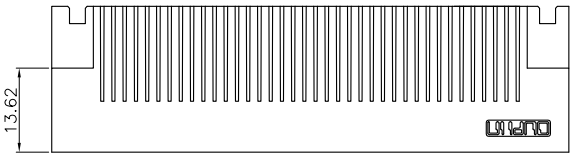
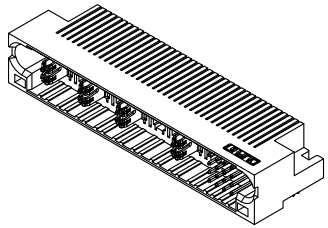
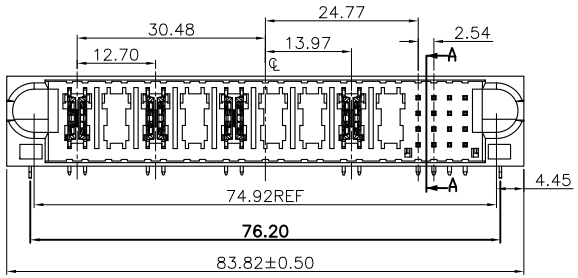
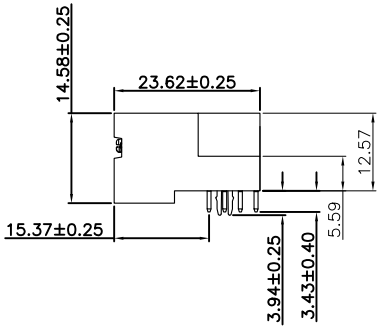
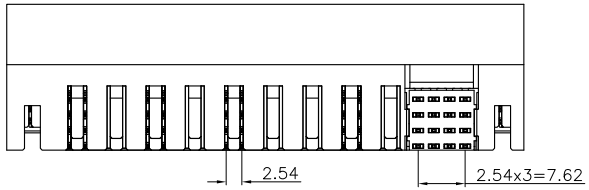
REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN261050	

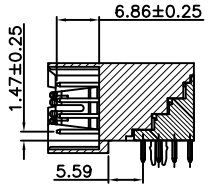




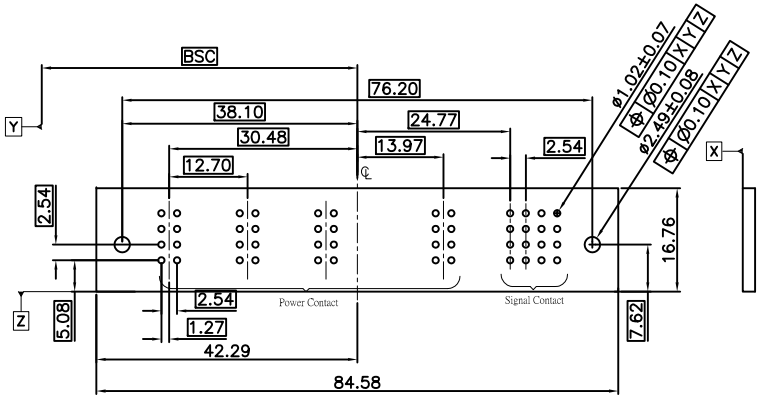








Section:A-A
Scale:1:1



P.C.Board Layout
(Tolerance:±0.05)

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 .

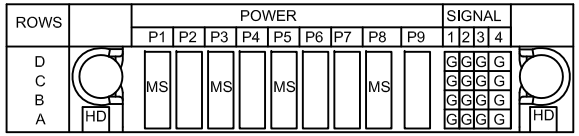
***RoHS & HF Compliant**

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.



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

9391-A 1 P09 S16 CB 30 D L A -A052

- Series: 1: Male Right-angle
- No. of position: Blank:Without Contact; Power Contact: Hxx, Pxx , Axx
- Signal Contact: Blank:Without Contact; S xx — No. of position
- CB: Dip Tin Plated, Contact Au+Pd/Ni Plated
- 30: 30u"
- D: Dip Type
- Blank: Without Lock; L: With Lock
- A: Tray Package
- Internal Code

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 10/31'26	

OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.

P/N:9391-A1P09S16CB30DLA-A052			
SHEET	1/1	Ver. No.	R1