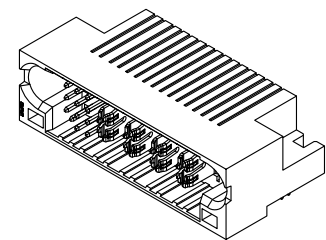
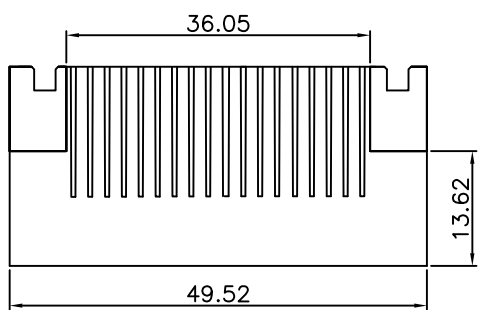


REV.	SPECIFICATION	ECN NO.	APPD.
X4		ECN191210	



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.
Lock: Phosphor Bronze.

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.

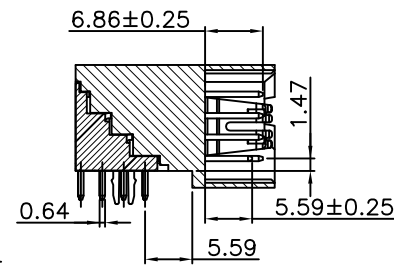
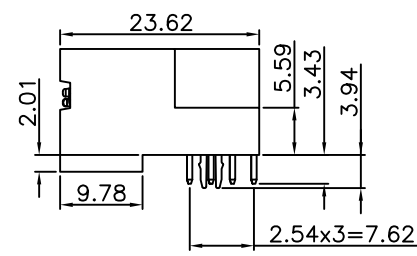
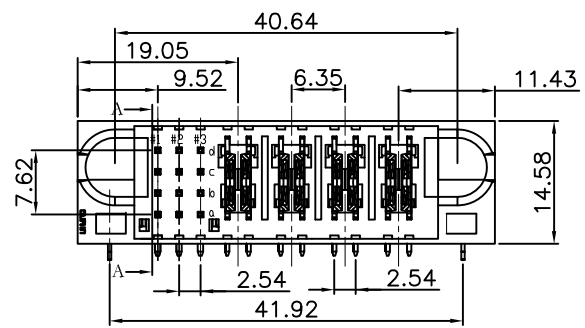
***RoHS Compliant**

Notes 1:

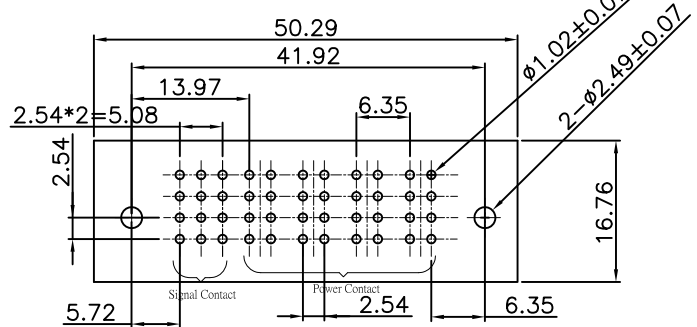
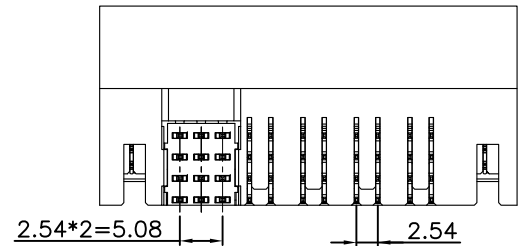
H: High density Power---PCB Mount 5.08mm Pitch
 P: DC Power---PCB Mount 6.35mm Pitch
 A: AC Power---PCB Mount 7.62mm Pitch
 S: Signal---PCB Mount 2.54mm Pitch

Notes 2:

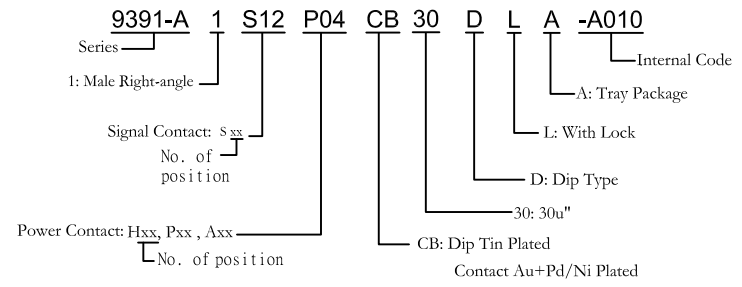
A1 Contact Length is 5.59mm.
 Other Pin Contact Length is 6.86mm.



Section:A-A
 Scale:1:1



P.C.Board Layout
 (Tolerance:±0.05)



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

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-D0000-116	Title:	9391 Series
x = ±0.5	Projection		Male Right-angle Dip Type	
.x = ±0.25	Unit	mm	Scale	1:1
.xx = ±0.15	Drawn By	bo-min 12/05'19		

OUPIN
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.
 P/N: 9391-A1S12P04CB30DLA-A010
 SHEET 1/1 Ver. No. X4