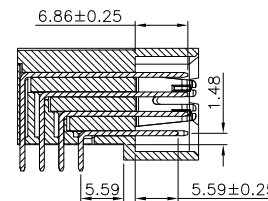
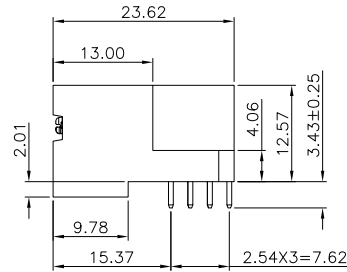
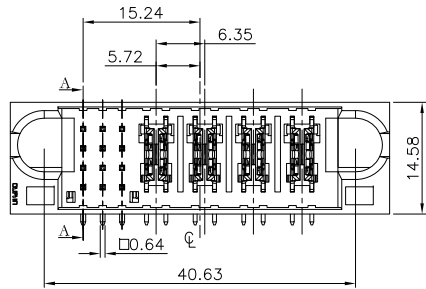
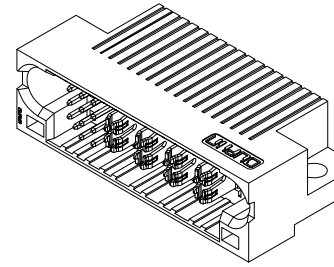
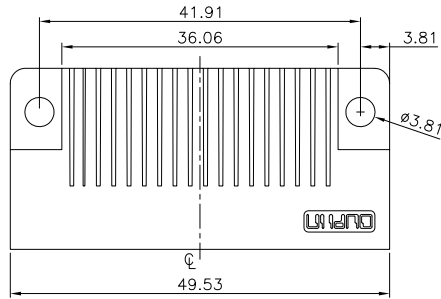
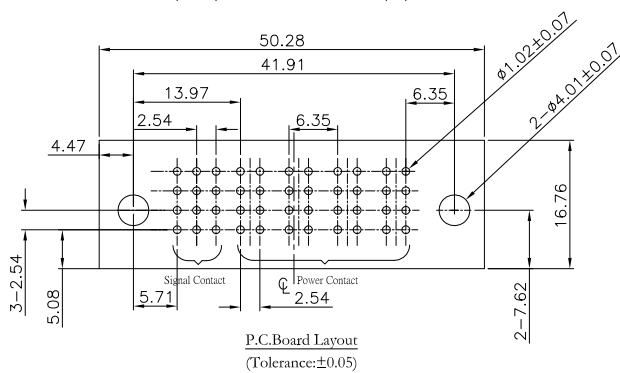
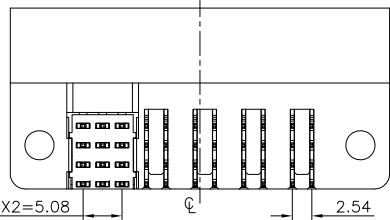


REV.	SPECIFICATION	ECN NO.	APPD.
R3		ECN220821	



Section:A-A
Scale:1:1



9391-A 1 S12 P04 CB 30 D A -A019
 Series 1: Male Right-angle
 Blank:Without Contact
 Signal Contact: S_{xx}
 No. of position
 Blank:Without Contact
 Power Contact: H_x, P_x, A_x
 No. of position
 Internal Code
 A: Tray Package
 D: Dip Type
 30: 30u"
 CB: Dip Tin Plated
 Contact Au+Pd/Ni Plated

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.

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

Tolerances	Dwg. No.	9391-D0000-192
x = ±0.5	Projection	
.x = ±0.25	Unit	mm
.xx = ±0.15	Scale	1:1
	Drawn By	ZY 10/14'22

Title:
 9391 Series
 Male Right-angle Dip Type

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A1S12P04CB30DA-A019			
SHEET	1/1	Ver. No.	R3