

REV.	SPECIFICATION	ECN NO.	APPD.
X3		ECN250416	

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 under plated .

Signal Contacts : Brass.

30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min under plated .

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 5000M Ω min. at DC 500V.

Power Pin 20000M Ω min. at DC 500V.

Contact Resistance: Signal Pin 15m Ω max. at DC 20mA.

Power Pin 0.7m Ω max. at DC 20mA.

Operating Temperature: -40°C ~+105°C .

*RoHS Compliant

Notes:

H: High density Power---PCB Mount 5.08mm Pitch

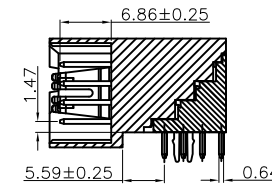
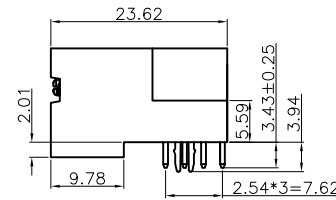
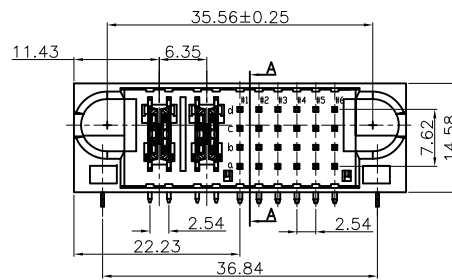
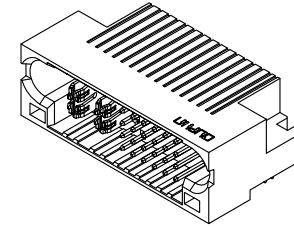
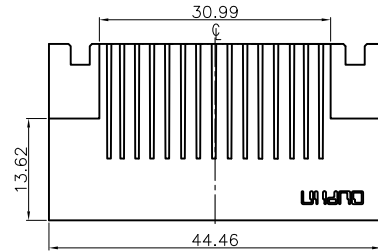
P: DC Power---PCB Mount 6.35mm Pitch

A: AC Power---PCB Mount 7.62mm Pitch

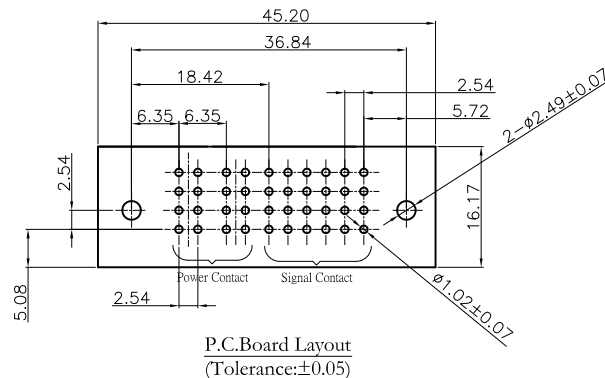
S: Signal---PCB Mount 2.54mm Pitch

ROWS		POWER		SIGNAL						
		P1	P2	1	2	3	4	5	6	
D				G	G	G	G	G	G	
C				G	G	G	G	G	G	
B				G	G	G	G	G	G	
A				G	G	G	G	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 P02 S24 CB 30 D L A
Series 1: Male Right-angle
Blank:Without Contact
Power Contact: Hxx, Pxx, Axx
No. of position
Blank:Without Contact
Signal Contact: S xx
No. of position
A: Tray Package
Blank: Without Lock
L: With Lock
D: Dip Type
30: 30u"
CB: Dip Tin Plated
Contact Au+Pd/Ni Plated

Tolerances	Dwg. No.	9391-D0000-139
x = ±0.5	Projection	
.x = ±0.25	Unit	mm
.xx = ±0.15	Scale	1:1
	Drawn By	XM 04/07'25

Title:

9391 Series High Power
Plug Right-angle
Dip Type

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N:9391-A1P02S24CB30DLA			
SHEET	1/1	Ver. No.	X3