

REV.	SPECIFICATION	ECN NO.	APPD.
X1			

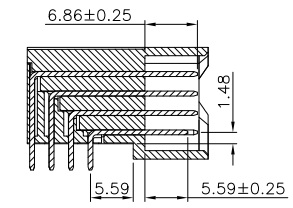
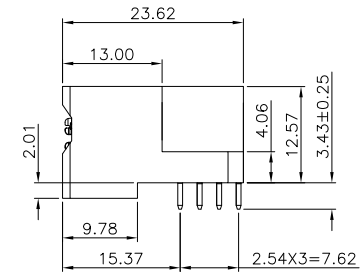
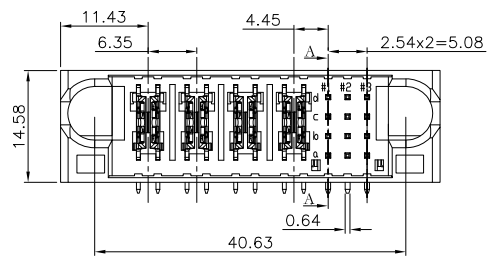
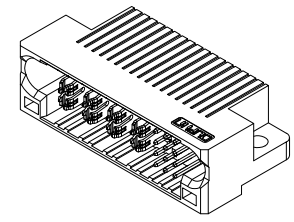
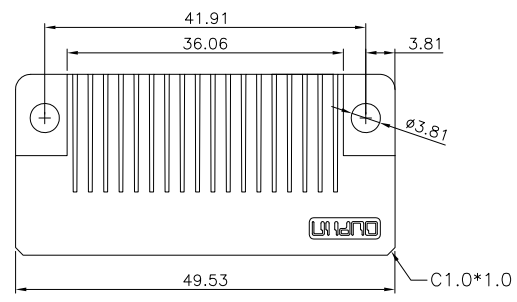
Material and Plating:
Housing: LCP, UL94V-0, BLACK.
Power Contacts: High Conductivity Copper, 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over Nickel 50u" Min .
Signal Contacts: Brass, 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over Nickel 50u" Min .

Electrical Characteristics:
Current Rating: Signal Pin 2.5 AMP.
Power Pin 30 AMP.
Dielectric Withstanding Voltage:
Signal Pin DC 1000V For 1 minute.
Power Pin DC 2500V For 1 minute.
Insulator Resistance: Signal Pin 5000MΩ min. at DC 500V.
Power Pin 20000MΩ min. at DC 500V.
Contact Resistance: Signal Pin 15mΩ max. at DC 20mA.
Power Pin 0.7mΩ max. at DC 20mA.
Operating Temperature: -40°C ~+105°C .

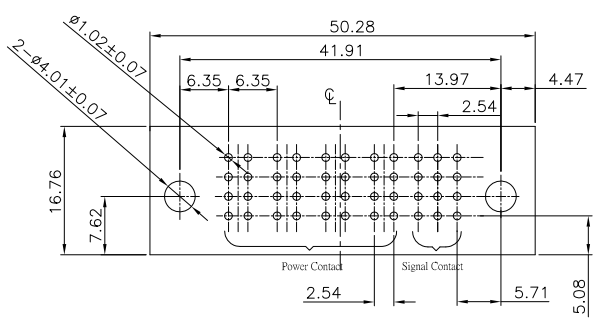
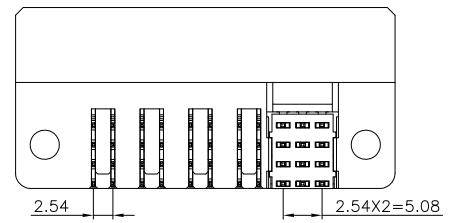
***RoHS Compliant**
Notes 1 :
H: High density Power---PCB Mount 5.08mm Pitch
P: DC Power---PCB Mount 6.35mm Pitch
A: AC Power---PCB Mount 7.62mm Pitch
S: Signal---PCB Mount 2.54mm Pitch
Notes 2 :
A1 Contact Length is 5.59mm.
Other Pin Contact Length is 6.86mm.
Plastic reduction to prevent hitting the mechanism .
Add a rounded corner to the edge of the round hole.
Add a bevel to the edge of the insert side.

ROWS	POWER				SIGNAL		
	P1	P2	P3	P4	1	2	3
D	MS	MS	MS	MS	G	G	G
C	MS	MS	MS	MS	G	G	G
B	MS	MS	MS	MS	G	G	G
A	MS	MS	MS	MS	E	G	G

SIGNAL PIN CONTACT LENGTH 4.32mm	H
SIGNAL PIN CONTACT LENGTH 5.59mm	E
SIGNAL PIN CONTACT LENGTH 7.05mm	F
SIGNAL PIN CONTACT LENGTH 6.86mm	G
HOT PLUG POWER CONTACT.STD	MS



Section:A-A
Scale:1:1



P.C.Board Layout
(Tolerance:±0.05)

9391-A 1 P04 S12 CB 30 D A -A042

Series
1: Male Right-angle
Blank:Without Contact
Power Contact: Hx, Px, Ax
No. of position
Blank:Without Contact
Signal Contact: S_{xx}
No. of position
Internal Code
A: Tray Package
D: Dip Type
30: 30u"
CB: Dip Tin Plated Contact Au+Pd/Ni Plated

Tolerances	Dwg. No.	9391-D0000-376	Title:
x = ±0.5	Projection		9391 Series Male Right-angle Dip Type
.x = ±0.25	Unit	mm	
.xx = ±0.15	Scale	1:1	
	Drawn By	XS 03/25'23	

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A1P04S12CB30DA-A042			
SHEET	1/1	Ver. No.	X1