

REV.	SPECIFICATION	ECN NO.	APPD.
R2		ECN230938	

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.

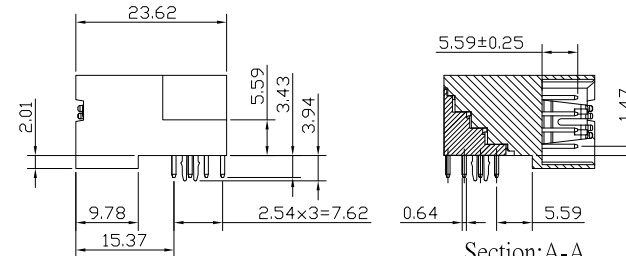
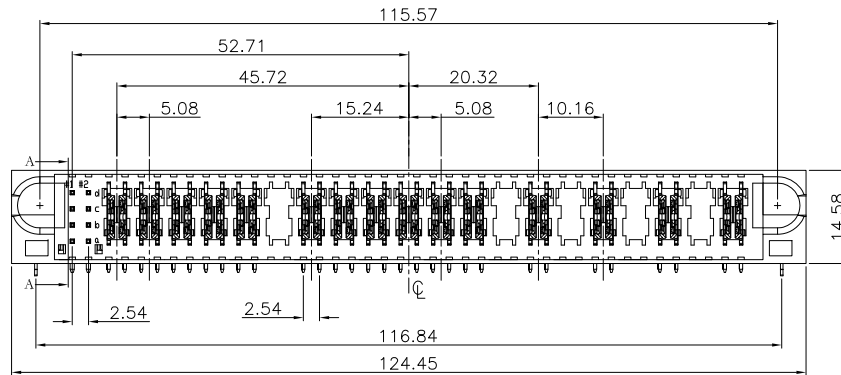
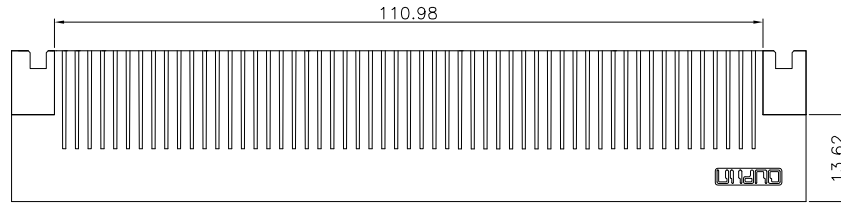
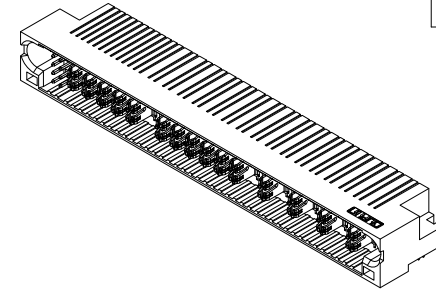
***RoHS Compliant**

Notes 1 :

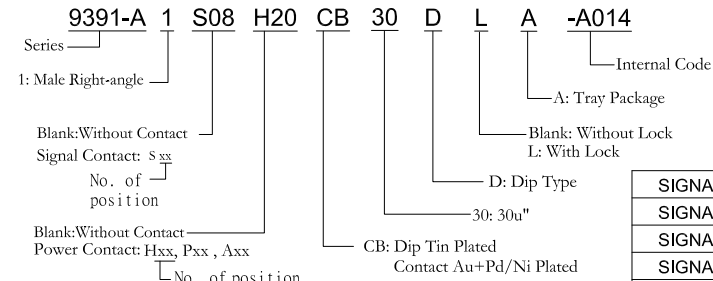
H: High density Power---PCB Mount 5.08mm Pitch
 P: DC Power---PCB Mount 6.35mm Pitch
 A: AC Power---PCB Mount 7.62mm Pitch
 S: Signal---PCB Mount 2.54mm Pitch

Notes 2 :

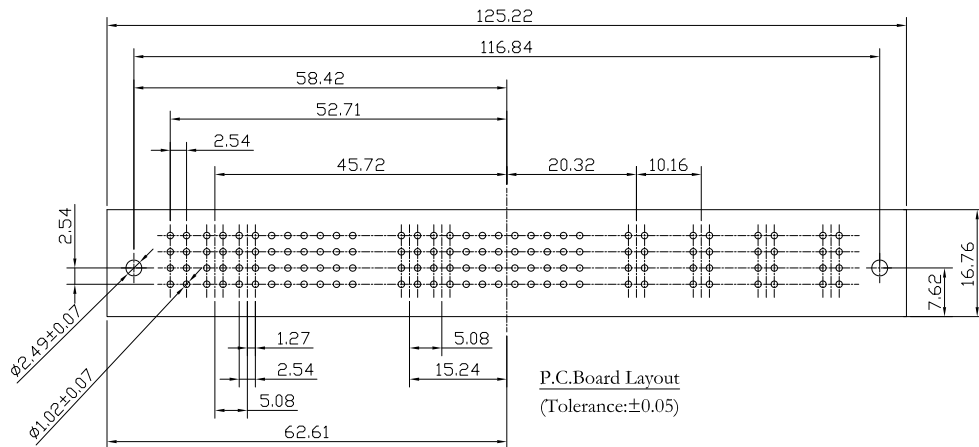
All Contact Length is 5.59mm.
 P6, P13, P15, P17, P19 Without Contact.



Section:A-A
Scale:1:1



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



ROWS	S	POWER																					
		1	2	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20
D	HD	EE	EE	MS	MS	MS	MS	MS	X	MS	MS	MS	MS	MS	MS	X	MS	X	MS	X	MS	X	MS
C	HD	EE	EE	MS	MS	MS	MS	MS	X	MS	MS	MS	MS	MS	MS	X	MS	X	MS	X	MS	X	MS
B	HD	EE	EE	MS	MS	MS	MS	MS	X	MS	MS	MS	MS	MS	MS	X	MS	X	MS	X	MS	X	MS
A	HD	EE	EE	MS	MS	MS	MS	MS	X	MS	MS	MS	MS	MS	MS	X	MS	X	MS	X	MS	X	MS

Tolerances	Dwg. No.	9391-D0000-162	Title:	9391 Series		 OUPIN ELECTRONIC(KUNSHAN) CO., LTD.	
x = ±0.5	Projection		Male Right-angle Dip Type		P/N: 9391-A1S08H20CB30DLA-A014		
.x = ±0.25	Unit	mm	Scale	1:1	SHEET		1/1
.xx = ±0.15	Drawn By	XS 09/25'23			Ver. No.		R2