

REV.	SPECIFICATION	ECN NO.	APPD.
X2			

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 Contact: 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 :

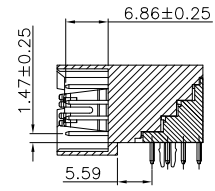
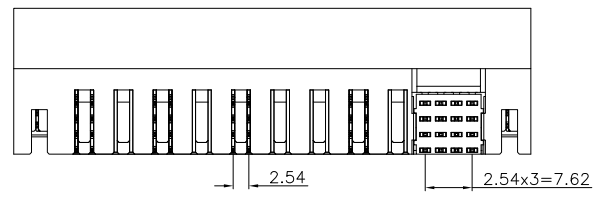
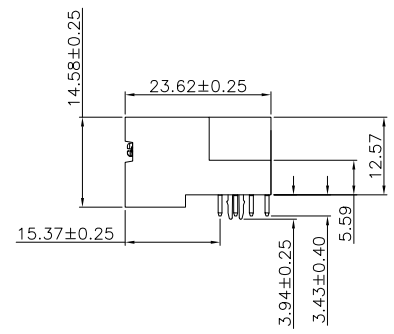
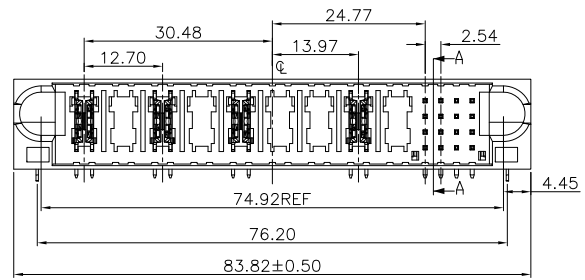
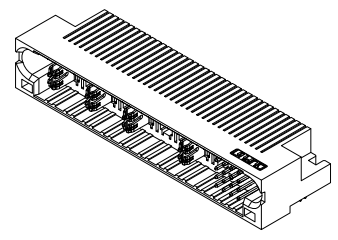
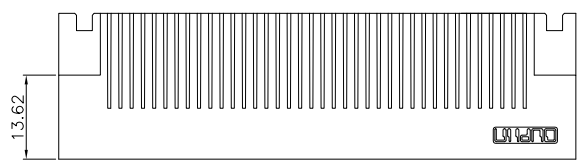
- H: High density Power---PCB Mount 5.08mm Pitch
- P: DC Power---PCB Mount 6.35mm Pitch
- A: AC Power---PCB Mount 7.62mm Pitch
- S: Signal---PCB Mount 2.54mm Pitch

Notes 2 :

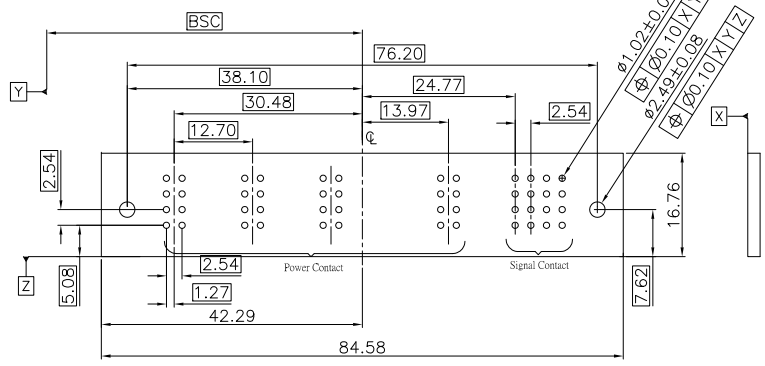
P2, P4, P6, P7, P9 Without Contact.

ROWS		POWER								SIGNAL												
		P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4								
D		MS	MS	MS	MS	MS	MS	MS	MS	MS	GG	GG	GG	GG								
C															GG	GG	GG	GG				
B																			GG	GG	GG	GG
A																						

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 P09 S16 CB 30 D L A -A052

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
 Internal Code
 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-D0000-405		Title:	
x = ±0.5	Projection			9391 Series High Power Plug Right-angle Dip Type	
.x = ±0.25	Unit	mm	Scale		1:1
.xx = ±0.15	Drawn By	XS 12/03'24			

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N:9391-A1P09S16CB30DLA-A052			
SHEET	1/1	Ver. No.	X2