

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 .

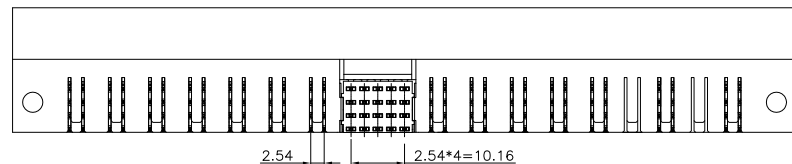
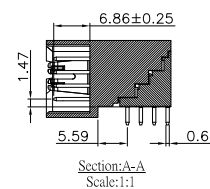
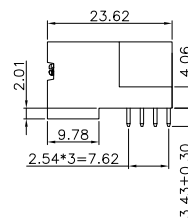
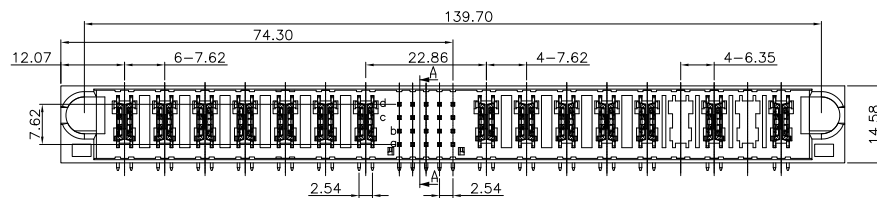
***RoHS Compliant**

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

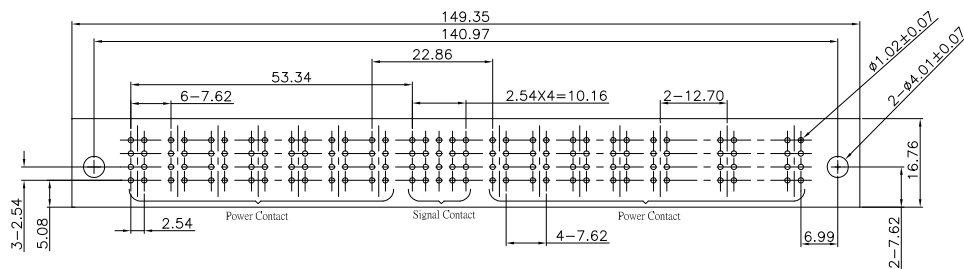
Notes 2 :

P13,P15 Without Contact .

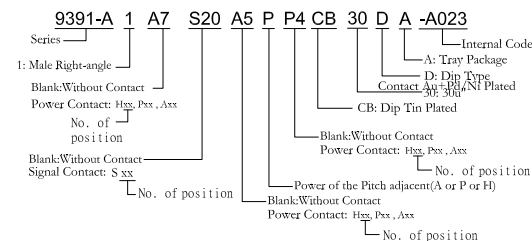


ROWS	POWER							SIGNAL					POWER								
	P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	P8	P9	P10	P11	P12	P13	P14	P15	P16
D								G	G	G	G	G									
C	MS	MS	MS	MS	MS	MS	MS	G	G	G	G	G	MS	MS	MS	MS	MS		MS		MS
B								G	G	G	G	G									
A								G	G	G	G	G									

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



P.C.Board Layout
(Tolerance:±0.05)



Tolerances	Dwg. No.	9391-D0000-228
x = ±0.5	Projection	
.x = ±0.25	Unit	mm
.xx = ±0.15	Scale	1:1
	Drawn By	XS 04/12'23

Title:
9391 Series High Power
Plug Right-angle
Dip Type

OUPIN
OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.
 P/N: 9391-A1A7S20A5PP4CB30DA-A023

SHEET	1/1	Ver. No.	R3
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