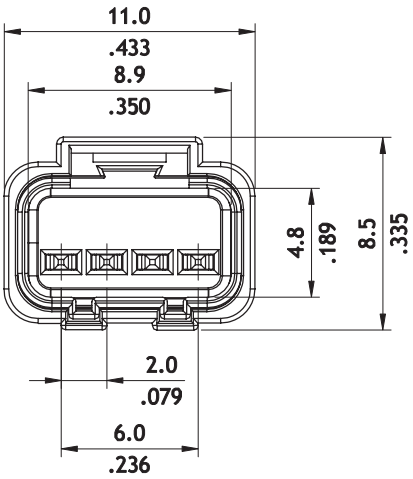
①	②	③	④	⑤
CP B 2	T 0 2	1	B	P

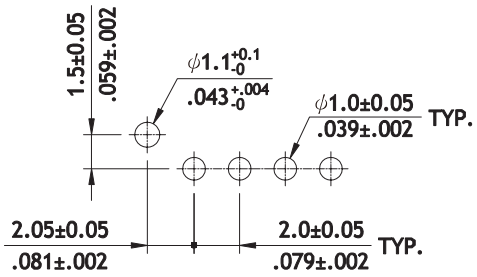
① Series No.
② Type: T01 = AWG #22 ~ #26
③ Plating Code :
1 = Tin over Nickel
④ Material : B = Brass
⑤ PP= Plug Terminal

CPB2 Series 2.00mm (.079) Waterproof Connectors

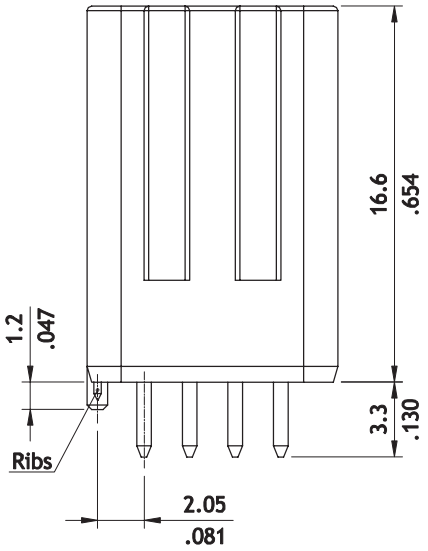
◎ Mate with CPB2 connector
◎ Can be used with CPB2 Crimp Clip Receptacle terminal
◎ Insulator : PBT UL94V-0, Nature Color
◎ According to IEC 60529 IPX7

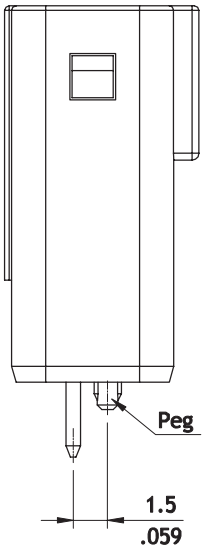
NEW





Recommended P.C. Board Layout





Ordering Code

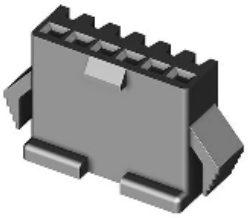
①	②	③	④	⑤	⑥	⑦	⑧
CPB2	04	S	1	V	0	A	- NH

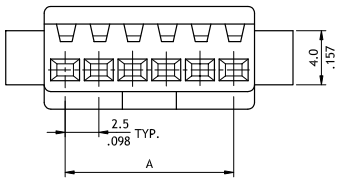
① Series No.
② No. of Circuits: 04
③ S = Single Row
④ Plating Code : 1 = Tin over Nickel
⑤ V = Straight
⑥ 0 = DIP Type
⑦ Other Option :
0 = The Peg With Ribs (Standard)
A = Ther Peg Without Ribs
⑧ NH= For Lead Free soldering process and Halogen-Free

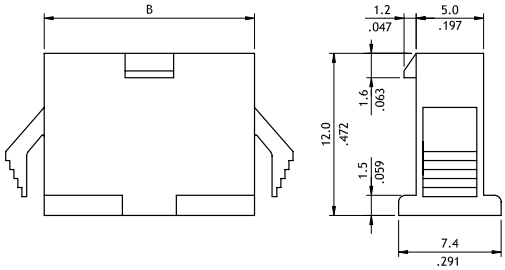
CP06 Series 2.50mm(.098") Receptacle Connectors

◎ With locking latch mounting ears
◎ Available in 2 through 12 circuits
◎ Can be used with CP06 Crimp terminal
◎ Nylon 66 UL 94V-2, Color Black

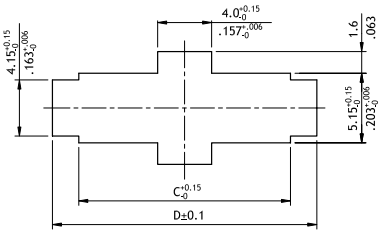
RoHS Compliant

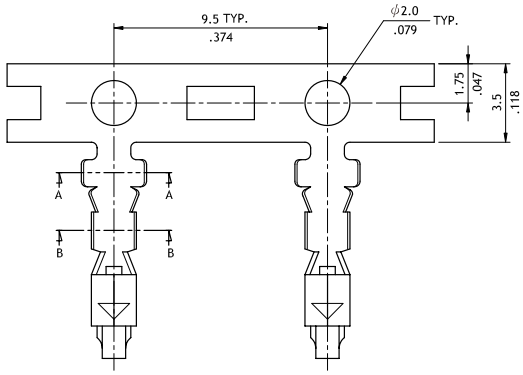


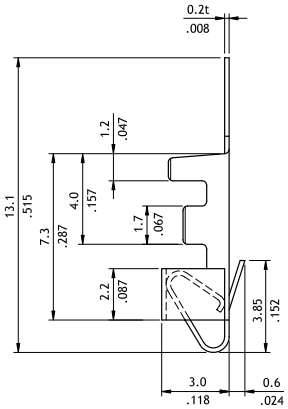




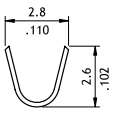
Circuits	Dimension			Dimension D		
	A	B	C	t= 0.5~0.9mm	t= 1.0~1.5mm	t= 1.5~2.0mm
2	2.5(.098)	5.7(.224)	5.8(.228)	9.6(.378)	9.8(.386)	10.0(.394)
3	5.0(.197)	8.2(.323)	8.3(.327)	12.1(.476)	12.3(.484)	12.5(.492)
4	7.5(.295)	10.7(.421)	10.8(.425)	14.6(.575)	14.8(.583)	15.0(.591)
5	10.0(.394)	13.2(.519)	13.3(.524)	17.1(.673)	17.3(.681)	17.5(.689)
6	12.5(.492)	15.7(.618)	15.8(.622)	19.6(.772)	19.8(.780)	20.0(.787)
7	15.0(.591)	18.2(.717)	18.3(.720)	22.1(.870)	22.3(.878)	22.5(.886)
8	17.5(.689)	20.7(.815)	20.8(.819)	24.6(969)	24.8(.976)	25.0(.984)
9	20.0(.787)	23.2(.913)	23.3(.917)	27.1(1.067)	27.3(1.075)	27.5(1.083)
10	22.5(.886)	25.7(1.021)	25.8(1.016)	29.6(1.165)	29.8(1.173)	30.0(1.181)
11	25.0(.984)	28.2(.1110)	28.3(1.114)	32.1(1.264)	32.3(1.272)	32.5(1.280)
12	27.5(1.083)	30.7(1.209)	30.8(1.213)	34.6(1.362)	34.8(1.370)	35.0(1.378)



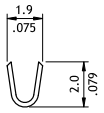




Wire Range	Insulation Diameter	Reel Q'ty
AWG #22~#28	1.70 (.064) MAX.	7,000 PCS.



SEC.: A-A



SEC.: B-B

Ordering Code

①	②	③	④	⑤
CP06	12	S	001	0

① Series No.
② No. of Circuits: 02 ~ 12
③ Type: S = Receptacle
④ Color: 001 = Color Black
⑤ Other Options: 0 = Standard
*Special options consult manufacturer

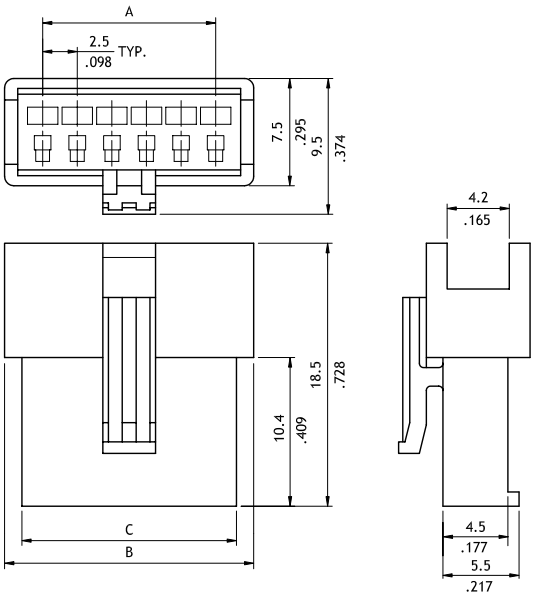
①	②	③	④	⑤
CP06	T02	1	B	ES

① Series No.
② Wire Range: T02 = AWG #22 ~ #28
③ Plating Code : 1 = Tin over Nickel
④ Material: B = Brass
⑤ Style: ES = Receptacle Terminal

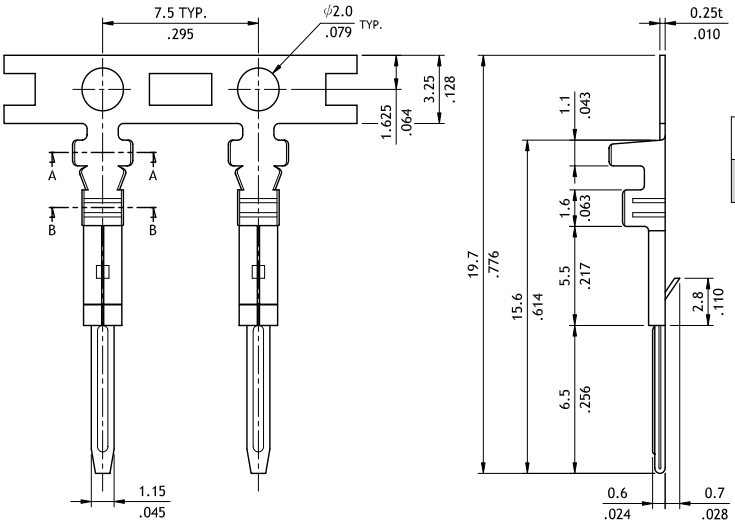
CP06 Series 2.50mm(.098") Plug Connectors

◎ With locking latch mounting ears
◎ Available in 2 through 12 circuits
◎ Can be used with CP06 Crimp terminal
◎ Nylon 66 UL 94V-2, Color Black

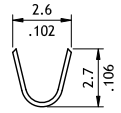
RoHS Compliant



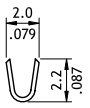
Circuits	Dimension		
	A	B	C
2	2.5(.098)	8.2(.323)	5.5(.216)
3	5.0(.197)	10.7(.421)	8.0(.315)
4	7.5(.295)	13.2(.519)	10.5(.413)
5	10.0(.394)	15.7(.618)	13.0(.512)
6	12.5(.492)	18.2(.717)	15.5(.610)
7	15.0(.591)	20.7(.815)	18.0(.709)
8	17.5(.689)	23.2(.915)	20.5(.807)
9	20.0(.787)	25.7(1.012)	23.0(.905)
10	22.5(.886)	28.2(1.110)	25.5(1.004)
11	25.0(.984)	30.7(1.209)	28.0(1.102)
12	27.5(1.083)	33.2(1.307)	30.5(1.201)



Wire Range	Insulation Diameter	Reel Q'ty
AWG #22~#28	1.70 (.067) MAX.	7000 PCS.



SEC.: A-A



SEC.: B-B

Ordering Code

① CP06 ② 12 ③ P ④ 001 ⑤ 0

① Series No.
② No. of Circuits: 02 ~ 12
③ Type: P = Plug
④ Color: 001 = Color Black
⑤ Other Options: 0 = Standard
*Special options consult manufacturer

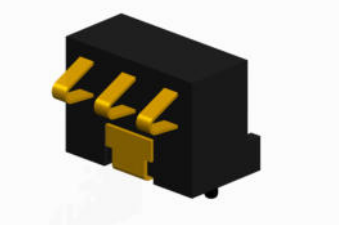
① CP06 ② T02 ③ 1 ④ B ⑤ EP

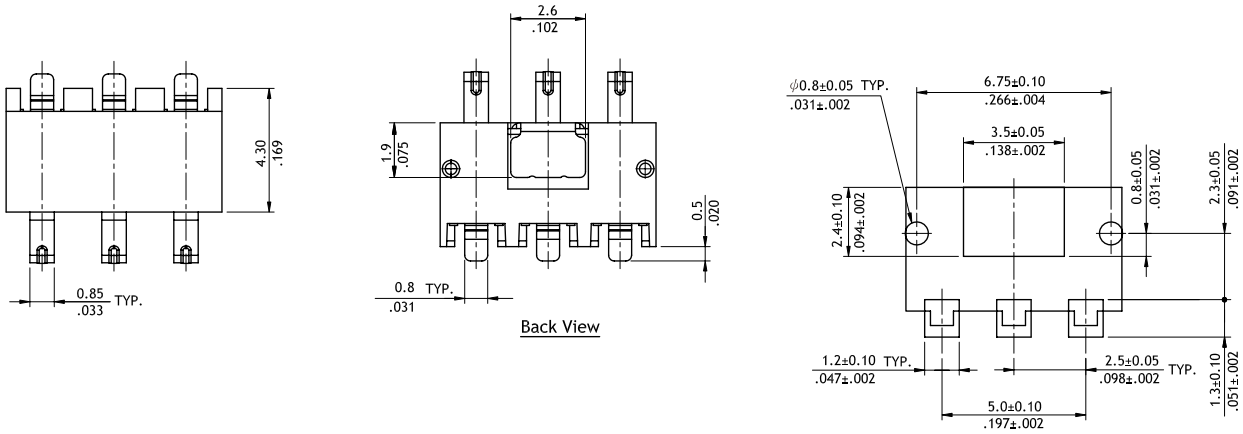
① Series No.
② Wire Range: T02 = AWG #22 ~ #28
③ Plating Code: 1 = Tin over Nickel
④ Material: B = Brass
⑤ Style: EP = Plug Terminal

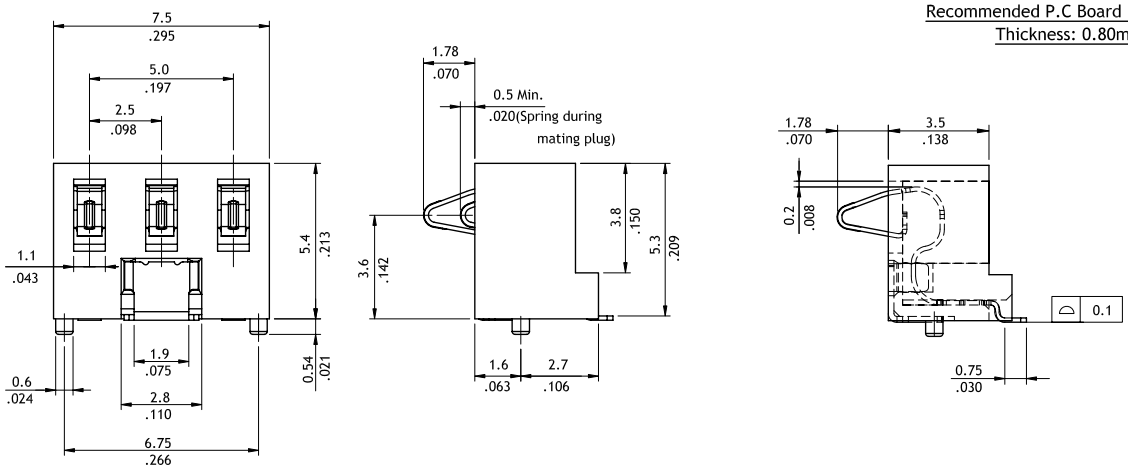
CP25 Series 2.50mm(.098") Receptacle Battery Connectors

◎ Insulator:High Temperature plastic UL94V-0, Color Black

RoHS Compliant







Ordering Code

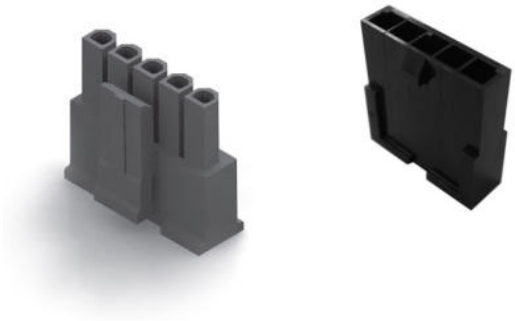
①	②	③	④	⑤	⑥	⑦
CP25	03	S	2	M	R	B

① Series No.
② No. of Circuits: 3
③ S = Receptacle
④ Plating Code : 2 = Gold flash over Nickel
⑤ Type: M = SMT Type
⑥ Packing option: R= Tape & Reel
⑦ Other Options: B: Height = 5.4mm

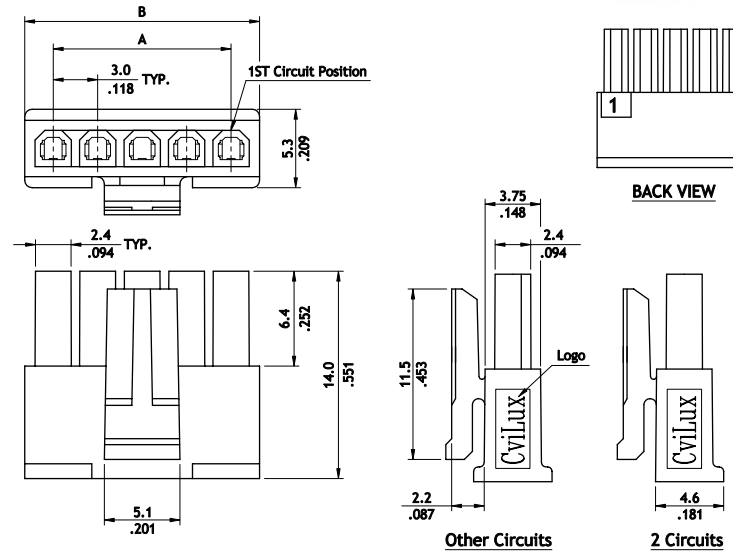
CP35 Series 3.00mm(.118") Single Row Housing Connectors

◎ With locking latch and mounting ears
◎ Available in 2 through 12 circuits
◎ Can be used with CP35 Crimp terminal
◎ Thermal Polyester UL 94V-0, Color Black

RoHS Compliant

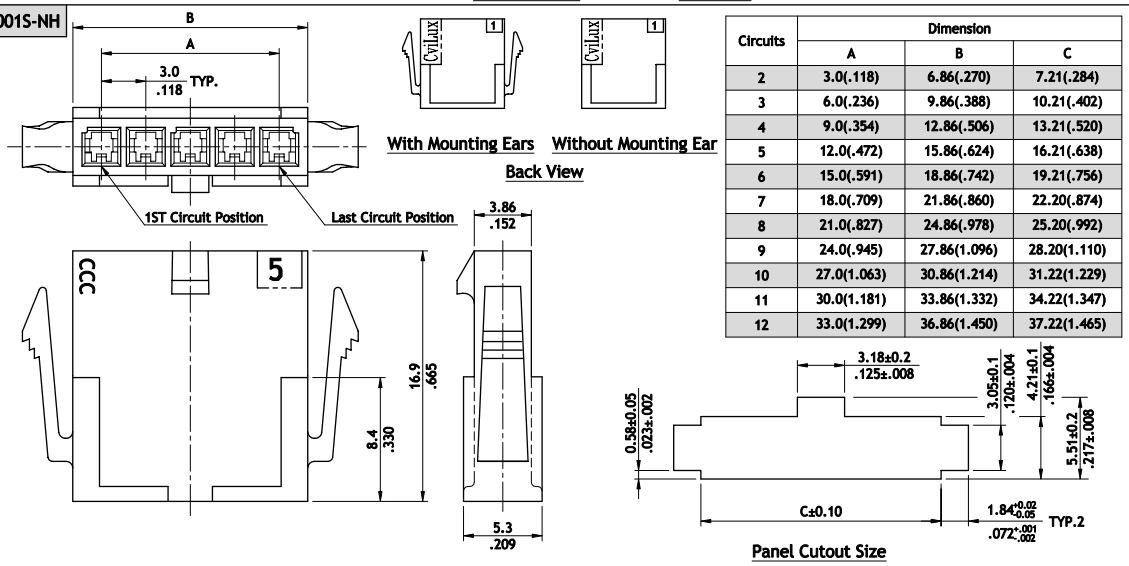


P/N CP35S001S-NH**



Circuits	Dimension	
	A	B
2	3.0(.118)	6.9(.272)
3	6.0(.236)	9.9(.390)
4	9.0(.354)	12.9(.508)
5	12.0(.472)	15.9(.626)
6	15.0(.591)	18.9(.744)
7	18.0(.709)	21.9(.862)
8	21.0(.827)	24.9(.980)
9	24.0(.945)	27.9(1.098)
10	27.0(1.063)	30.9(1.217)
11	30.0(1.181)	33.9(1.335)
12	33.0(1.299)	36.9(1.453)

P/N CP35P001S-NH**



Circuits	Dimension		
	A	B	C
2	3.0(.118)	6.86(.270)	7.21(.284)
3	6.0(.236)	9.86(.388)	10.21(.402)
4	9.0(.354)	12.86(.506)	13.21(.520)
5	12.0(.472)	15.86(.624)	16.21(.638)
6	15.0(.591)	18.86(.742)	19.21(.756)
7	18.0(.709)	21.86(.860)	22.20(.874)
8	21.0(.827)	24.86(.978)	25.20(.992)
9	24.0(.945)	27.86(1.096)	28.20(1.110)
10	27.0(1.063)	30.86(1.214)	31.22(1.229)
11	30.0(1.181)	33.86(1.332)	34.22(1.347)
12	33.0(1.299)	36.86(1.450)	37.22(1.465)

Ordering Code

①	②	③	④	⑤	⑥
CP35	12	S	001	S	- NH

① Series No.
② No. of Circuits: 02 ~ 12
③ Type: S = Receptacle
④ Color: 001 = Color Black
⑤ Other Options: S = Single Row Type
⑥ NH = For Lead Free soldering process and Halogen-Free

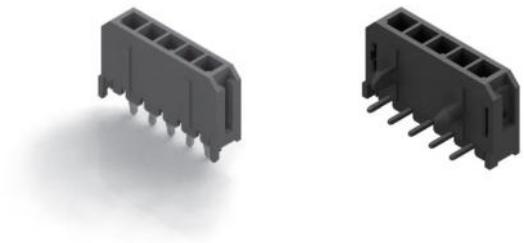
①	②	③	④	⑤	⑥	⑦
CP35	12	P	0	01	S	- NH

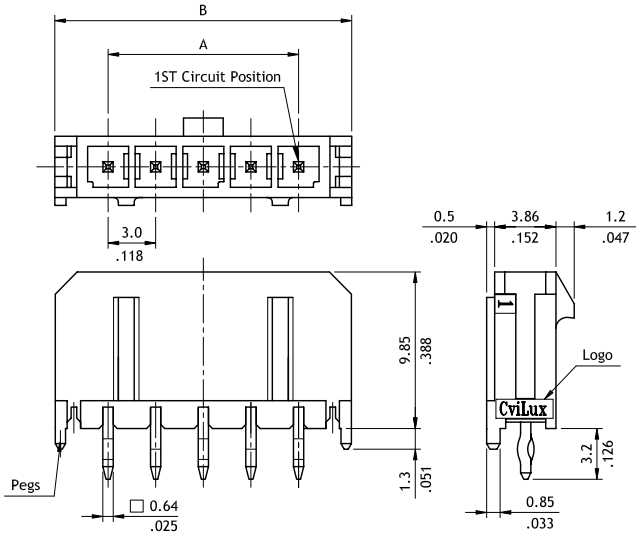
① Series No.
② No. of Circuits: 02 ~ 12
③ Type: P = Plug
④ Options:
0 = With mounting ears
R = Without mounting ears
⑤ Color: 01 = Color Black
⑥ Other Options : S = Single Row Type
⑦ NH = For Lead Free soldering process and Halogen-Free

CP35 Series 3.00mm(.118") Single Row Board Mount Headers

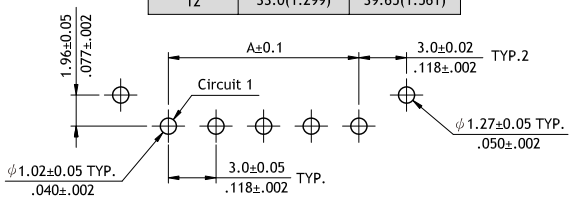
◎ Mates with CP35 Connector
◎ Shrouded header with PCB mounting pegs or board locks
◎ Available straight and right angle solder Tails

RoHS Compliant

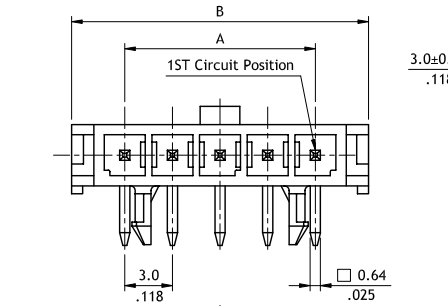


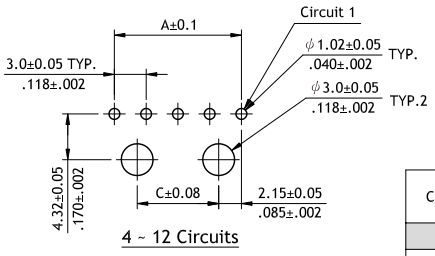


Circuits	Dimension	
	A	B
2	3.0(.118)	9.65(.380)
3	6.0(.236)	12.65(.498)
4	9.0(.354)	15.65(.616)
5	12.0(.472)	18.65(.734)
6	15.0(.591)	21.65(.852)
7	18.0(.709)	24.65(.970)
8	21.0(.827)	27.65(1.089)
9	24.0(.945)	30.65(1.207)
10	27.0(1.063)	33.65(1.325)
11	30.0(1.181)	36.65(1.443)
12	33.0(1.299)	39.65(1.561)

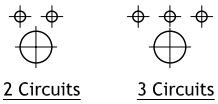


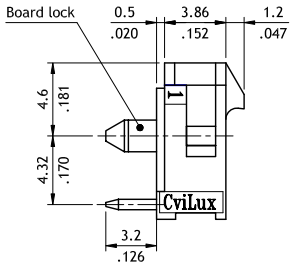
Recommended P.C. Board layout





4 ~ 12 Circuits





Circuits	Dimension		
	A	B	C
2	3.0(.118)	9.65(.380)	—
3	6.0(.236)	12.65(.498)	—
4	9.0(.354)	15.65(.616)	4.7(.185)
5	12.0(.472)	18.65(.734)	7.7(.303)
6	15.0(.591)	21.65(.852)	10.7(.421)
7	18.0(.709)	24.65(.970)	13.7(.539)
8	21.0(.827)	27.65(1.089)	16.7(.657)
9	24.0(.945)	30.65(1.207)	19.7(.776)
10	27.0(1.063)	33.65(1.325)	22.7(.894)
11	30.0(1.181)	36.65(1.443)	25.7(1.012)
12	33.0(1.299)	39.65(1.561)	28.7(1.130)

Ordering Code

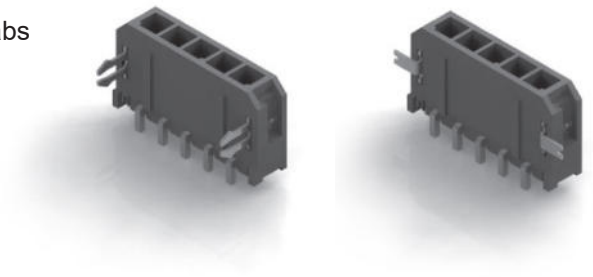
①	②	③	④	⑤	⑥	⑦		⑧		⑨
CP35	12	P	1	V	0	0	-	S	-	NH

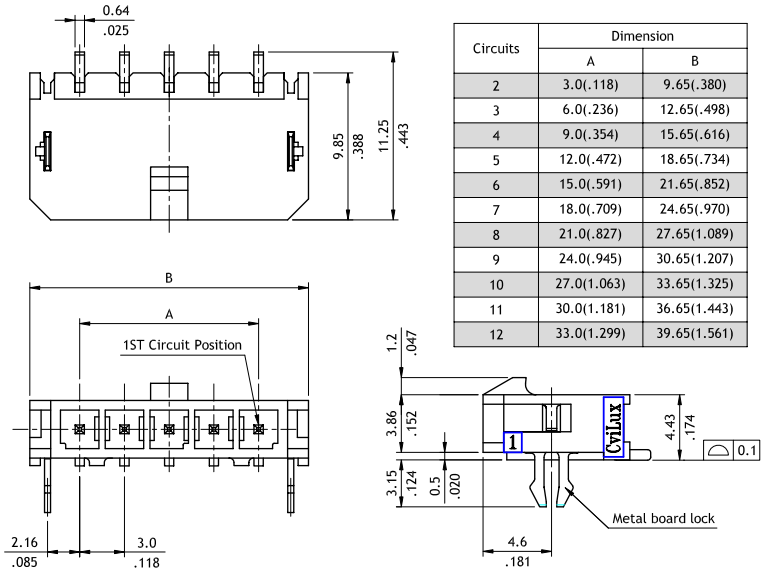
① Series No.
② No. of Circuits: 02 ~12
③ P = Plug
④ Plating Code : 1 = Matte Tin over Nickel
*Optional plating available but MOQ requested
⑤ Contact Type : V = Straight , H = Right Angle
⑥ Mount Type : 0 = DIP Type
⑦ Other Options:
0 = With pegs (Straight)
0 = With plastic board lock (Right Angle)
⑧ S= Single Row Header
⑨ NH = For Lead Free soldering process and Halogen-Free

CP35 Series 3.00mm(.118") Single Row Side Entry SMT Headers

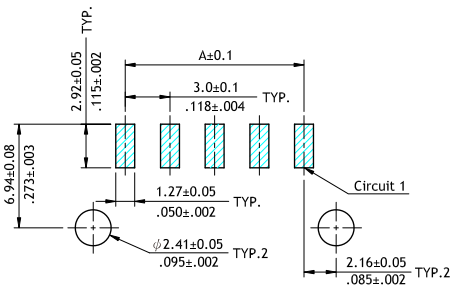
◎ Mates with CP35 Connector
◎ Shrouded header with PCB board locks or fixed tabs
◎ High temperature plastic for SMT process

RoHS Compliant

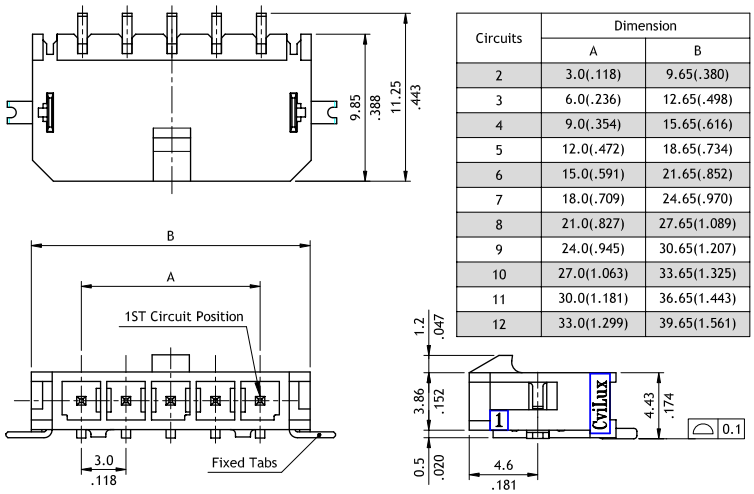




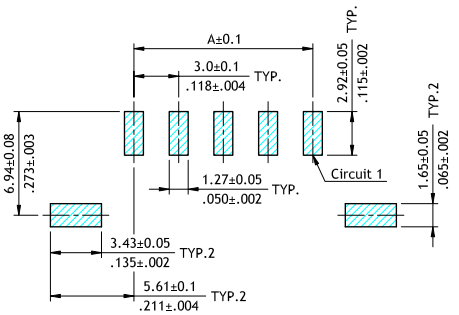
Circuits	Dimension	
	A	B
2	3.0(.118)	9.65(.380)
3	6.0(.236)	12.65(.498)
4	9.0(.354)	15.65(.616)
5	12.0(.472)	18.65(.734)
6	15.0(.591)	21.65(.852)
7	18.0(.709)	24.65(.970)
8	21.0(.827)	27.65(1.089)
9	24.0(.945)	30.65(1.207)
10	27.0(1.063)	33.65(1.325)
11	30.0(1.181)	36.65(1.443)
12	33.0(1.299)	39.65(1.561)



Recommended P.C. Board Layout



Circuits	Dimension	
	A	B
2	3.0(.118)	9.65(.380)
3	6.0(.236)	12.65(.498)
4	9.0(.354)	15.65(.616)
5	12.0(.472)	18.65(.734)
6	15.0(.591)	21.65(.852)
7	18.0(.709)	24.65(.970)
8	21.0(.827)	27.65(1.089)
9	24.0(.945)	30.65(1.207)
10	27.0(1.063)	33.65(1.325)
11	30.0(1.181)	36.65(1.443)
12	33.0(1.299)	39.65(1.561)



Recommended P.C. Board Layout

Ordering Code

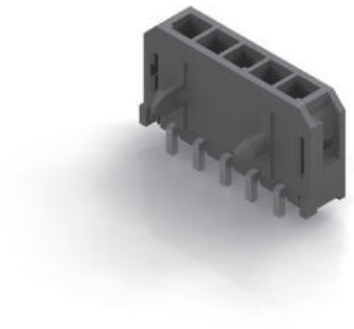
①	②	③	④	⑤	⑥	⑦	⑧	⑨
CP35	12	P	1	H	S	0	- S	- NH

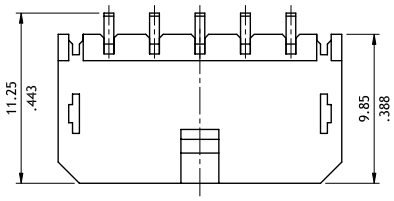
① Series No.
② No. of Circuits: 02 ~12
③ P = Plug
④ Plating Code : 1 = Matte Tin over Nickel
⑤ Contact Type: H = Side Entry
⑥ Mount Type: S = SMT Type
⑦ Other Options:
0 = With Metal board lock
T = With Fixed Tabs (Available for Tape & Reel)
⑧ S= Single Row Header
⑨ NH = For Lead Free soldering process and Halogen-Free

CP35 Series 3.00mm(.118") Single Row Side Entry SMT Headers

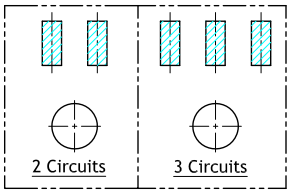
◎ Mates with CP35 Connector
◎ Shrouded header with board locks
◎ High temperature plastic for SMT process

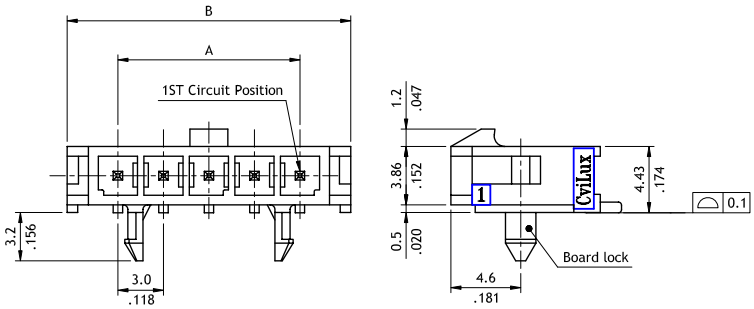
RoHS Compliant

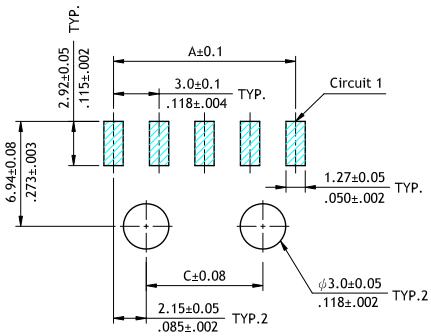




Circuits	Dimension		
	A	B	C
2	3.0(.118)	9.65(.380)	—
3	6.0(.236)	12.65(.498)	—
4	9.0(.354)	15.65(.616)	4.7(.185)
5	12.0(.472)	18.65(.734)	7.7(.303)
6	15.0(.591)	21.65(.852)	10.7(.421)
7	18.0(.709)	24.65(.970)	13.7(.539)
8	21.0(.827)	27.65(1.089)	16.7(.657)
9	24.0(.945)	30.65(1.207)	19.7(.776)
10	27.0(1.063)	33.65(1.325)	22.7(.894)
11	30.0(1.181)	36.65(1.443)	25.7(1.012)
12	33.0(1.299)	39.65(1.561)	28.7(1.130)







Recommended P.C. Board Layout

Ordering Code

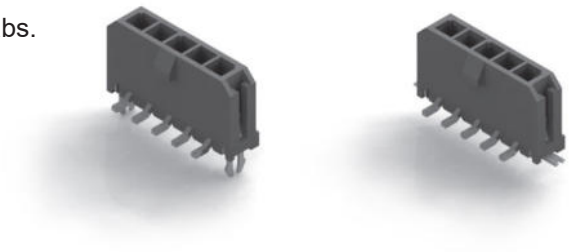
①	②	③	④	⑤	⑥	⑦	⑧	⑨
CP35	12	P	1	H	S	P	- S	- NH

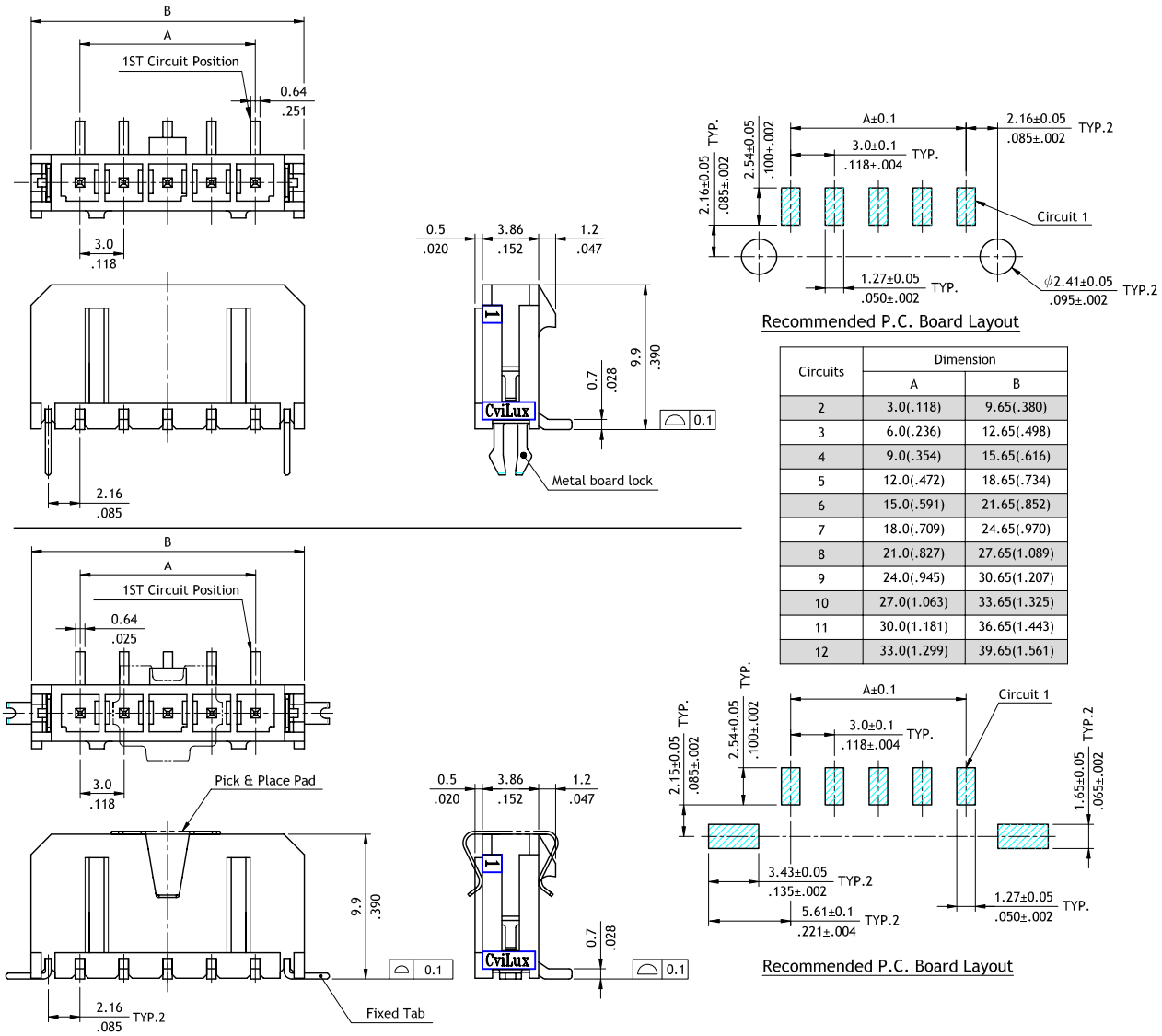
① Series No.
② No. of Circuits: 02 ~12
③ P = Plug
④ Plating Code : 1 = Matte Tin over Nickel
⑤ Contact Type: H = Side Entry
⑥ Mount Type: S = SMT Type
⑦ Other Options:
P = With plastic board lock
⑧ S= Single Row Header
⑨ NH = For Lead Free soldering process and Halogen-Free

CP35 Series 3.00mm(.118") Single Row Top Entry SMT Headers

◎ Mates with CP35 Connector
◎ Shrouded header with board locks or fixed tabs.
◎ With metal pick and place Pad
◎ High temperature plastic for SMT process

RoHS Compliant





Circuits	Dimension	
	A	B
2	3.0(.118)	9.65(.380)
3	6.0(.236)	12.65(.498)
4	9.0(.354)	15.65(.616)
5	12.0(.472)	18.65(.734)
6	15.0(.591)	21.65(.852)
7	18.0(.709)	24.65(.970)
8	21.0(.827)	27.65(1.089)
9	24.0(.945)	30.65(1.207)
10	27.0(1.063)	33.65(1.325)
11	30.0(1.181)	36.65(1.443)
12	33.0(1.299)	39.65(1.561)

Ordering Code

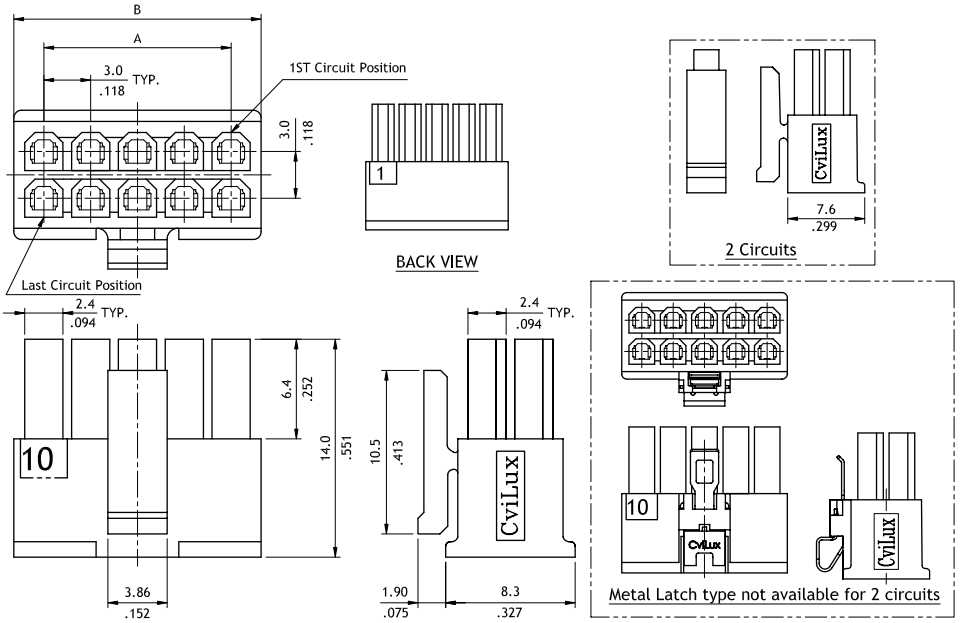
①	②	③	④	⑤	⑥	⑦	⑧	⑨
CP35	12	P	1	V	S	0	- S	- NH

① Series No.
② No. of Circuits: 02 ~12
③ P = Plug
④ Plating Code : 1 = Matte Tin over Nickel
⑤ Contact Type: V = Top Entry
⑥ Mount Type: S = SMT Type
⑦ Other Options:
0 = With Metal board locks
T = With Fixed Tabs (Available for Tape & Reel)
⑧ S= Single Row Header
⑨ NH = For Lead Free soldering process and Halogen-Free

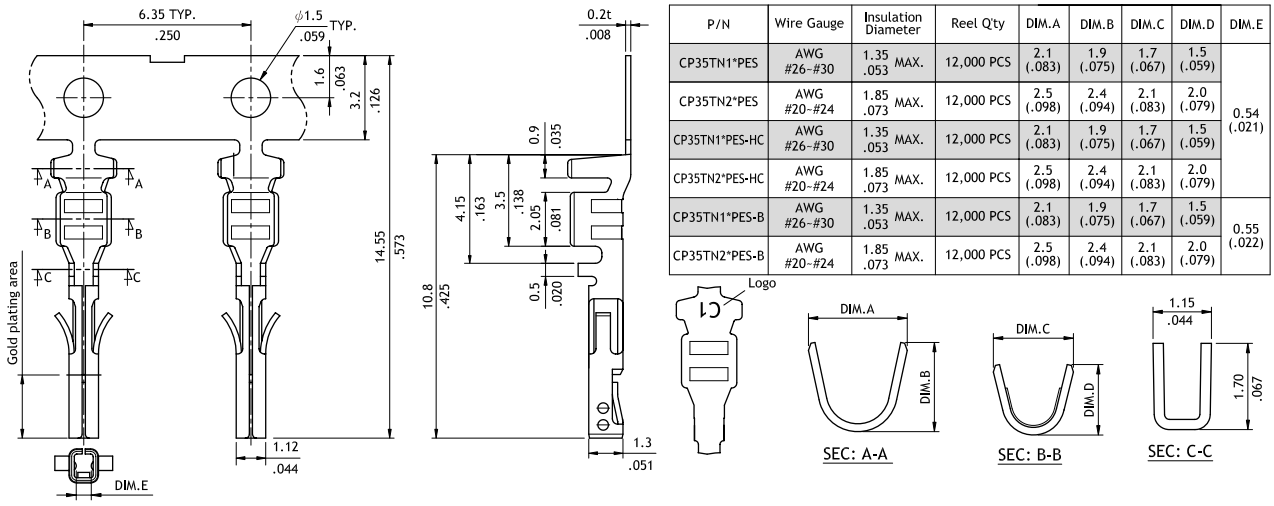
CP35 Series 3.00mm(.118") Dual Row Receptacle Connectors

◎ With locking latch
◎ Available in 2 through 24 circuits
◎ Can be used with CP35 Crimp Terminal
◎ Terminal accommodated AWG #20 ~ #30

RoHS Compliant



Circuits	Dimension	
	A	B
2	—	3.9(.154)
4	3.0(.118)	6.9(.272)
6	6.0(.236)	9.9(.390)
8	9.0(.354)	12.9(.508)
10	12.0(.472)	15.9(.626)
12	15.0(.591)	18.9(.744)
14	18.0(.709)	21.9(.862)
16	21.0(.827)	24.9(.980)
18	24.0(.945)	27.9(1.098)
20	27.0(1.063)	30.9(1.217)
22	30.0(1.181)	33.9(1.335)
24	33.0(1.299)	36.9(1.453)



P/N	Wire Gauge	Insulation Diameter	Reel Q'ty	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E
CP35TN1*PES	AWG #26-#30	1.35 .053 MAX.	12,000 PCS	2.1 (.083)	1.9 (.075)	1.7 (.067)	1.5 (.059)	0.54 (.021)
CP35TN2*PES	AWG #20-#24	1.85 .073 MAX.	12,000 PCS	2.5 (.098)	2.4 (.094)	2.1 (.083)	2.0 (.079)	
CP35TN1*PES-HC	AWG #26-#30	1.35 .053 MAX.	12,000 PCS	2.1 (.083)	1.9 (.075)	1.7 (.067)	1.5 (.059)	
CP35TN2*PES-HC	AWG #20-#24	1.85 .073 MAX.	12,000 PCS	2.5 (.098)	2.4 (.094)	2.1 (.083)	2.0 (.079)	
CP35TN1*PES-B	AWG #26-#30	1.35 .053 MAX.	12,000 PCS	2.1 (.083)	1.9 (.075)	1.7 (.067)	1.5 (.059)	0.55 (.022)
CP35TN2*PES-B	AWG #20-#24	1.85 .073 MAX.	12,000 PCS	2.5 (.098)	2.4 (.094)	2.1 (.083)	2.0 (.079)	

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦

CP35 | 24 | S | 00 | 1 | 0 | NH

① Series No.
② No. of Circuits: 02 ~ 24
③ S = Receptacle
④ Type : 00 = Standard,
ML = Metal Latch Type
⑤ Color: 1 = Color Black
⑥ Other Options: 0 = Standard
⑦ NH = For Lead Free soldering process and Halogen-Free

① ② ③ ④ ⑤

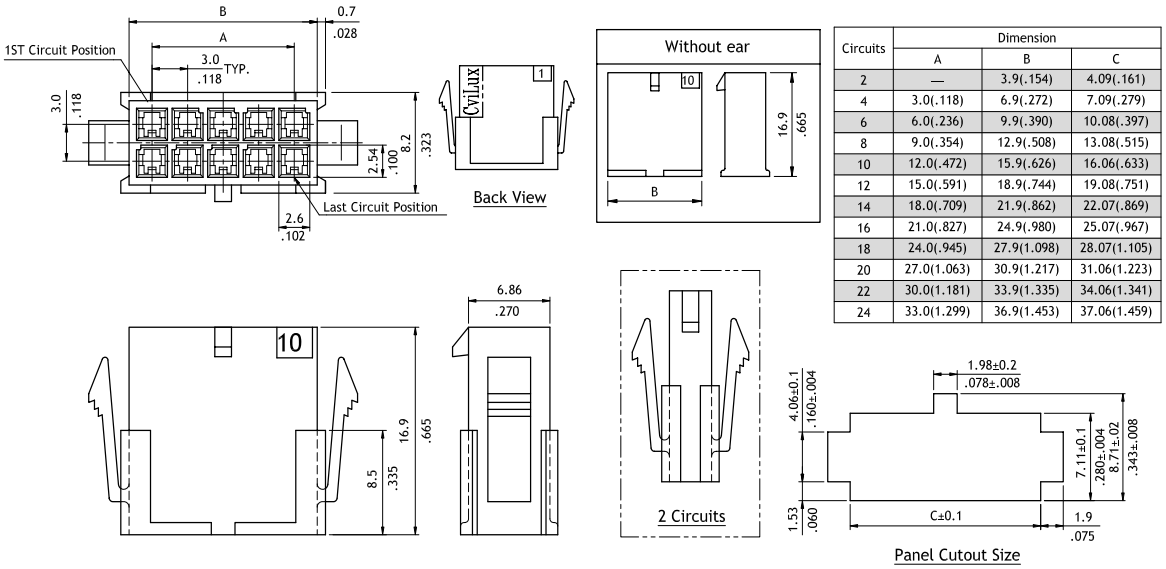
CP35 | TN2 | 1 | P | ES

① Series No.
② Wire Range : TN1 = AWG #26 ~ #30
TN2 = AWG #20 ~ #24
③ Plating Code : 1 = Tin over Nickel
A = Selective Gold flash over Nickel
④ Material: P = Phosphor Bronze
⑤ ES = Receptacle Terminal
ES-B = Receptacle Terminal (Low insertion Force)
ES-HC =For high current required

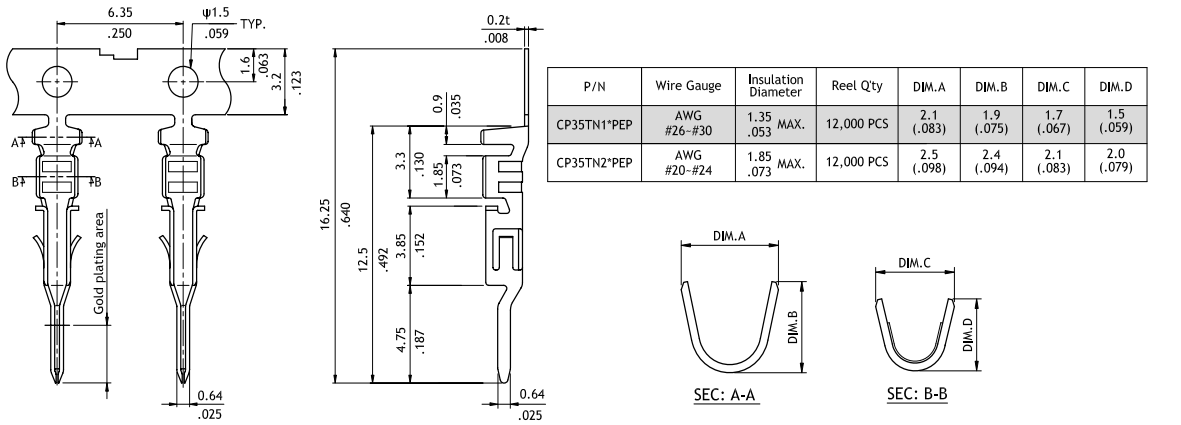
CP35 Series 3.00mm(.118") Dual Row Plug Connectors

◎ With mounting ears
◎ Available in 2 through 24 circuits
◎ Can be used with CP35 Crimp terminal
◎ Accommodated AWG #20 ~ #30

RoHS Compliant



Circuits	Dimension		
	A	B	C
2	—	3.9(.154)	4.09(.161)
4	3.0(.118)	6.9(.272)	7.09(.279)
6	6.0(.236)	9.9(.390)	10.08(.397)
8	9.0(.354)	12.9(.508)	13.08(.515)
10	12.0(.472)	15.9(.626)	16.06(.633)
12	15.0(.591)	18.9(.744)	19.08(.751)
14	18.0(.709)	21.9(.862)	22.07(.869)
16	21.0(.827)	24.9(.980)	25.07(.967)
18	24.0(.945)	27.9(1.098)	28.07(1.105)
20	27.0(1.063)	30.9(1.217)	31.06(1.223)
22	30.0(1.181)	33.9(1.335)	34.06(1.341)
24	33.0(1.299)	36.9(1.453)	37.06(1.459)



P/N	Wire Gauge	Insulation Diameter	Reel Q'ty	DIM.A	DIM.B	DIM.C	DIM.D
CP35TN1*PEP	AWG #26~#30	1.35 .053 MAX.	12,000 PCS	2.1 (.083)	1.9 (.075)	1.7 (.067)	1.5 (.059)
CP35TN2*PEP	AWG #20~#24	1.85 .073 MAX.	12,000 PCS	2.5 (.098)	2.4 (.094)	2.1 (.083)	2.0 (.079)

Ordering Code

①	②	③	④	⑤	⑥
CP35	24	P	001	0	NH

① Series No.
② No. of Circuits: 02 ~24
③ P = Plug
④ Color: 001 = Color Black
⑤ Other Options:
0 = Standard ; B = Without Ear
⑥ NH = For Lead Free soldering process and Halogen-Free

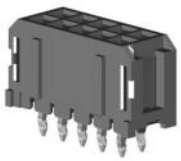
①	②	③	④	⑤
CP35	TN2	1	P	EP

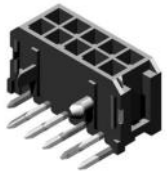
① Series No.
② Wire Range : TN1 = AWG #26 ~ #30
TN2 = AWG #20 ~ #24
③ Plating Code : 1 = Tin over Nickel
A = Selective Gold flash over Nickel
④ Material: P = Phosphor Bronze
⑤ Style: EP = Plug Terminal

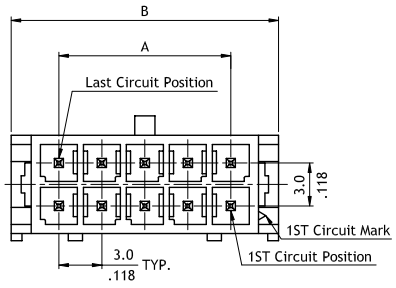
CP35 Series 3.00mm(.118") Dual Row Board Mount Headers

◎ Mate with CP35 Connector
◎ Shrouded header with PCB mounting pegs or board locks
◎ Available straight and right angle solder tails

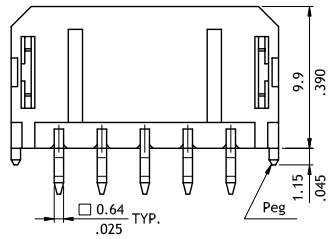
RoHS Compliant

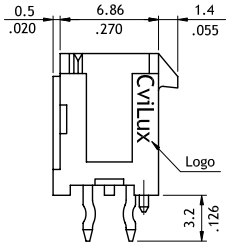


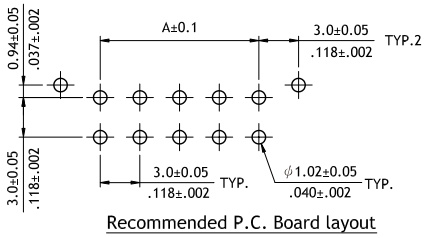




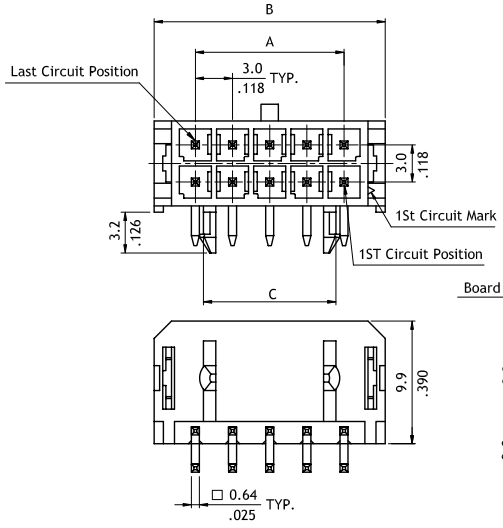
Circuits	Dimension	
	A	B
2	—	6.7(.264)
4	3.0(.118)	9.7(.382)
6	6.0(.236)	12.7(.500)
8	9.0(.354)	15.7(.618)
10	12.0(.472)	18.7(.657)
12	15.0(.591)	21.7(.854)
14	18.0(.709)	24.7(.972)
16	21.0(.827)	27.7(1.091)
18	24.0(.945)	30.7(1.209)
20	27.0(1.063)	33.7(1.327)
22	30.0(1.181)	36.7(1.445)
24	33.0(1.299)	39.7(1.563)

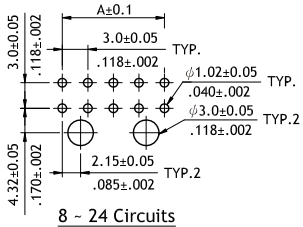




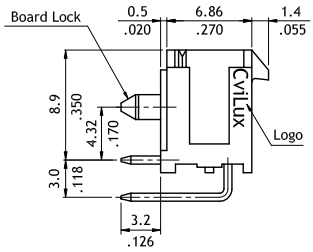


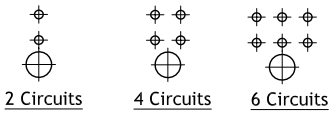
Recommended P.C. Board layout





8 ~ 24 Circuits
Recommended P.C. Board layout





Circuits	Dimension		
	A	B	C
2	—	6.7(.264)	3.0(.118)
4	3.0(.118)	9.7(.382)	3.0(.118)
6	6.0(.236)	12.7(.500)	3.0(.118)
8	9.0(.354)	15.7(.618)	7.7(.303)
10	12.0(.472)	18.7(.657)	10.7(.421)
12	15.0(.591)	21.7(.854)	13.7(.539)
14	18.0(.709)	24.7(.972)	16.7(.657)
16	21.0(.827)	27.7(1.091)	19.7(.776)
18	24.0(.945)	30.7(1.209)	22.7(.894)
20	27.0(1.063)	33.7(1.327)	25.7(1.012)
22	30.0(1.181)	36.7(1.445)	28.7(1.130)
24	33.0(1.299)	39.7(1.563)	31.7(1.248)

Ordering Code

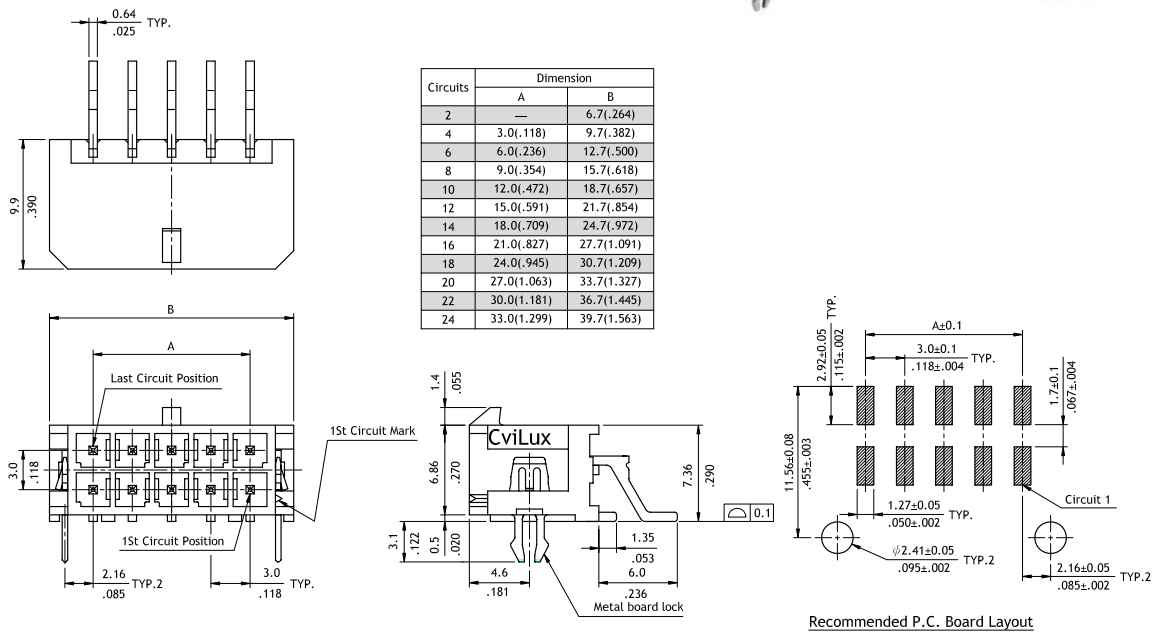
①	②	③	④	⑤	⑥	⑦	⑧
CP35	24	P	1	V	0	0	- NH

① Series No.
② No. of Circuits: 02 ~ 24
③ P = Plug
④ Plating Code :
1 = Matte Tin over Nickel
A = Selective Gold flash over Nickel
B = Selective 15μ" Gold flash over Nickel
⑤ Contact Type : V = Straight , H = Right Angle
⑥ Mount Type : 0 = DIP Type
⑦ Other Options:
0 = With pegs (Straight)
0 = With plastic board locks (Right Angle)
⑧ NH = For Lead Free soldering process and Halogen-Free

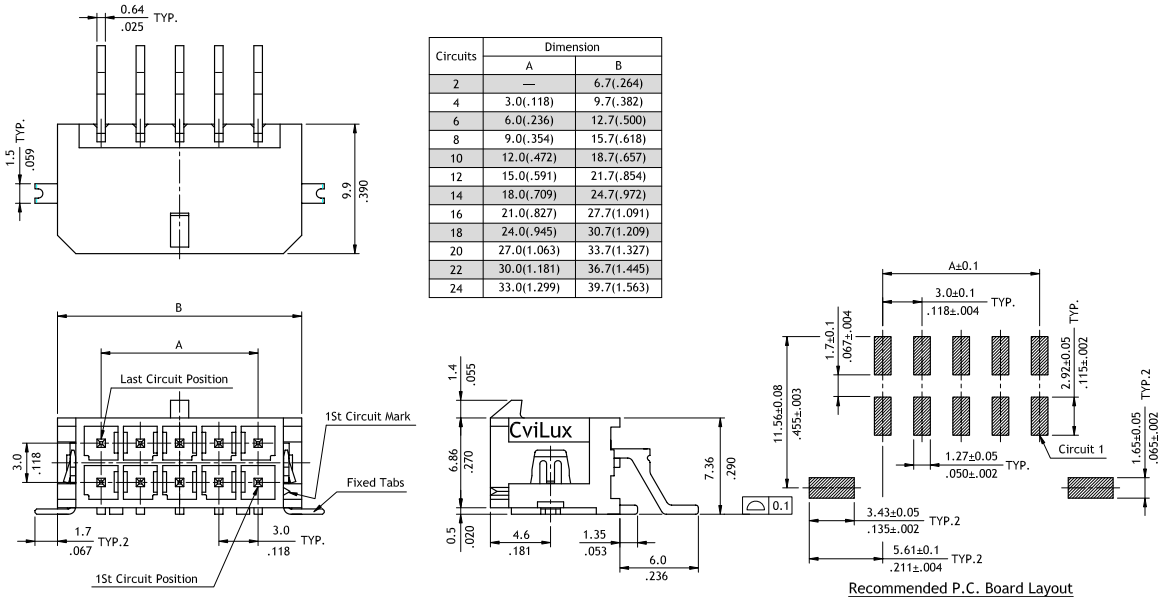
CP35 Series 3.00mm(.118") Dual Row Side Entry SMT Headers

◎ Mate with CP35 Connector
◎ Shrouded header with board locks or fixed tabs
◎ High temperature plastic for SMT process

RoHS Compliant

Circuits	Dimension	
	A	B
2	—	6.7(.264)
4	3.0(.118)	9.7(.382)
6	6.0(.236)	12.7(.500)
8	9.0(.354)	15.7(.618)
10	12.0(.472)	18.7(.657)
12	15.0(.591)	21.7(.854)
14	18.0(.709)	24.7(.972)
16	21.0(.827)	27.7(1.091)
18	24.0(.945)	30.7(1.209)
20	27.0(1.063)	33.7(1.327)
22	30.0(1.181)	36.7(1.445)
24	33.0(1.299)	39.7(1.563)



Circuits	Dimension	
	A	B
2	—	6.7(.264)
4	3.0(.118)	9.7(.382)
6	6.0(.236)	12.7(.500)
8	9.0(.354)	15.7(.618)
10	12.0(.472)	18.7(.657)
12	15.0(.591)	21.7(.854)
14	18.0(.709)	24.7(.972)
16	21.0(.827)	27.7(1.091)
18	24.0(.945)	30.7(1.209)
20	27.0(1.063)	33.7(1.327)
22	30.0(1.181)	36.7(1.445)
24	33.0(1.299)	39.7(1.563)

Ordering Code

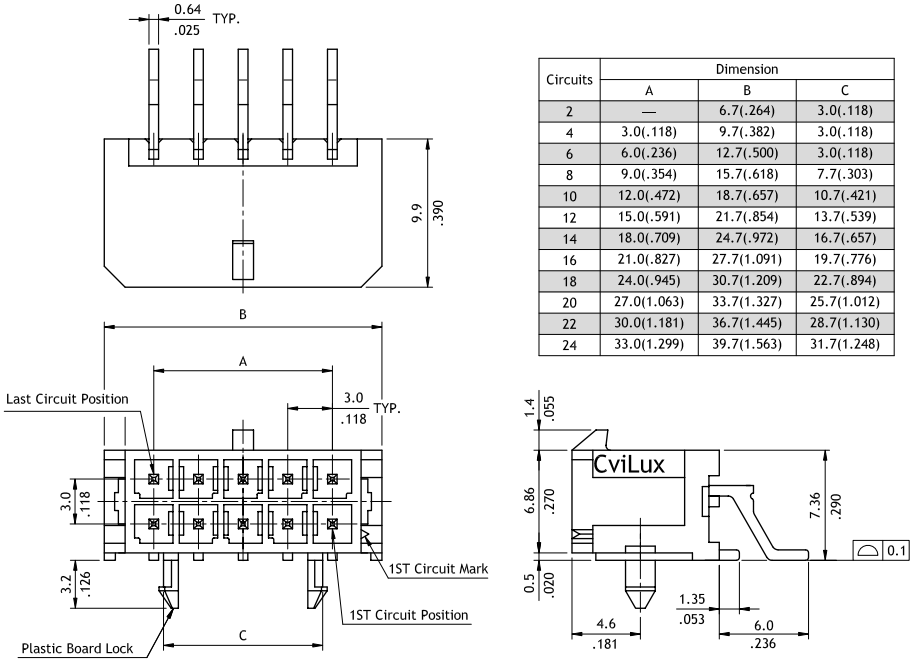
①	②	③	④	⑤	⑥	⑦	⑧
CP35	24	P	1	H	S	0	- NH

① Series No.
② No. of Circuits: 02 ~ 24
③ P = Plug
④ Plating Code :
1 = Matte Tin over Nickel
A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
⑤ Contact Type: H = Side Entry
⑥ Mount Type: S = SMT Type
⑦ Other Options:
0 = With Metal board locks
T = With Fixed Tabs
⑧ NH = For Lead Free soldering process and Halogen-Free

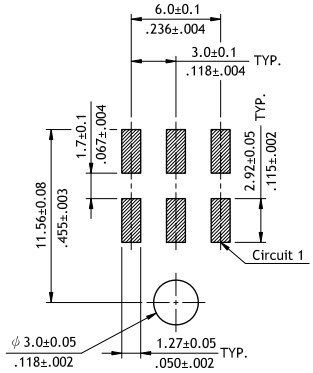
CP35 Series 3.00mm(.118") Dual Row Side Entry SMT Headers

◎ Mate with CP35 Connector
◎ Shrouded header with board locks
◎ High temperature plastic for SMT process

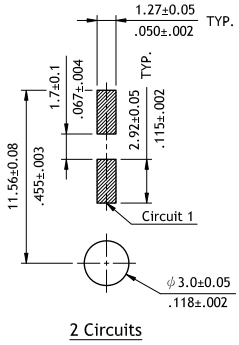
RoHS Compliant



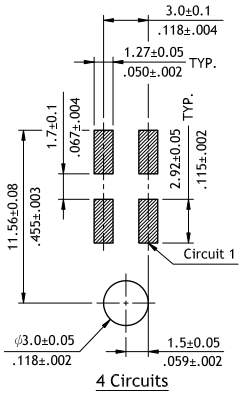
Circuits	Dimension		
	A	B	C
2	—	6.7(.264)	3.0(.118)
4	3.0(.118)	9.7(.382)	3.0(.118)
6	6.0(.236)	12.7(.500)	3.0(.118)
8	9.0(.354)	15.7(.618)	7.7(.303)
10	12.0(.472)	18.7(.657)	10.7(.421)
12	15.0(.591)	21.7(.854)	13.7(.539)
14	18.0(.709)	24.7(.972)	16.7(.657)
16	21.0(.827)	27.7(1.091)	19.7(.776)
18	24.0(.945)	30.7(1.209)	22.7(.894)
20	27.0(1.063)	33.7(1.327)	25.7(1.012)
22	30.0(1.181)	36.7(1.445)	28.7(1.130)
24	33.0(1.299)	39.7(1.563)	31.7(1.248)



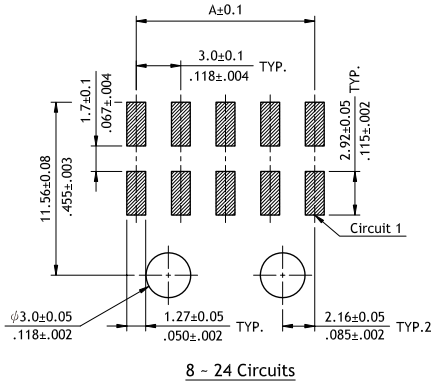
6 Circuits



2 Circuits



4 Circuits



8 ~ 24 Circuits

Recommended P.C. Board Layout

Ordering Code

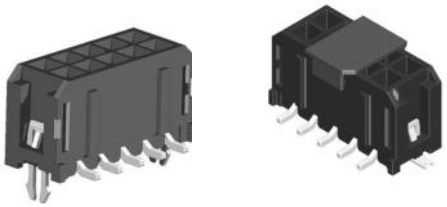
①	②	③	④	⑤	⑥	⑦	⑧
CP35	24	P	1	H	S	P	- NH

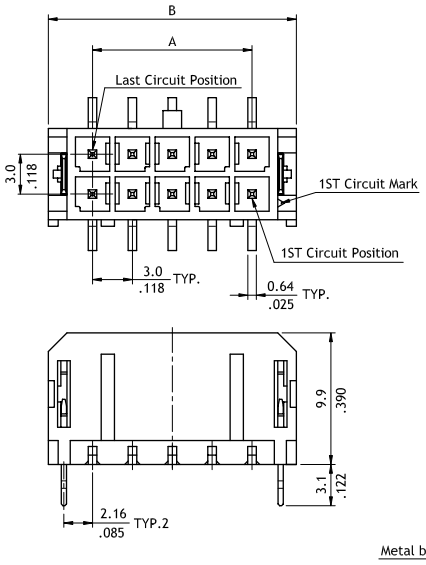
① Series No.
② No. of Circuits: 02 ~ 24
③ P = Plug
④ Plating Code :
1 = Matte Tin over Nickel
A = Selective Gold flash over Nickel
*Optional plating available but MOQ requested
⑤ Contact Type: H = Side Entry
⑥ Mount Type:
S = SMT Type
⑦ Other Options : P = With plastic board lock
⑧ NH = For Lead Free soldering process and Halogen-Free

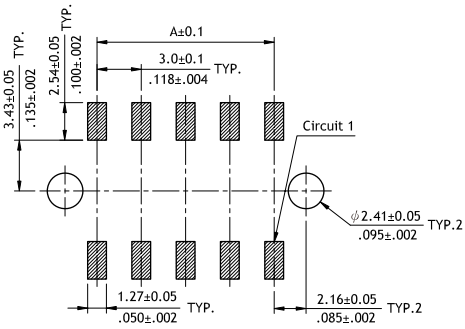
CP35 Series 3.00mm(.118") Dual Row Top Entry SMT Headers

◎ Mate with CP35 Connector
◎ Shrouded header with board locks or fixed tabs
◎ With metal pick and place Pad
◎ High temperature plastic for SMT process

RoHS Compliant

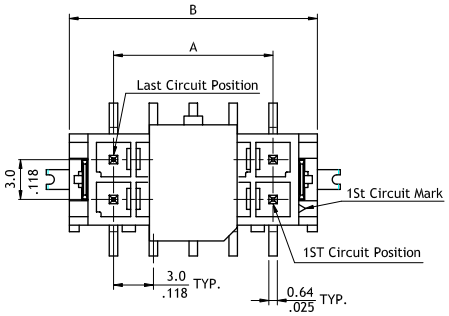


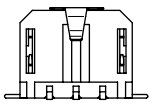




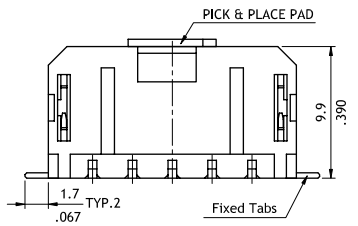
Recommended PCB Layout

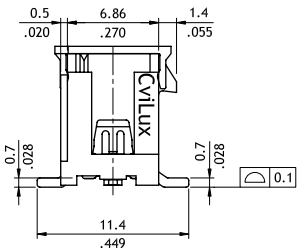
Circuits	Dimension	
	A	B
2	—	6.7(.264)
4	3.0(.118)	9.7(.382)
6	6.0(.236)	12.7(.500)
8	9.0(.354)	15.7(.618)
10	12.0(.472)	18.7(.657)
12	15.0(.591)	21.7(.854)
14	18.0(.709)	24.7(.972)
16	21.0(.827)	27.7(1.091)
18	24.0(.945)	30.7(1.209)
20	27.0(1.063)	33.7(1.327)
22	30.0(1.181)	36.7(1.445)
24	33.0(1.299)	39.7(1.563)

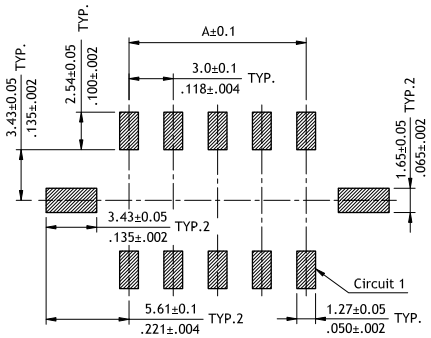




For 2,4,6 Circuits







Recommended PCB Layout

Ordering Code

①	②	③	④	⑤	⑥	⑦		⑧
CP35	24	P	1	V	S	0	-	NH

① Series No.
② No. of Circuits: 02 ~24
③ P = Plug
④ Plating Code :
1 = Matte Tin over Nickel
A = Selective Gold flash over Nickel
*Optional available but MOQ requested
⑤ Contact Type: V = Top Entry
⑥ Mount Type: S = SMT Type
⑦ Other Options:
0 = With Metal board lock
T = With Fixed Tabs
(Available for Tape & Reel packing)
⑧ NH = For Lead Free soldering process and Halogen-Free

CP-01 Series 4.20mm (.165") Power Connectors

◎ Wire to Wire and Wire to Board applications
◎ Straight and Right Angle Headers
◎ High current

Rated Current(max.) and Applicable Wire*600V AC (r.m.s)

Rated Current(max.)	Wire gage/Circuits	2-3	4-6	7-10	12-24
High electric conductive copper alloy (High current crimp terminal)	AWG#16 wire gage	12A	11A	10A	9A
	AWG#18 wire gage	12A	11A	10A	9A
	AWG#20 wire gage	9A	9A	8A	8A
	AWG#22 wire gage	7A	6A	6A	6A
	AWG#28 wire gage	3.5A	2A	2A	2A
Brass & Phosphor Bronze	AWG#16 wire gage	9A	8A	7A	6A
	AWG#18 wire gage	9A	8A	7A	6A
	AWG#20 wire gage	7A	6A	5A	5A
	AWG#22 wire gage	5A	4A	4A	4A
	AWG#24 wire gage	4A	3A	3A	3A
	AWG#26 wire gage	3A	2A	2A	2A

Plug	Receptacle	Plug	Receptacle
2 CIRCUITS	2 CIRCUITS	14 CIRCUITS	14 CIRCUITS
4 CIRCUITS	4 CIRCUITS	16 CIRCUITS	16 CIRCUITS
6 CIRCUITS	6 CIRCUITS	18 CIRCUITS	18 CIRCUITS
8 CIRCUITS	8 CIRCUITS	20 CIRCUITS	20 CIRCUITS
10 CIRCUITS	10 CIRCUITS	22 CIRCUITS	22 CIRCUITS
12 CIRCUITS	12 CIRCUITS	24 CIRCUITS	24 CIRCUITS

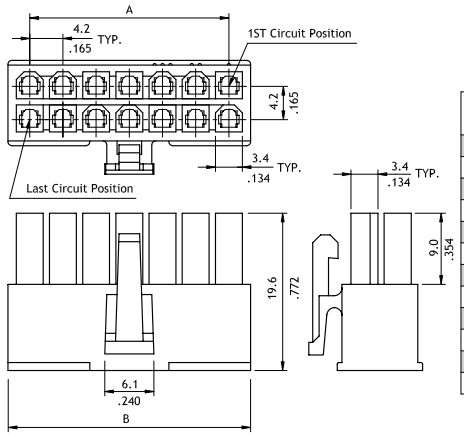
CP-011 Series 4.20mm (.165") Receptacle Connectors

◎ With locking latch
◎ Available in 2 through 24 circuits
◎ Mates with CP-012, CP-013 or CP-014 connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material
◎ Can be used with CP-011 crimp terminal Terminal
◎ Accommodated AWG #16 ~ #26
◎ Glow Wire test material available



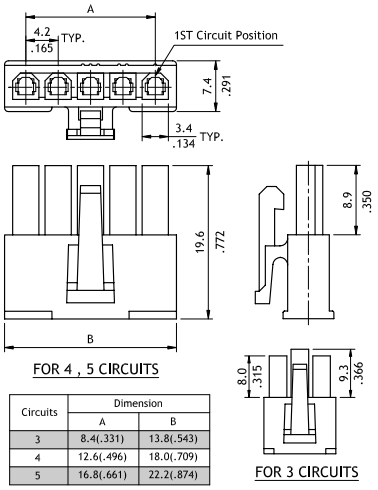
RoHS Compliant

P/N CP-011**0*0

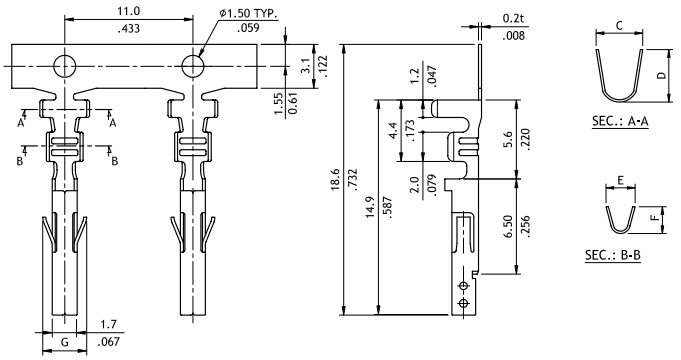


Circuits	Dimension A	Dimension B
2	-	5.5(.217)
4	4.2(.165)	9.7(.382)
6	8.4(.331)	13.9(.547)
8	12.6(.496)	18.1(.713)
10	16.8(.661)	22.3(.878)
12	21.0(.827)	26.5(1.043)
14	25.2(.992)	30.7(1.209)
16	29.4(1.157)	34.9(1.374)
18	33.6(1.322)	39.1(1.539)
20	37.8(1.487)	43.3(1.705)
22	42.0(1.652)	47.5(1.870)
24	46.2(1.817)	51.7(2.035)

P/N CP-011**0*S



Circuits	Dimension A	Dimension B
3	8.4(.331)	13.8(.543)
4	12.6(.496)	18.0(.709)
5	16.8(.661)	22.2(.874)



Part No.	Wire Range	Dimension C	D	E	F	G	Insulation Range	Material	Reel Q'ty
CP-01100*01	AWG #22-26	3.4(.134)	3.3(.130)	2.5(.098)	2.3(.091)	2.6(.102)	0.9-1.8(.035-.071)	Brass	5,000 PCS
CP-01100*02	AWG #18-22	4.0(.158)	4.5(.177)	2.5(.098)	2.3(.091)	3.2(.126)	1.3-3.1(.051-.122)	Brass	4,000 PCS
CP-01100*03	AWG #22-26	3.4(.134)	3.3(.130)	2.5(.098)	2.3(.091)	2.6(.102)	0.9-1.8(.035-.071)	Phosphor Bronze	5,000 PCS
CP-01100*04	AWG #18-22	4.0(.158)	4.5(.177)	2.5(.098)	2.3(.091)	3.2(.126)	1.3-3.1(.051-.122)	Phosphor Bronze	4,000 PCS
CP-01100*05	AWG #16	4.0(.158)	4.5(.177)	2.8(.110)	2.7(.106)	3.2(.126)	1.8-3.1(.071-.122)	Brass	4,000 PCS
CP-01100*06	AWG #16	4.0(.158)	4.5(.177)	2.8(.110)	2.7(.106)	3.2(.126)	1.8-3.1(.071-.122)	Phosphor Bronze	4,000 PCS
CP-01100104-HC	AWG #18-22	4.0(.158)	4.5(.177)	2.5(.098)	2.3(.091)	3.2(.126)	1.3-3.1(.051-.122)	High electric conductive copper alloy	4,000 PCS
CP-01100106-HC	AWG #16	4.0(.158)	4.5(.177)	2.8(.110)	2.7(.106)	3.2(.126)	1.8-3.1(.071-.122)	High electric conductive copper alloy	4,000 PCS

Ordering Code

①	②	③	④	⑤	⑥
CP-01	1	24	0	1	0

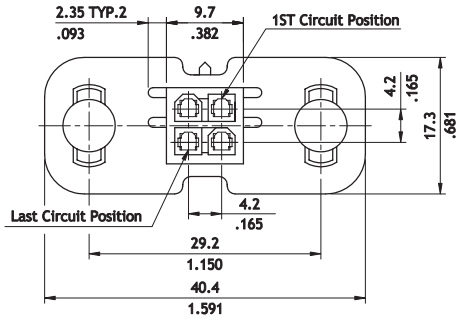
① Series No.
② Connector Type:1 = Receptacle
③ No. of Circuits : 02 ~ 24 (Dual Row)
03 ~ 05 (Single Row)
④ Plating Code: 0 = Non plating
⑤ Variation:
1 = UL 94V-2 ; 6 = UL 94V-2, BMI Type
3 = UL 94V-0 ; 7 = UL 94V-0, BMI Type
E = Glow wire test approval
⑥ Other Options: 0 = Dual Row
S = Single Row
*Special options consult manufacturer

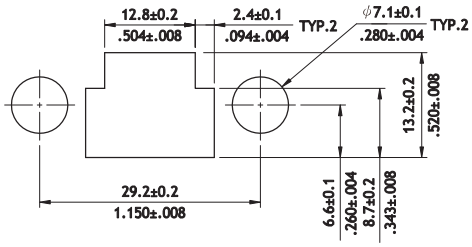
CP-011 Series 4.20mm (.165") Blind Mating Panel Mount Receptacle Connector

◎ Mates with CP-012, CP-013 or CP-014 connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material
◎ Can be used with CP-011 crimp terminal
◎ Terminal accommodated AWG #16 ~ #26

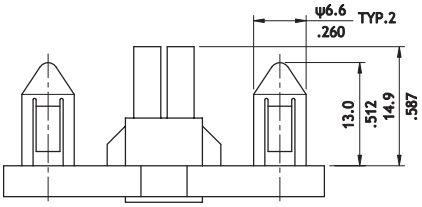
RoHS Compliant

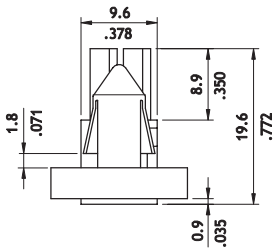
P/N	CP-01104060 / CP-01104070





Panel Cutout (Panel Thickness= 1.6±0.05mm)

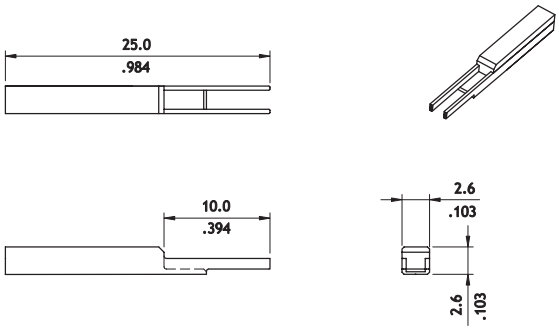




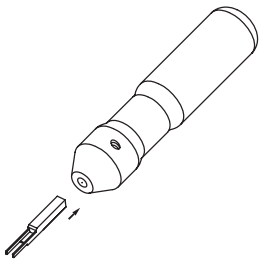
CP-01 Series Extractor Hand Tool

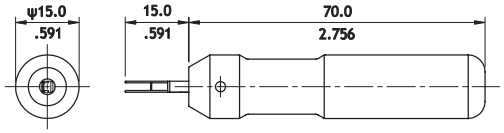
◎ Can be used CP-011 & CP-012 series crimp terminal

P/N	CP-RWT-0201



P/N	CP-RWT-0200

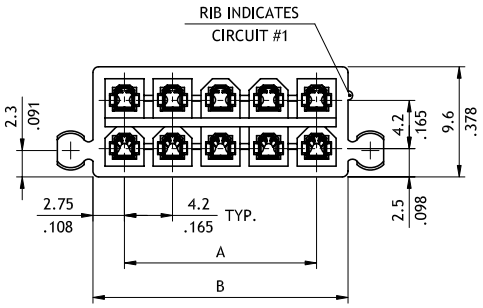




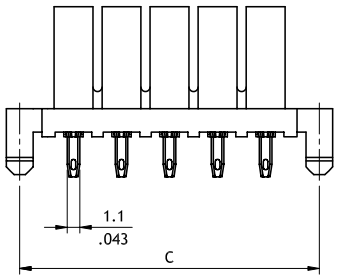
CP-011 Series 4.20mm (.165") Receptacle Board Mount Connectors

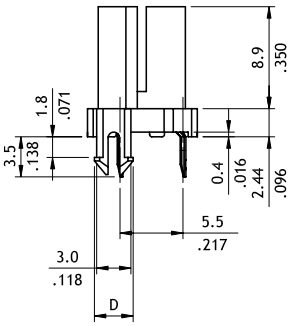
◎ With Board Locks
◎ Available in 2 through 24 circuits
◎ Mates with CP-012, CP-013 or CP-014 connector
◎ Nylon 66 UL 94V-0 or V-2 and 46 UL94V-0 insulator material
◎ Glow wire test available

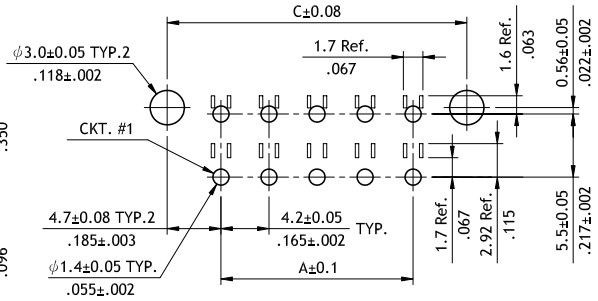
RoHS Compliant



Circuits	Dimension		
	A	B	C
2	—	5.5(.217)	9.4(.370)
4	4.2(.165)	9.7(.382)	13.6(.535)
6	8.4(.331)	13.9(.547)	17.8(.701)
8	12.6(.496)	18.1(.713)	22.0(.866)
10	16.8(.661)	22.3(.878)	26.2(1.031)
12	21.0(.827)	26.5(1.043)	30.4(1.197)
14	25.2(.992)	30.7(1.209)	34.6(1.362)
16	29.4(1.157)	34.9(1.374)	38.8(1.528)
18	33.6(1.322)	39.1(1.539)	43.0(1.693)
20	37.8(1.487)	43.3(1.705)	47.2(1.858)
22	42.0(1.652)	47.5(1.870)	51.4(2.024)
24	46.2(1.817)	51.7(2.035)	55.6(2.189)







Recommended P.C. Board Layout

Ordering Code

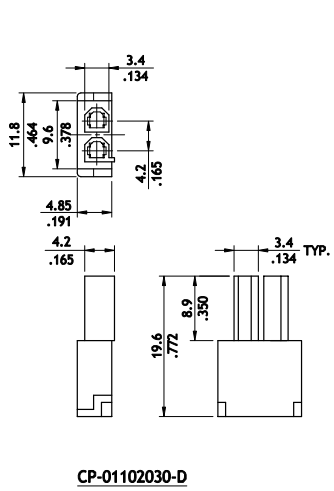
①	②	③	④	⑤	⑥
CP-01	1	24	1	1	0

① Series No.
② Connector Type:
1 = Receptacle
③ No. of Circuits : 02 ~ 24
④ Plating Code : 1 = Tin over Nickel
⑤ Variation:
0 = UL 94V-0 (PA46) (DIM. D = 3.2mm)
1 = UL 94V-0 (PA66) (DIM. D = 3.4mm)
2 = UL 94V-2 (PA66) (DIM. D = 3.4mm)
3 = UL 94V-2 (GWT) (DIM. D = 3.4mm)
⑥ Other Options: 0 = Standard
*Special options consult manufacturer

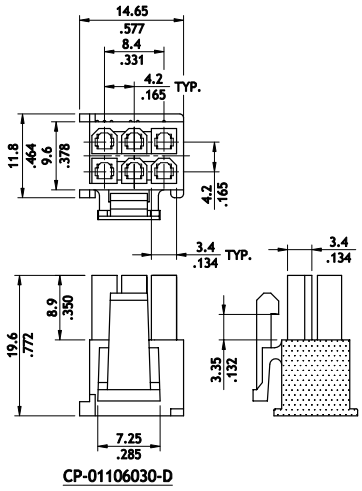
CP-011 Series 4.20mm (.165") Assembly Power Connectors

◎ With locking latch
◎ Nylon 66 UL 94V-0 insulator material
◎ Can be used with CP-011 crimp terminal
◎ Terminal accommodated AWG #16 ~ #26

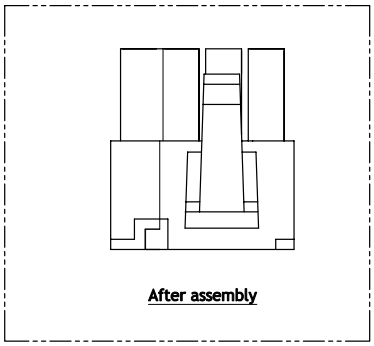
RoHS Compliant

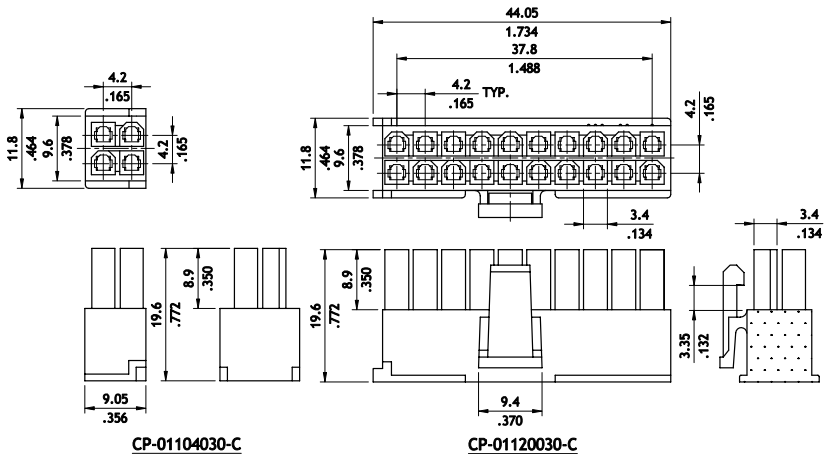


CP-01102030-D

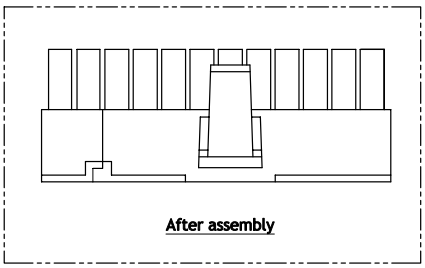


CP-01106030-D





CP-01104030-C CP-01120030-C



Ordering Code

①	②	③	④	⑤	⑥	⑦
CP-01	1	20	0	1	0	- C

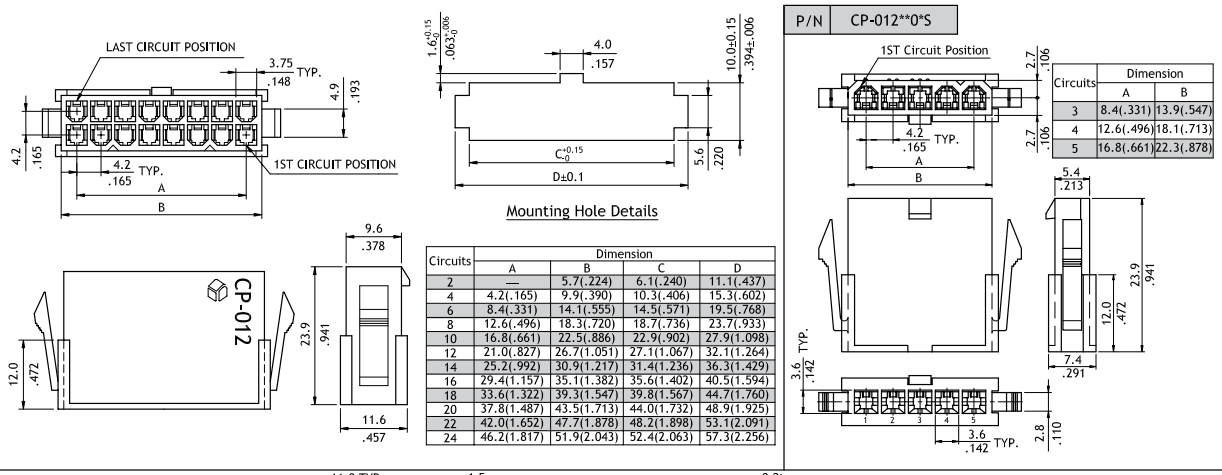
① Series No.
② Connector Type: 1 = Receptacle
③ No. of Circuits: 02, 04, 06, 20
④ Plating Code : 0 = Non plating
⑤ Variation: 3 = UL 94V-0
⑥ Color Options:0 = Nature (Standard)
*Special options consult manufacturer
⑦ Other Options:
C = Assembly Type
D = PCI-E Assembly Type

CP-012 Series 4.20mm (.165") Plug Connectors

◎ With mounting ears
◎ Available in 2 through 24 circuits
◎ Mate with CP-011 connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material
◎ Can be used with CP-012 crimp terminal
◎ Terminal accommodated AWG #16 ~ #26
◎ Glow Wire test material available

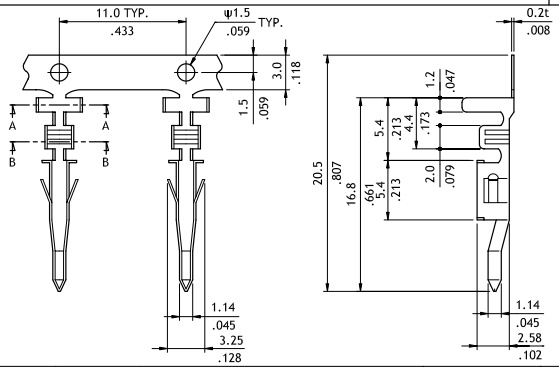


RoHS Compliant



Circuits	Dimension A	B	C	D
2	—	5.7(.224)	6.1(.240)	11.1(.437)
4	4.2(.165)	9.9(.390)	10.3(.406)	15.3(.602)
6	8.4(.331)	14.1(.555)	14.5(.571)	19.5(.768)
8	12.6(.496)	18.3(.720)	18.7(.736)	23.7(.933)
10	16.8(.661)	22.5(.886)	22.9(.902)	27.9(1.098)
12	21.0(.827)	26.7(1.051)	27.1(1.067)	32.1(1.264)
14	25.2(.992)	30.9(1.217)	31.4(1.236)	36.3(1.429)
16	29.4(1.157)	35.1(1.382)	35.6(1.402)	40.5(1.594)
18	33.6(1.322)	39.3(1.547)	39.8(1.567)	44.7(1.760)
20	37.8(1.487)	43.5(1.713)	44.0(1.732)	48.9(1.925)
22	42.0(1.652)	47.7(1.878)	48.2(1.898)	53.1(2.091)
24	46.2(1.817)	51.9(2.043)	52.4(2.063)	57.3(2.256)

Circuits	Dimension A	B
3	8.4(.331)	13.9(.547)
4	12.6(.496)	18.1(.713)
5	16.8(.661)	22.3(.878)



Part No.	Wire Range	Dimension C	D	E	F	Insulation Range	Material	Reel Q'ty
CP-01200*01	AWG #22-26	3.4(.134)	3.3(.130)	2.5(.098)	2.3(.091)	0.9-1.8(.035-.071)	Brass	5,000 PCS
CP-01200*02	AWG #18-22	4.0(.158)	4.5(.177)	2.5(.098)	2.3(.091)	1.3-3.1(.051-.122)	Brass	4,000 PCS
CP-01200*03	AWG #22-26	3.4(.134)	3.3(.130)	2.5(.098)	2.3(.091)	0.9-1.8(.035-.071)	Phosphor Bronze	5,000 PCS
CP-01200*04	AWG #18-22	4.0(.158)	4.5(.177)	2.5(.098)	2.3(.091)	1.3-3.1(.051-.122)	Phosphor Bronze	4,000 PCS
CP-01200*05	AWG #16	4.0(.158)	4.5(.177)	2.8(.110)	2.6(.102)	1.8-3.1(.071-.122)	Brass	4,000 PCS
CP-01200*06	AWG #16	4.0(.158)	4.5(.177)	2.8(.110)	2.6(.102)	1.8-3.1(.071-.122)	Phosphor Bronze	4,000 PCS
CP-01200*04-HC	AWG #18-22	4.0(.158)	4.5(.177)	2.5(.098)	2.3(.091)	1.3-3.1(.051-.122)	High electric conductive copper alloy	4,000 PCS
CP-01200*06-HC	AWG #16	4.0(.158)	4.5(.177)	2.8(.110)	2.6(.102)	1.8-3.1(.071-.122)	High electric conductive copper alloy	4,000 PCS
CP-01200*07-HC	AWG #28	2.3(.091)	2.3(.091)	1.8(.071)	1.65(.065)	0.9(.035)	High electric conductive copper alloy	6,000 PCS

Ordering Code

①	②	③	④	⑤	⑥
CP-01	2	24	0	0	0

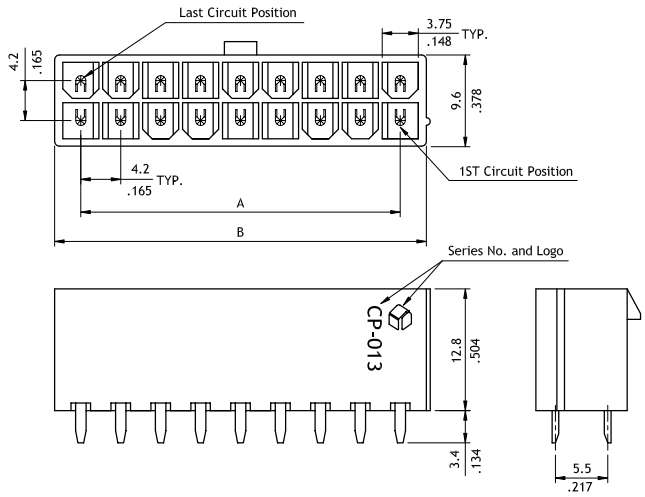
① Series No.
② Connector Type : 2 = Plug
③ No. of Circuits:
02 ~ 24 (Dual Row)
03 ~ 05 (Single Row)
④ Plating Code:
0 = Non plating
⑤ Variation:
0 = UL 94V-2 (with mounting ears)
1 = UL 94V-2 (without mounting ear)
2 = UL 94V-0 (with mounting ears)
3 = UL 94V-0 (without mounting ear)
E = GWT approval (without mounting ear)
F = GWT approval (with mounting ears)
⑥ Other Options:
0 = Dual Row
S = Single Row

CP-013 Series 4.20mm (.165") Straight DIP Solder Headers

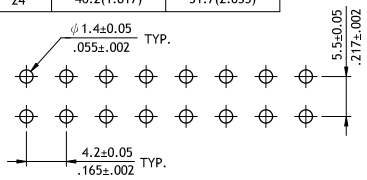
◎ Optional PCB mounting pegs
◎ Mate with CP-011 connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material
◎ Glow wire test material available


RoHS Compliant

P/N	CP-013**110 / CP-013**130 / CP-013**1E0

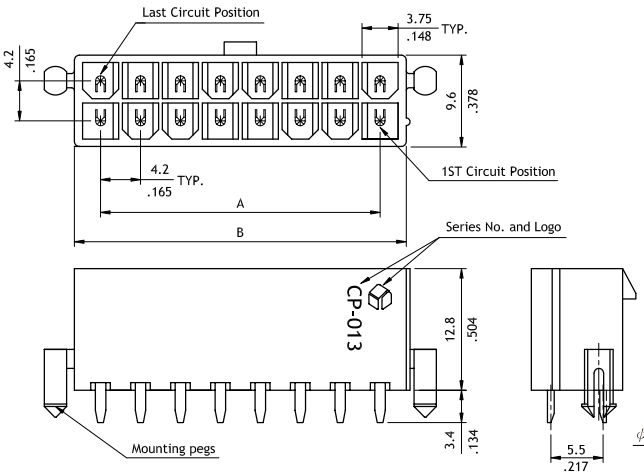


Circuits	Dimension	
	A	B
2	—	5.5(.217)
4	4.2(.165)	9.7(.382)
6	8.4(.331)	13.9(.547)
8	12.6(.496)	18.1(.713)
10	16.8(.661)	22.3(.878)
12	21.0(.827)	26.5(1.043)
14	25.2(.992)	30.7(1.209)
16	29.4(1.157)	34.9(1.374)
18	33.6(1.322)	39.1(1.539)
20	37.8(1.487)	43.3(1.705)
22	42.0(1.652)	47.5(1.870)
24	46.2(1.817)	51.7(2.035)

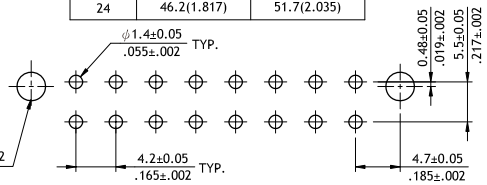


Recommended P.C. Board Layout

P/N	CP-013**140 / CP-013**150 / CP-013**1G0



Circuits	Dimension	
	A	B
2	—	5.5(.217)
4	4.2(.165)	9.7(.382)
6	8.4(.331)	13.9(.547)
8	12.6(.496)	18.1(.713)
10	16.8(.661)	22.3(.878)
12	21.0(.827)	26.5(1.043)
14	25.2(.992)	30.7(1.209)
16	29.4(1.157)	34.9(1.374)
18	33.6(1.322)	39.1(1.539)
20	37.8(1.487)	43.3(1.705)
22	42.0(1.652)	47.5(1.870)
24	46.2(1.817)	51.7(2.035)



Recommended P.C. Board Layout

Ordering Code

① ② ③ ④ ⑤ ⑥

CP-01 | 3 | 24 | 1 | 1 | 0

① Series No.
② Connector Type:
3 = Straight PCB mount header
③ No. of Circuits :
see above table
④ Plating Code :
1 = Tin over Nickel

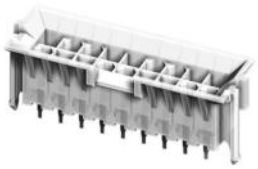
⑤ Variation:
1 = UL 94V-2 (without mounting peg)
3 = UL 94V-0 (without mounting peg)
4 = UL 94V-2 (with mounting pegs)
5 = UL 94V-0 (with mounting pegs)
E = GWT approval
(without mounting peg)
G = GWT approval
(with mounting pegs)

⑥ Other Options:
0 = Standard
(with drain holes shown, non for 2 pin Type)
H = Without drain hole
*Special options consult manufacturer

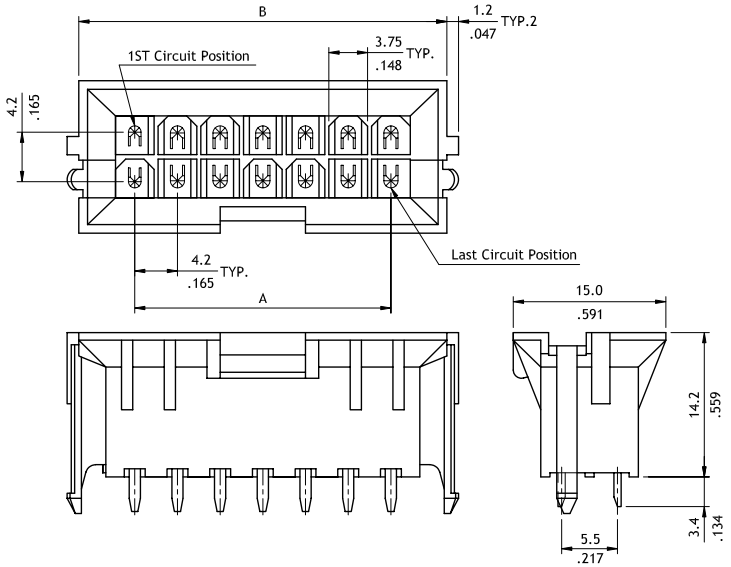
CP-013 Series 4.20mm (.165") Straight DIP Solder Headers

◎ Optional PCB mounting pegs
◎ Mates with CP-011 Connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material
◎ Glow Wire test material available

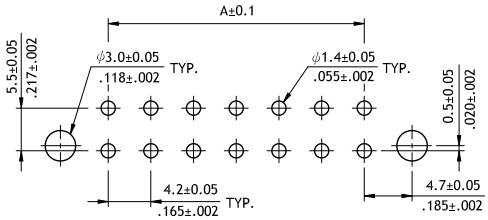
RoHS Compliant



P/N CP-013**160 / CP-013**170 / CP-013**1H0

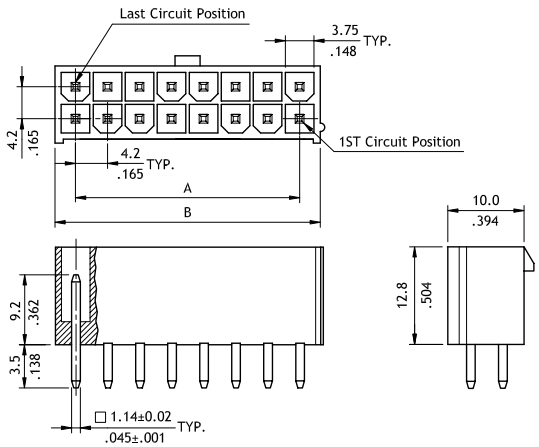


Circuits	Dimension	
	A	B
4	4.2(.165)	15.1(.594)
6	8.4(.331)	19.3(.760)
8	12.6(.496)	23.5(.925)
10	16.8(.661)	27.7(1.091)
14	25.2(.992)	36.1(1.421)
16	29.4(1.157)	40.3(1.587)
18	33.6(1.323)	44.5(1.752)
24	46.2(1.819)	57.1(2.248)

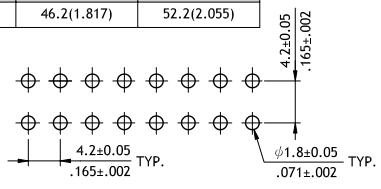


Recommended P.C. Board Layout

P/N CP-013**180 / CP-013**190 / CP-013**1J0



Circuits	Dimension	
	A	B
2	—	6.0(.236)
4	4.2(.165)	10.2(.402)
6	8.4(.331)	14.4(.567)
8	12.6(.496)	18.6(.732)
10	16.8(.661)	22.8(.898)
12	21.0(.827)	27.0(1.063)
14	25.2(.992)	31.2(1.228)
16	29.4(1.157)	35.4(1.394)
18	33.6(1.322)	39.6(1.559)
20	37.8(1.487)	43.8(1.724)
22	42.0(1.652)	48.0(1.890)
24	46.2(1.817)	52.2(2.055)



Recommended P.C. Board Layout

Ordering Code

① ② ③ ④ ⑤ ⑥

CP - 01 | 3 | 24 | 1 | 6 | 0

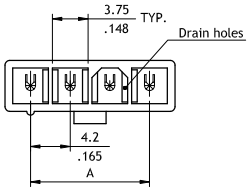
① Series No.
② Connector Type:
3 = Straight PCB mount header
③ No. of Circuits : see above table
④ Plating Code : 1 = Tin over Nickel
⑤ Variation :
6 = UL 94V-2 (B.M.I Type)
7 = UL 94V-0 (B.M.I Type)
8 = UL 94V-2 (with square pin)
9 = UL 94V-0 (with square pin)
J = GWT approval (with square pin)
H = GWT approval (B.M.I Type)
⑥ Other Options: 0 = Standard

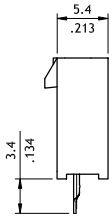
CP-013 Series 4.20mm (.165") Straight DIP Solder Headers

◎ Optional PCB mounting pegs
◎ Mate with CP-011 Connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material

RoHS Compliant

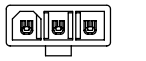
P/N	CP-013**11S / CP-013**13S / CP-013**16S / CP-013**17S

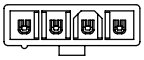


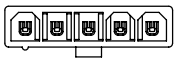


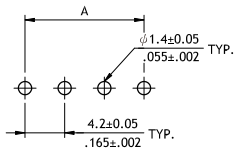
Circuits	Dimension	
	A	B
3	8.4(.331)	13.8(.543)
4	12.6(.496)	18.0(.709)
5	16.8(.661)	22.2(.874)

Circuits Pattern


3 Pin

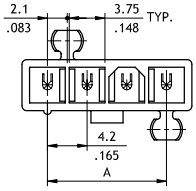

4 Pin

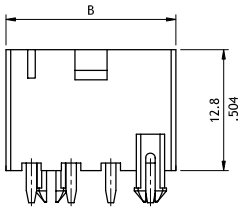

5 Pin

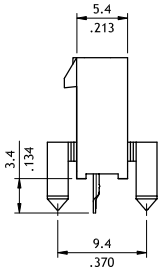


Recommended P.C. Board Layout

P/N	CP-013**14S / CP-013**15S / CP-013**18S / CP-013**19S

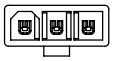


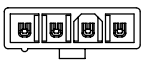


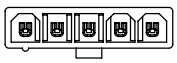


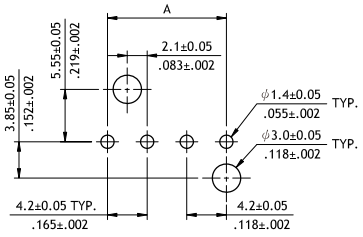
Circuits	Dimension	
	A	B
3	8.4(.331)	13.8(.543)
4	12.6(.496)	18.0(.709)
5	16.8(.661)	22.2(.874)

Circuits Pattern


3 Pin


4 Pin


5 Pin



Recommended P.C. Board Layout

Ordering Code

①	②	③	④	⑤	⑥
CP-01	3	05	1	S	S

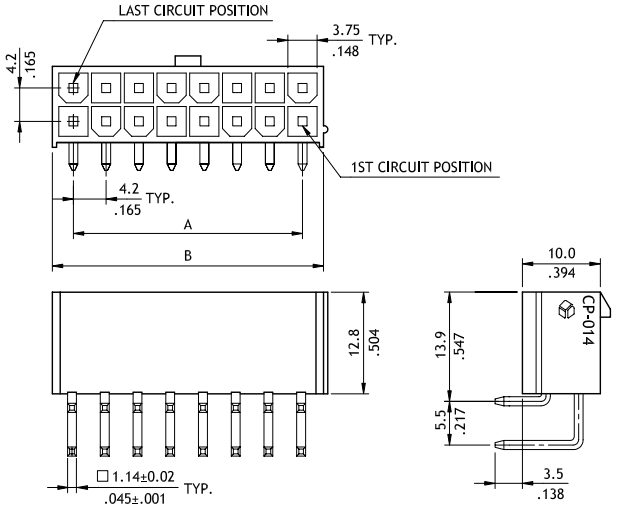
① Series No.
② Connector Type:
3 = Straight PCB mount header
③ No. of Circuits: see above table
④ Plating Code: 1 = Tin over Nickel
⑤ Variation:
Without mounting peg:
1 = UL 94V-2 (with drain holes)
3 = UL 94V-0 (with drain holes)
6 = UL 94V-2 (without drain hole)
7 = UL 94V-0 (without drain hole)
With mounting pegs:
4 = UL 94V-2 (with drain holes)
5 = UL 94V-0 (with drain holes)
8 = UL 94V-2 (without drain hole)
9 = UL 94V-0 (without drain hole)
⑥ Other Options:
S = Single Row Header

CP-014 Series 4.20mm (.165") Right Angle DIP Solder Headers

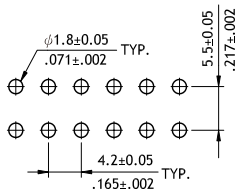
◎ Option with mounting ears
◎ Mate with CP-011 connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material

RoHS Compliant

P/N CP-014**110 / CP-014**130

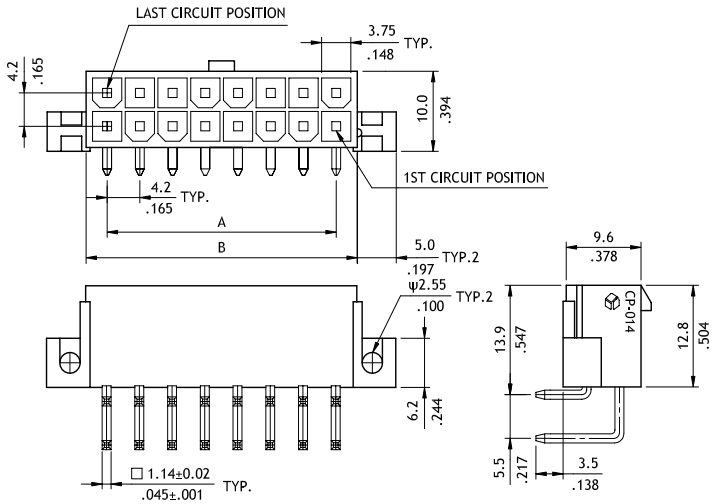


Circuits	Dimension	
	A	B
2	—	6.0(.236)
4	4.2(.165)	10.2(.402)
6	8.4(.331)	14.4(.567)
8	12.6(.496)	18.6(.732)
10	16.8(.661)	22.8(.898)
12	21.0(.827)	27.0(1.063)
14	25.2(.992)	31.2(1.228)
16	29.4(1.157)	35.4(1.394)
18	33.6(1.322)	39.6(1.559)
20	37.8(1.487)	43.8(1.724)
22	42.0(1.652)	48.0(1.890)
24	46.2(1.817)	52.2(2.055)

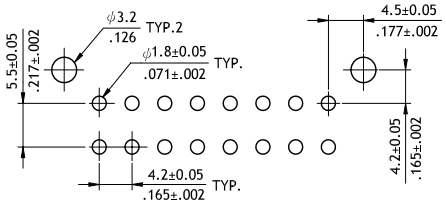


Recommended P.C. Board Layout

P/N CP-014**100 / CP-014**120



Circuits	Dimension	
	A	B
2	—	6.0(.236)
4	4.2(.165)	10.2(.402)
6	8.4(.331)	14.4(.567)
8	12.6(.496)	18.6(.732)
10	16.8(.661)	22.8(.898)
12	21.0(.827)	27.0(1.063)
14	25.2(.992)	31.2(1.228)
16	29.4(1.157)	35.4(1.394)
18	33.6(1.322)	39.6(1.559)
20	37.8(1.487)	43.8(1.724)
22	42.0(1.652)	48.0(1.890)
24	46.2(1.817)	52.2(2.055)



Recommended P.C. Board Layout

Ordering Code

①	②	③	④	⑤	⑥
CP - 01	4	24	1	0	0

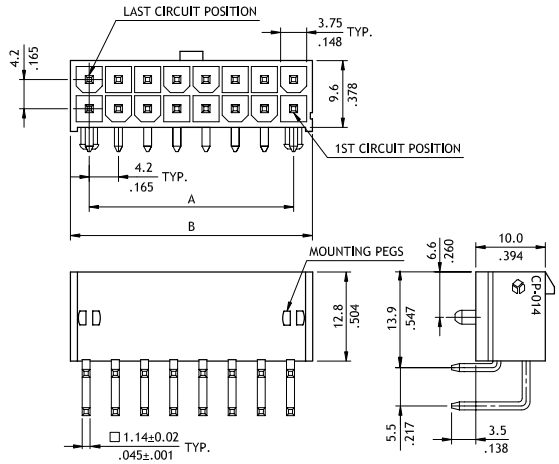
① Series No.
② Connector Type : 4 = Right Angle Header
③ No. of Circuits : see above table
④ Plating Code : 1 = Tin over Nickel
⑤ Variation:
0 = UL 94V-2 (with mounting ears)
1 = UL 94V-2 (without mounting ear)
2 = UL 94V-0 (with mounting ears)
3 = UL 94V-0 (without mounting ear)
⑥ Other Options: 0 = Standard
*Special options consult manufacturer

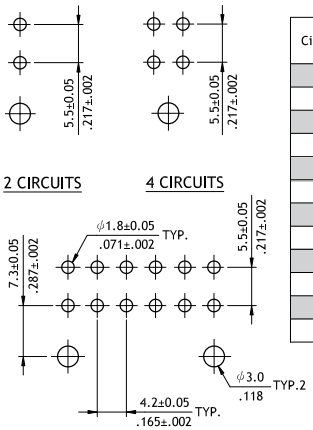
CP-014 Series 4.20mm (.165") Right Angle DIP Solder Headers

◎ Optional with mounting ears or pegs
◎ Mate with CP-011 connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material
◎ Glow wire test approval material available

RoHS Compliant

P/N	CP-014**140 / CP-014**150 / CP-014**1G0

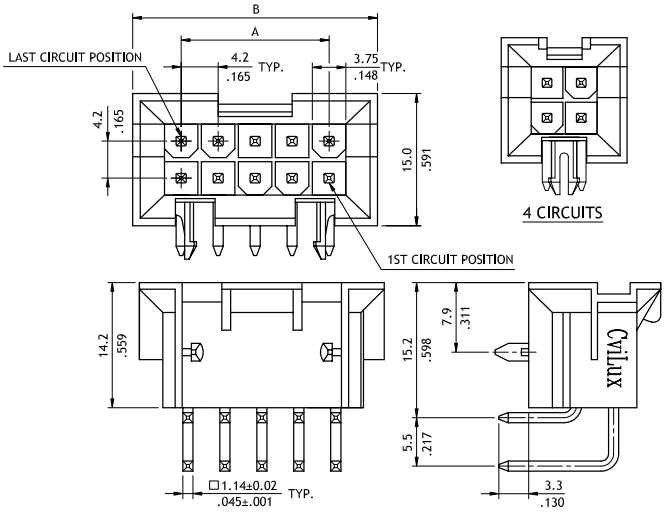




6-24 CIRCUITS
Recommended P.C. Board layout

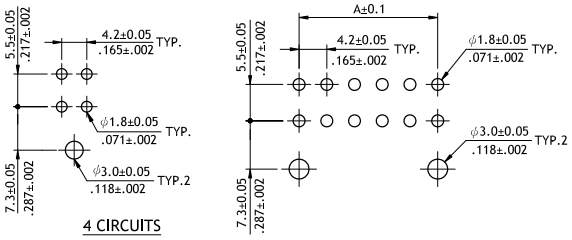
Circuits	Dimension	
	A	B
2	—	6.0(.236)
4	4.2(.165)	10.2(.402)
6	8.4(.331)	14.4(.567)
8	12.6(.496)	18.6(.732)
10	16.8(.661)	22.8(.898)
12	21.0(.827)	27.0(1.063)
14	25.2(.992)	31.2(1.228)
16	29.4(1.157)	35.4(1.394)
18	33.6(1.322)	39.6(1.559)
20	37.8(1.487)	43.8(1.724)
22	42.0(1.652)	48.0(1.890)
24	46.2(1.817)	52.2(2.055)

P/N	CP-014**160 / CP-014**170 / CP-014**1H0



4 CIRCUITS

Circuits	Dimension	
	A	B
4	4.2(.165)	15.2(.598)
6	8.4(.331)	19.4(.764)
8	12.6(.496)	23.6(.929)
10	16.8(.661)	27.8(1.094)
14	25.2(.992)	36.2(1.425)
18	33.6(1.323)	44.6(1.756)
24	46.2(1.819)	57.2(2.252)



Recommended P.C. Board layout

Ordering Code

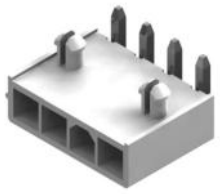
①	②	③	④	⑤	⑥
CP-01	4	24	1	4	0

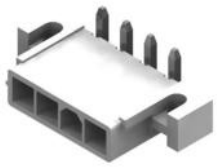
① Series No.
② Connector Type :
4 = Right Angle Header
③ No. of Circuits : see above table
④ Plating Code : 1 = Tin over Nickel
⑤ Variation:
4 = UL 94V-2 (with mounting pegs)
5 = UL 94V-0 (with mounting pegs)
6 = UL 94V-2 (B.M.I Type)
7 = UL 94V-0 (B.M.I Type)
G = GWT Type (with mounting pegs)
H = GWT Type (B.M.I Type)
⑥ Other Options: 0 = Standard
*Special options consult manufacturer

CP-014 Series 4.20mm (.165") Right Angle DIP Solder Headers

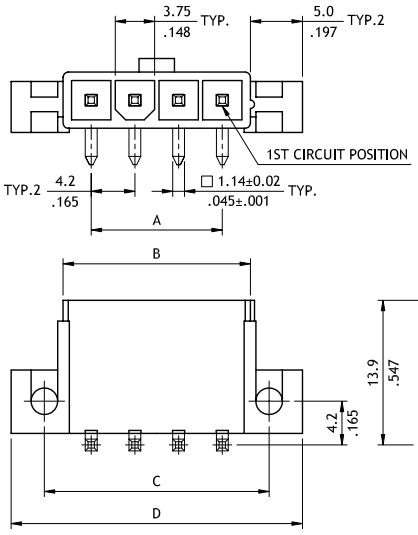
◎ Option with mounting ears or pegs
◎ Mate with CP-011 connector
◎ Nylon 66 UL 94V-0 or V-2 insulator material

RoHS Compliant



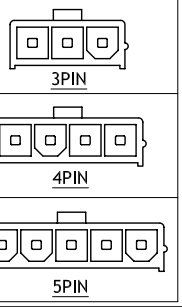


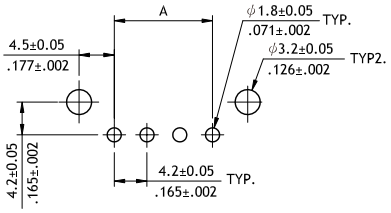
P/N	CP-014**10S / CP-014**12S



Circuits	Dimension			
	A	B	C	D
3	8.4(.331)	13.8(.543)	17.4(.685)	23.8(.937)
4	12.6(.496)	18.0(.709)	21.6(.850)	28.0(1.102)
5	16.8(.661)	22.2(.874)	25.8(1.016)	32.2(1.268)

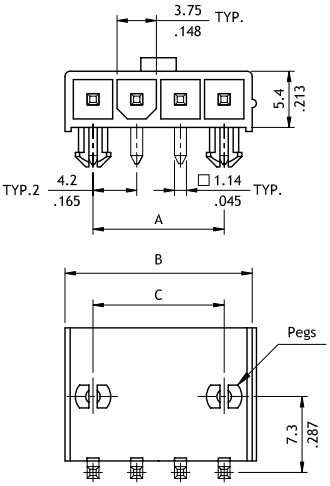
Circuits Pattern
(Without Mounting Ears)





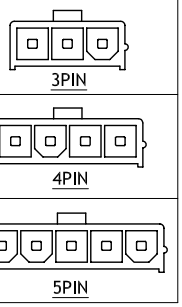
Recommended P.C. Board Layout

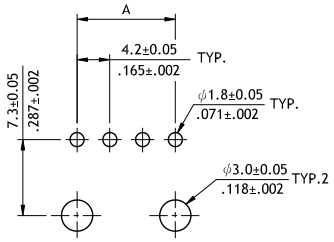
P/N	CP-014**11S / CP-014**13S/CP-014**14S / CP-014**15S



Circuits	Dimension		
	A	B	C
3	8.4(.331)	13.8(.543)	8.4(.331)
4	12.6(.496)	18.0(.709)	12.6(.496)
5	16.8(.661)	22.2(.874)	16.8(.661)

Circuits Pattern





Recommended P.C. Board Layout

Ordering Code

①	②	③	④	⑤	⑥
CP - 01	4	05	1	0	S

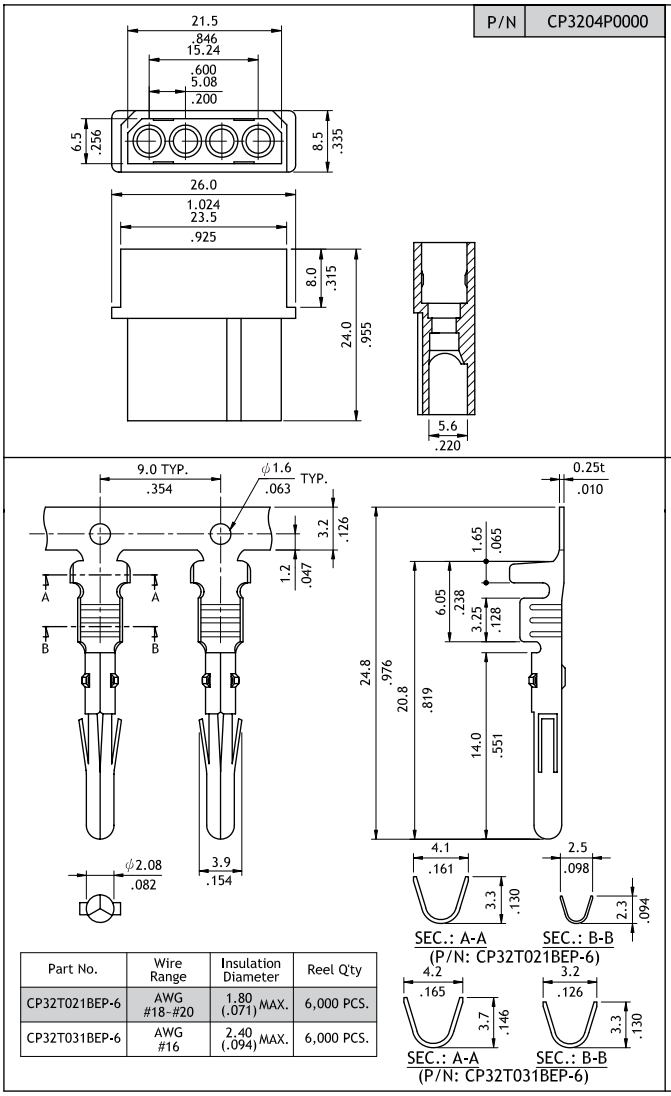
① Series No.
② Connector Type: 4 = Right Angle Header
③ No. of Circuits : see above table
④ Plating Code : 1 = Tin over Nickel
⑤ Variation:
0 = UL 94V-2 (with mounting ears)
1 = UL 94V-2 (without mounting ear and peg)
2 = UL 94V-0 (with mounting ears)
3 = UL 94V-0 (without mounting ear and peg)
4 = UL 94V-2 (with mounting pegs)
5 = UL 94V-0 (with mounting pegs)
⑥ Other Options : S = Single Row Header
*Special options consult manufacturer

CP32 Series 5.08mm (.200") Power Connectors

◎ Power connector for Disk Driver
◎ Can be used with CP32 Crimp terminal
◎ Nylon 66 UL 94V-2, Color Nature
◎ Terminal: Tin plated Brass

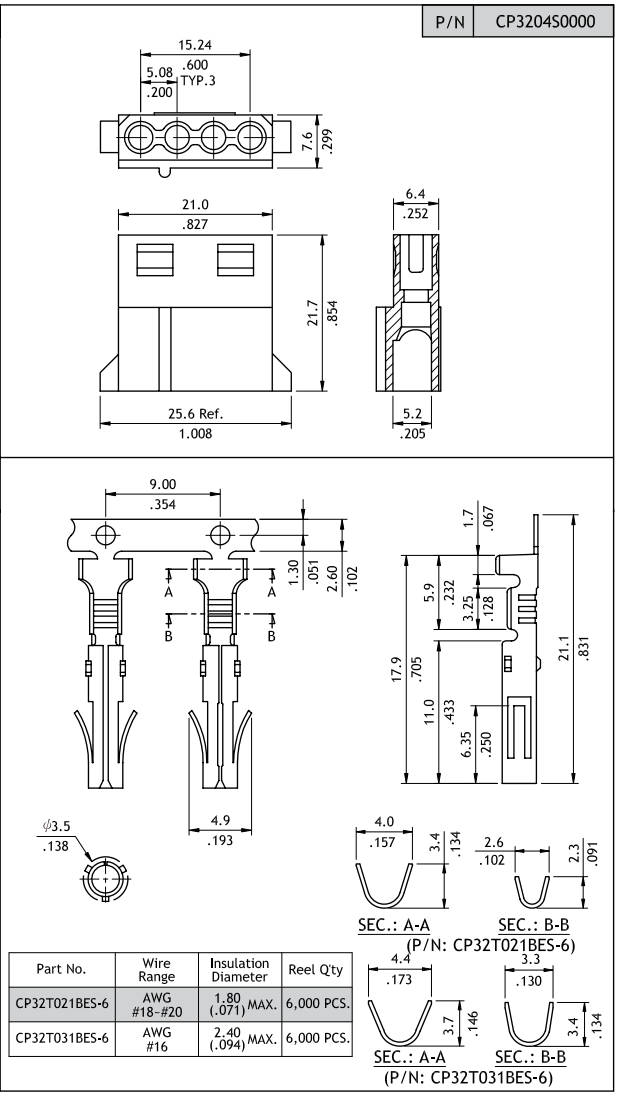
RoHS Compliant

P/N CP3204P0000



Part No.	Wire Range	Insulation Diameter	Reel Q'ty
CP32T021BEP-6	AWG #18~#20	1.80 (.071) MAX.	6,000 PCS.
CP32T031BEP-6	AWG #16	2.40 (.094) MAX.	6,000 PCS.

P/N CP3204S0000



Part No.	Wire Range	Insulation Diameter	Reel Q'ty
CP32T021BES-6	AWG #18~#20	1.80 (.071) MAX.	6,000 PCS.
CP32T031BES-6	AWG #16	2.40 (.094) MAX.	6,000 PCS.

Ordering Code

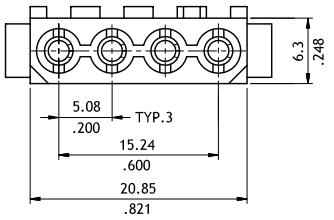
①	②	③	④	⑤
CP32	04	S	0	000

① Series No.
② No. of Circuits: 04
③ Type: P = Plug
S = Receptacle
④ Color:0 = Nature
⑤ Other Options:
000 = Standard
*Special options consult manufacturer

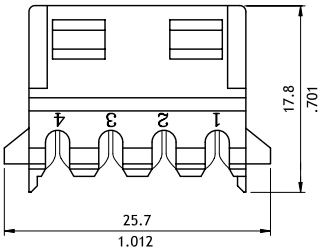
CP33 Series 5.08mm (.200") IDC Receptacle Power Connectors

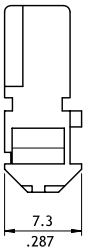
- ◎ Insulator displacement termination
- ◎ Option closed end daisy chain cover
- ◎ Mates with CP32 or CP33 plug connector
- ◎ Accept AWG #18 ~#22 wire
- ◎ Nylon 66 UL 94V-0 or V-2 Color Nature
- ◎ Contact: Tin plated Phosphor Bronze

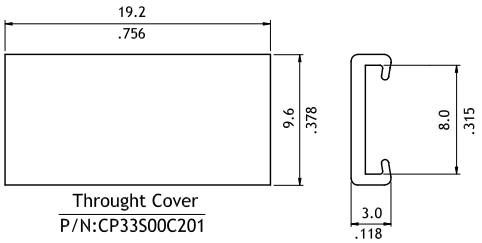
RoHS Compliant



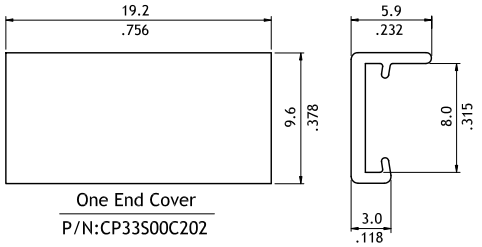
Part No.	Flame Class	Wire Range
CP3304S1000	94V-2	AWG #18~#20
CP3304S100A	94V-2	AWG #22
CP3304S100B	94V-0	AWG #18~#20
CP3304S100C	94V-0	AWG #22







Throught Cover
P/N:CP33S00C201

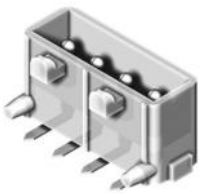


One End Cover
P/N:CP33S00C202

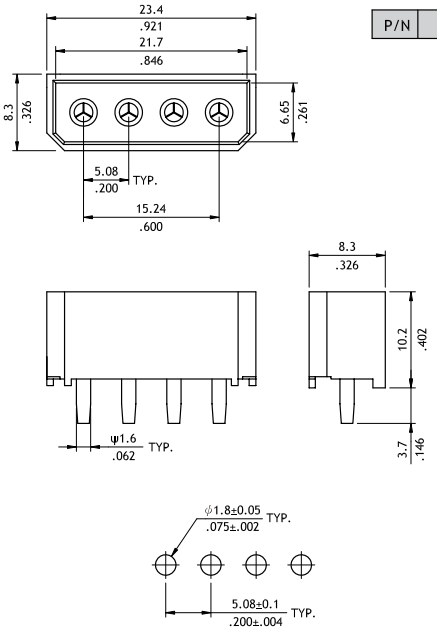
CP33 Series 5.08mm (.200") Board Mount Plug Power Connectors

- ◎ Optional mounting pegs
- ◎ Mate with CP32 or CP33 Receptacle connector
- ◎ Nylon 66 UL V-2 Color Nature
- ◎ Contact: Tin plated Brass

RoHS Compliant

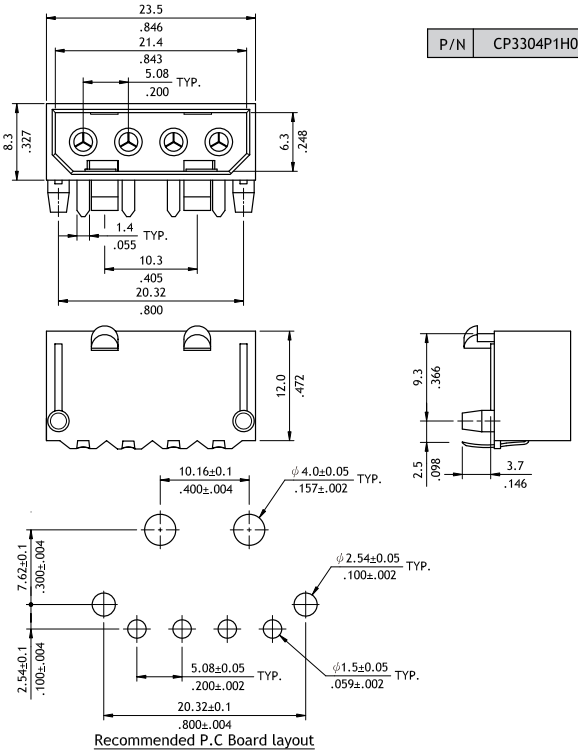


P/N CP3304P1V00



Recommended P.C Board layout

P/N CP3304P1H00



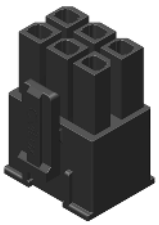
Recommended P.C Board layout

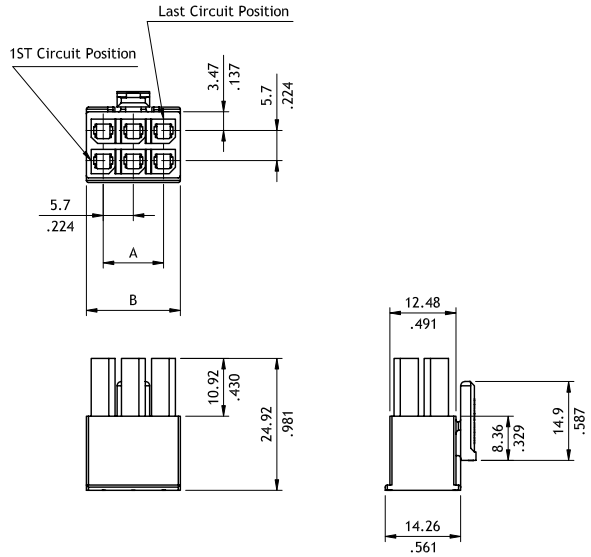
CP60 Series 5.7mm (.224) Dual Row Receptacle Connectors

◎ Mate with CP60 Header
◎ Can be used with CP60 Crimp Clip terminal
◎ Insulator : UL 94V-0 , Color Black
◎ Terminal accmmodated AWG#12~#16
◎ Maximum applied current 23A

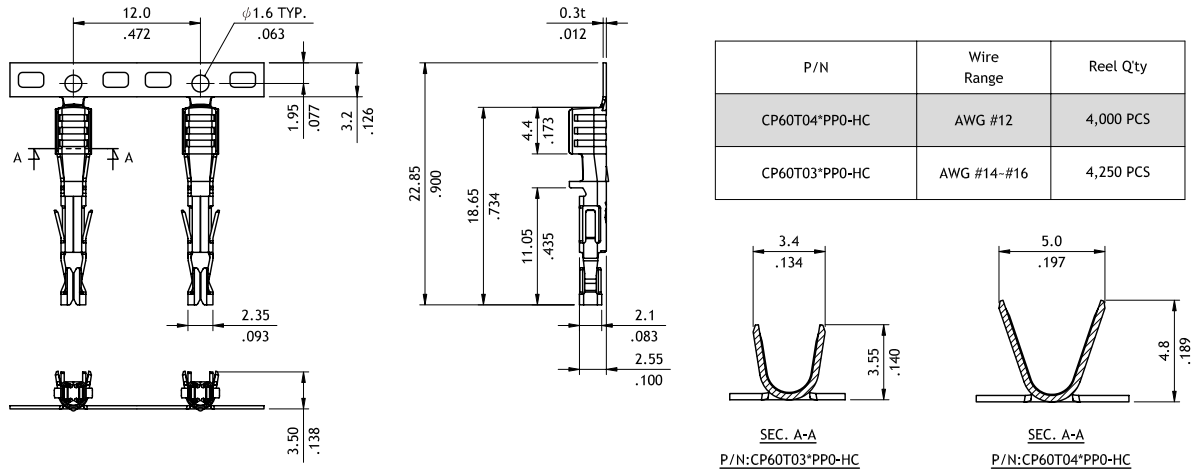
RoHS Compliant

NEW





Circuits	Dimension	
	A	B
2	-	8.35(.329)
4	5.7(.224)	12.05(.474)
6	11.4(.449)	17.75(.699)
8	17.1(.673)	23.45(.923)
10	22.8(.898)	29.15(1.148)
12	28.5(1.122)	34.85(1.372)



P/N	Wire Range	Reel Q'ty
CP60T04*PP0-HC	AWG #12	4,000 PCS
CP60T03*PP0-HC	AWG #14~#16	4,250 PCS

Ordering Code

① CP60 ② 12 ③ S ④ N01 ⑤ 0

① Series No.
② No. of Circuits: 02 ~ 12
③ S = Housing
④ Color: N01 = Black Color
⑤ Other options : 0= Standard

① CP60 ② T04 ③ 1 ④ PP ⑤ 0 - ⑥ HC

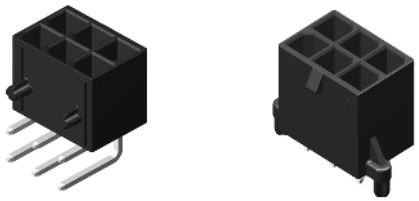
① Series No.
② Wire Range: T04 = AWG #12 , T03 = AWG #14 - #16
③ Plating Code:
1 = Tin over Nickel
B = Selective 15μ" Gold flash over Nickel
C = Selective 30μ" Gold flash over Nickel
④ Plating method : PP =Post plating
⑤ Options: 0 = Standard
⑥ HC= High Current Copper Alloy

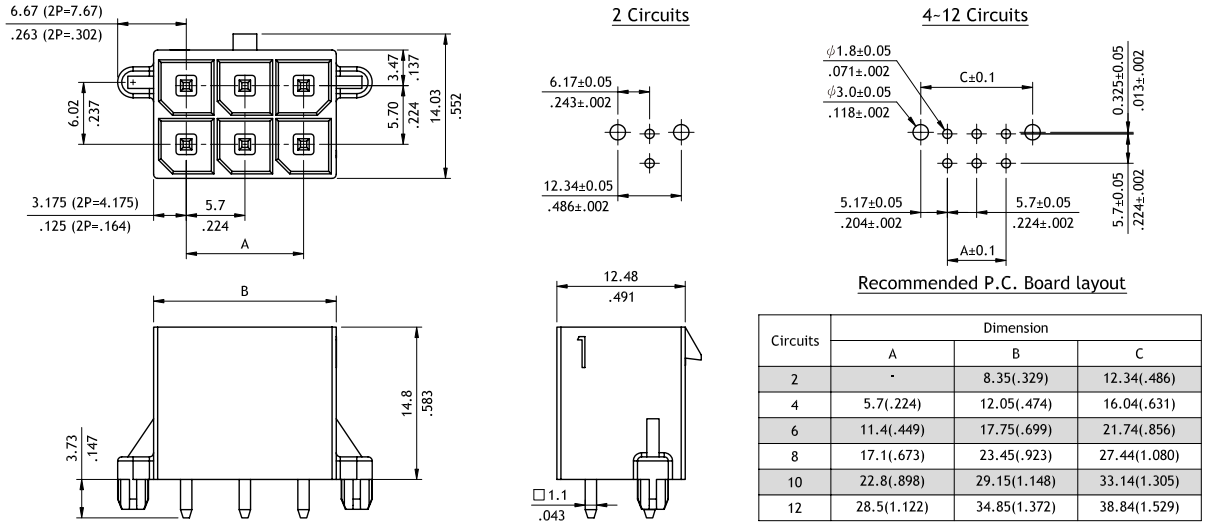
CP60 Series 5.7mm (.224) Dual Row Board Mount Header

◎ Mate with CP60 Connector
◎ High temperature plastic UL 94V-0
◎ With PCB mounting pegs
◎ Maximum applied current 23A

RoHS Compliant

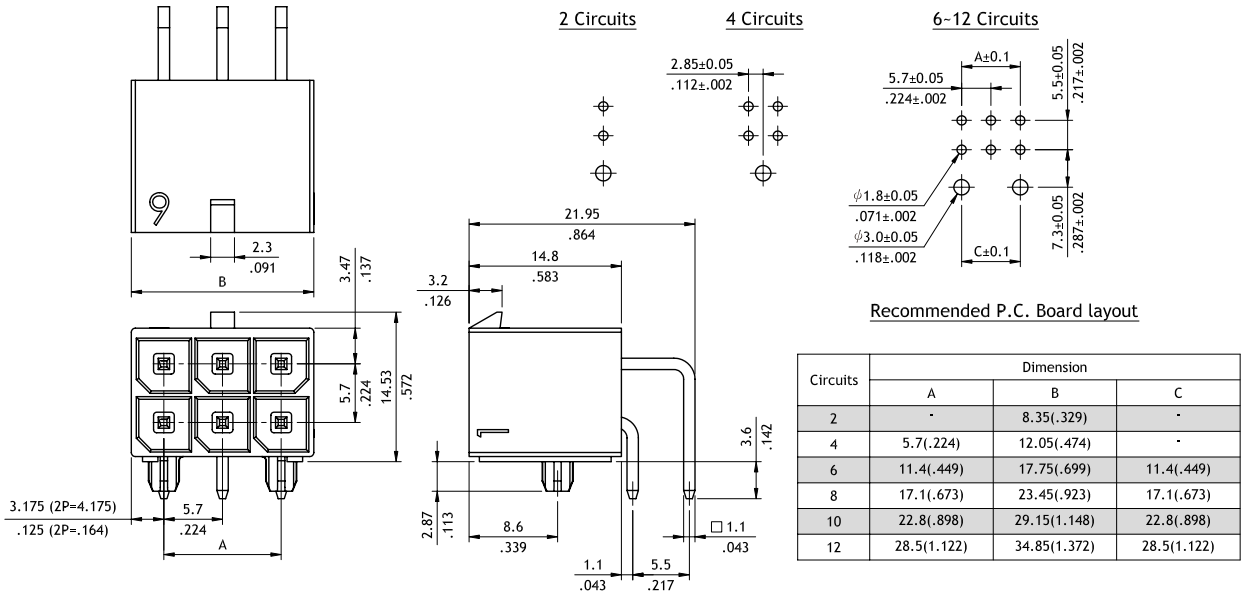
NEW





Recommended P.C. Board layout

Circuits	Dimension		
	A	B	C
2	-	8.35(.329)	12.34(.486)
4	5.7(.224)	12.05(.474)	16.04(.631)
6	11.4(.449)	17.75(.699)	21.74(.856)
8	17.1(.673)	23.45(.923)	27.44(1.080)
10	22.8(.898)	29.15(1.148)	33.14(1.305)
12	28.5(1.122)	34.85(1.372)	38.84(1.529)



Recommended P.C. Board layout

Circuits	Dimension		
	A	B	C
2	-	8.35(.329)	-
4	5.7(.224)	12.05(.474)	-
6	11.4(.449)	17.75(.699)	11.4(.449)
8	17.1(.673)	23.45(.923)	17.1(.673)
10	22.8(.898)	29.15(1.148)	22.8(.898)
12	28.5(1.122)	34.85(1.372)	28.5(1.122)

Ordering Code

①	②	③	④	⑤	⑥	⑦
CP60	12	P	1	V	00	- NH

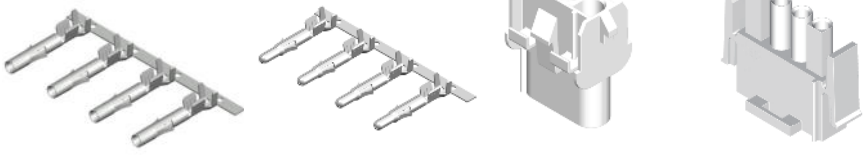
① Series No.
② No. of Circuits: 02 ~ 12
③ P = DIP Type
④ Plating Code:
1 = Tin over Nickel
B= Selective 15μ" Gold flash over Nickel
C= Selective 30μ" Gold flash over Nickel
⑤ Type
V=Straight Type
H=Right Angle Type
⑥ Option : 00=Standard
⑦ NH = For Lead Free soldering process and Halogen-Free

CP08 Series 6.35mm (.250) Single Row Power Connectors

◎ Can be used CP08 Crimp Clip terminal
◎ Insulator Nylon 66 UL 94V-0 , Color Nature
◎ Mate with CP08 Header
◎ Terminal accommodated AWG#14~#20

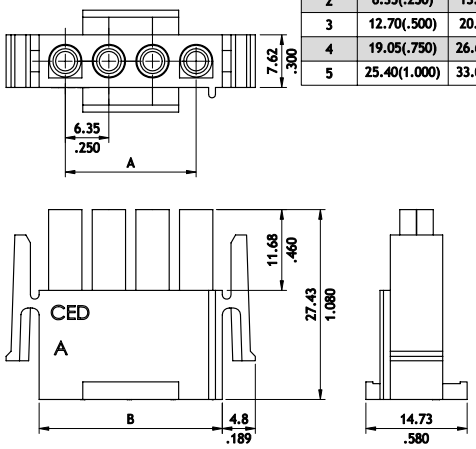
NEW

RoHS Compliant

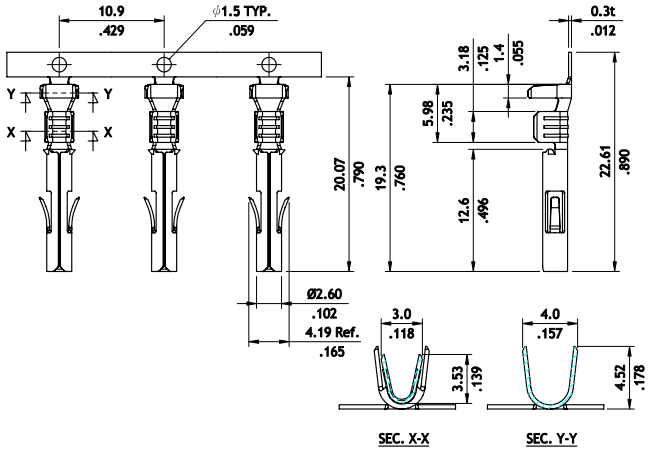


P/N CP08**SCS00

Circuits	Dimension A	Dimension B
2	6.35(.250)	13.97(.550)
3	12.70(.500)	20.32(.800)
4	19.05(.750)	26.67(1.050)
5	25.40(1.000)	33.02(1.300)

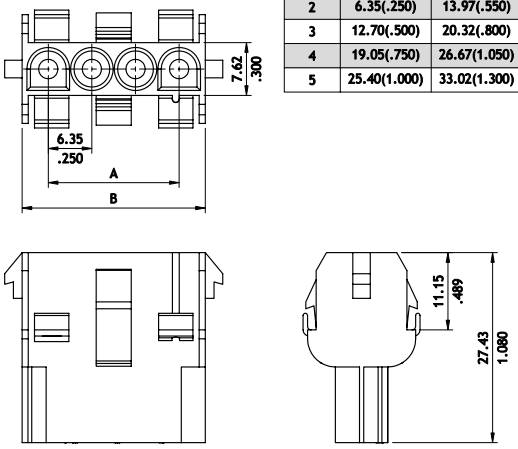


P/N CP08TC3***S

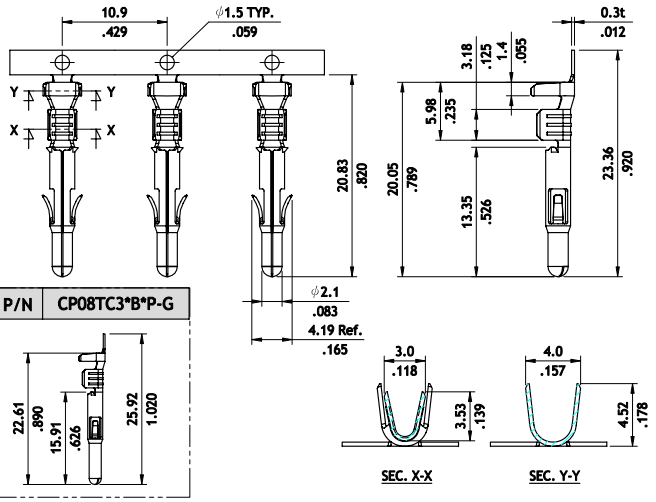


P/N CP08**PCS00

Circuits	Dimension A	Dimension B
2	6.35(.250)	13.97(.550)
3	12.70(.500)	20.32(.800)
4	19.05(.750)	26.67(1.050)
5	25.40(1.000)	33.02(1.300)



P/N CP08TC3***P



P/N CP08TC3*B*P-G

Ordering Code

①	②	③	④	⑤	①	②	③	④	⑤	⑥
CP08	10	S	CS	00	CP08	TC3	1	P	EP	- G

① Series No.
② No. of Circuits: 02 ~ 06 , 08 ,10
③ S = Receptacle Housing
P = Plug Housing
④ Type: CS = Single Row
⑤ Other Option: 00 = Standard

① Series No.
② Wire Range: TC3 = AWG #14 ~ #20
③ Plating Code :
1 = Tin over Nickel
C = Selective 30μ" Gold flash over Nickel
④ Material: P = Phosphor Bronze
B = Brass

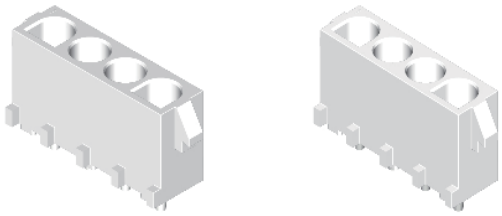
⑤ Option:
ES = Receptacle Terminal (Tin)
EP = Plug Terminal (Tin)
PS = Receptacle Terminal (Gold)
PP = Plug Terminal (Gold)
⑥ G = Ground Type
(Only for Plug terminal)

CP08 Series 6.35mm (.250) Single Row Power Connectors

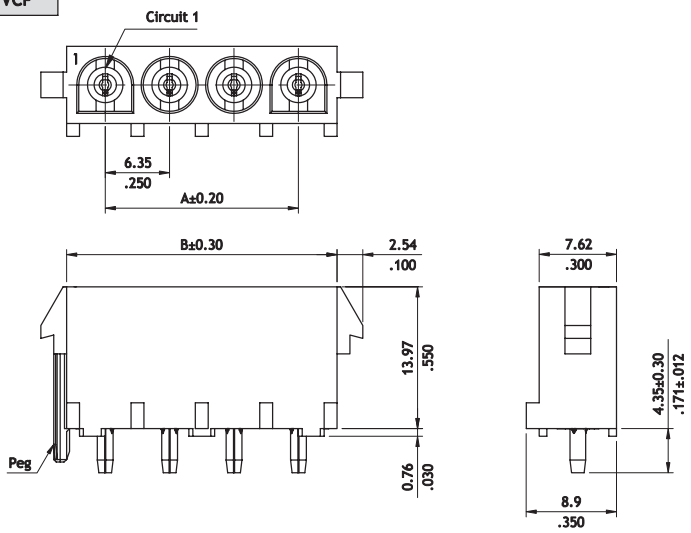
◎ Insulator Nylon 66 UL 94V-0 , Color Nature
◎ Mate with CP08 Housing
◎ With PCB mounting pegs

NEW

RoHS Compliant

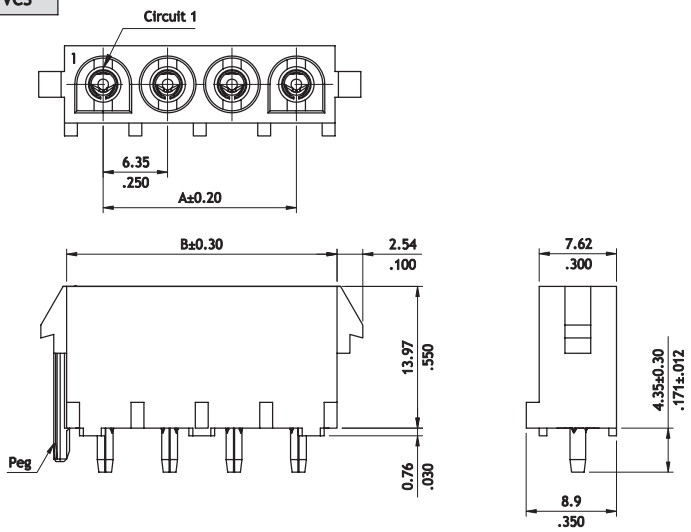


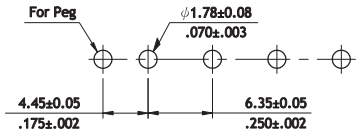
P/N CP08**P1VCP



Circuits	Dimension	
	A	B
2	6.35	13.97
3	12.70	20.32
4	19.05	26.67
5	25.40	33.02

P/N CP08**P1VCS





Recommended P.C. Board layout

Ordering Code

①	②	③	④	⑤	⑥	⑦
CP08	05	P	1	V	C	P

① Series No.
② No. of Circuits: 02 ~ 05
③ Concact Type : P = Board mount type
④ Plating Code :1 = Tin over Nickel
⑤ Type: V=Straight Type
⑥ Material: C = Single Row
⑦ Other Options: P = Male contact
S = Female contact

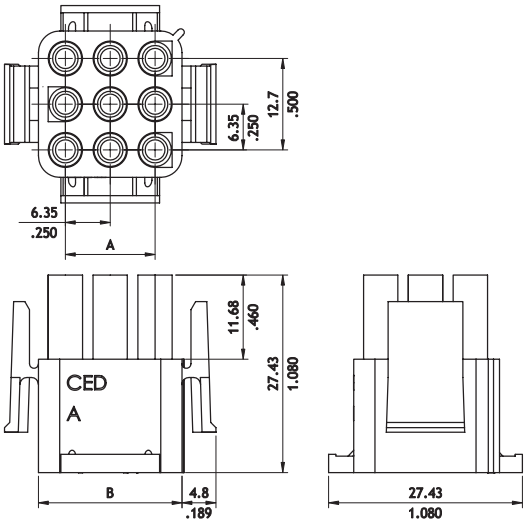
CP08 Series 6.35mm (.250) Triple Row Power Connectors

◎ Can be used CP08 Crimp Clip terminal
◎ Insulator Nylon 66 UL 94V-0 , Color Nature
◎ Mate with CP08 Triple Row Header
◎ Terminal accommodated AWG#14~#20

NEW

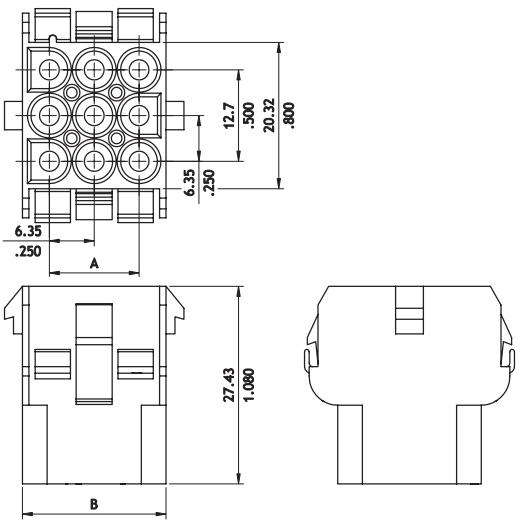
RoHS Compliant

P/N	CP08**SCT00
Mate with CP08TC3***S	



Circuits	Dimension	
	A	B
6	6.35(.250)	13.97(.550)
9	12.70(.500)	20.32(.800)
12	19.05(.750)	26.67(1.050)
15	25.40(1.000)	33.02(1.300)

P/N	CP08**PCT00
Mate with CP08TC3***P	



Circuits	Dimension	
	A	B
6	6.35(.250)	13.97(.550)
9	12.70(.500)	20.32(.800)
12	19.05(.750)	26.67(1.050)
15	25.40(1.000)	33.02(1.300)

Ordering Code

① CP08 ② 12 ③ S ④ CT ⑤ 00

① Series No.
② No. of Circuits: 06 , 09 , 12 , 15
③ S = Receptacle Housing
④ Type : CT = Triple Row
⑤ Other options : 00= Standard

① CP08 ② 10 ③ P ④ CT ⑤ 00

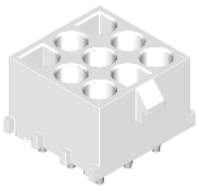
① Series No.
② No. of Circuits: 06 , 09 , 12 , 15
③ P = Plug Housing
④ Type : CT = Triple Row
⑤ Other options : 00= Standard

CP08 Series 6.35mm (.250) Triple Row Power Connectors

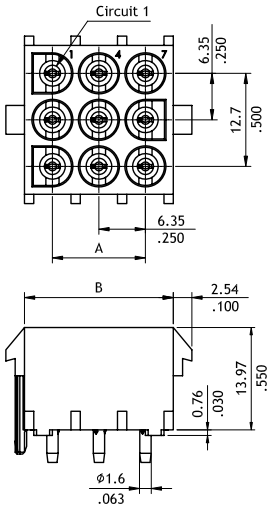
◎ Insulator Nylon 66 UL 94V-0 , Color Nature
◎ Mate with CP08 Triple Row Header
◎ Option PCB mounting ped

NEW

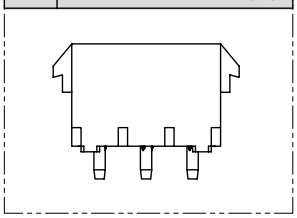
RoHS Compliant



P/N	CP08**P1VDP

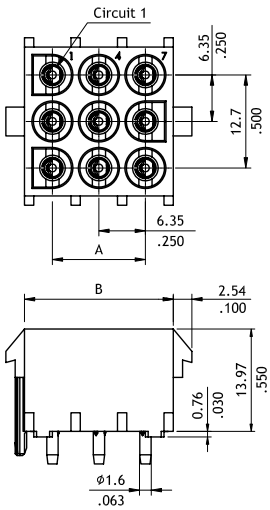


P/N	CP08**P1VDP-N (without peg)

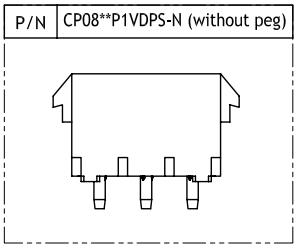


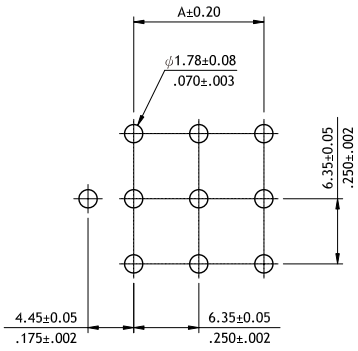
Circuits	Dimensions	
	A	B
06	6.35(.250)	13.97(.550)
09	12.70(.500)	20.32(.800)
12	19.05(.750)	26.67(1.050)
15	25.40(1.000)	33.02(1.300)

P/N	CP08**P1VDS



P/N	CP08**P1VDPS-N (without peg)



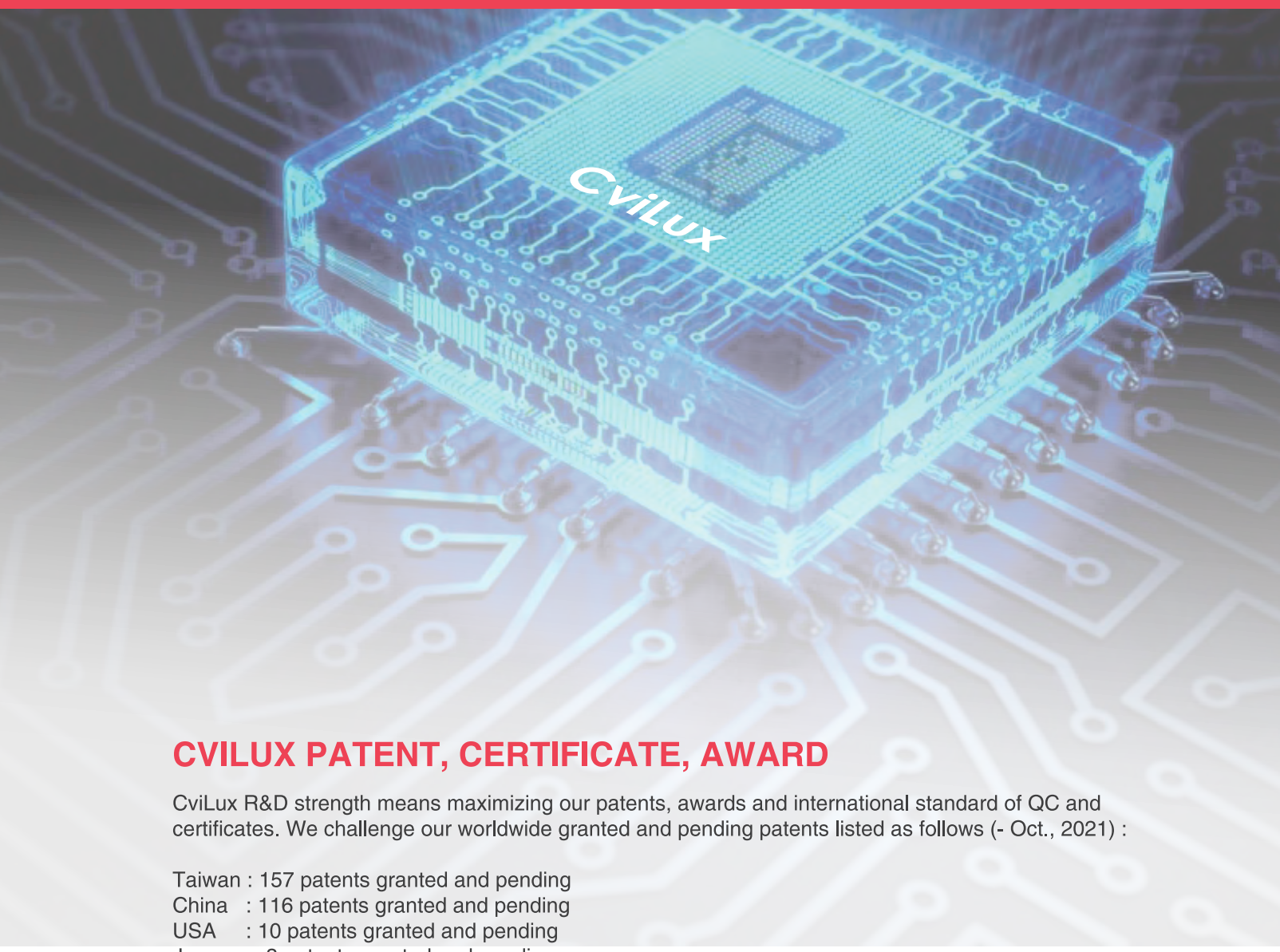


Recommended P.C. Board layout

Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧
CP08	06	P	1	V	D	P	- N

① Series No.
② No. of Circuits: 06, 09, 12,15
③ Concact Type : P = Plug
④ Plating Code :1 = Tin over Nickel
⑤ Type: V=Straight Type
⑥ Material: D = Nylon 66 , UL 94V-0 (Triple Row)
⑦ Other Options : P = Male conact
S = Female conact
⑧ N = Without Peg
*Code 8 for without peg type only



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.

CviLux Group

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.

Apple MFi Manufacturer

IATF 16949 | ISO 9001 | ISO 14001 | QC080000 | OHSAS18001 | ISO14064


Taiwan


South China (Dongguan)


South China (Qunhan)


East China


West China


Central China


Lao