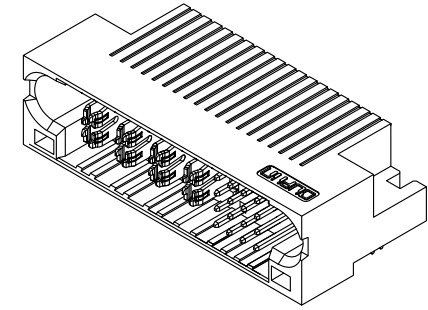


REV.	SPECIFICATION	ECN NO.	APPD.
R4		ECN220821	



Material and Plating:

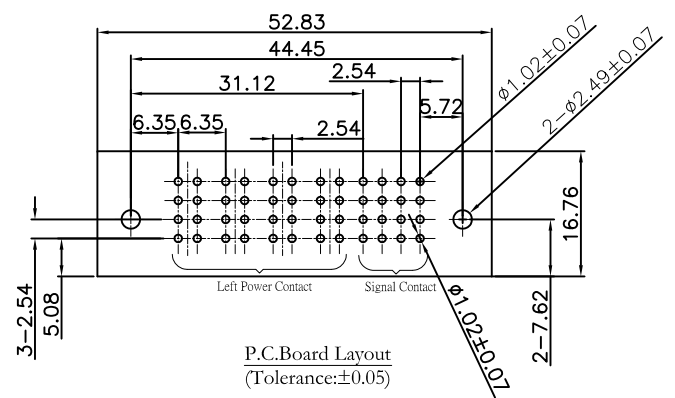
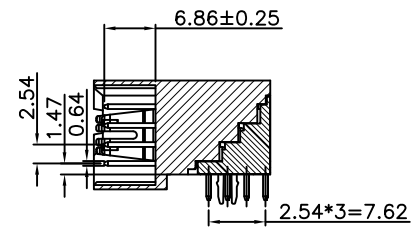
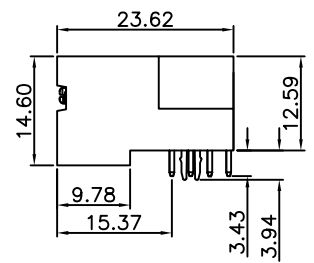
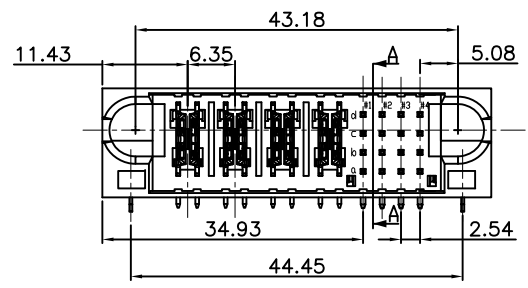
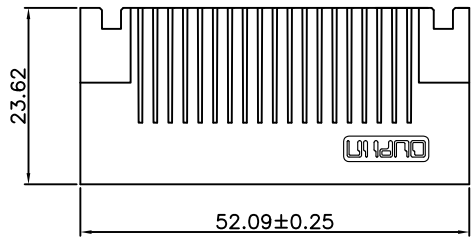
Housing: LCP, UL94V-0, BLACK.
 Power Contacts: High Conductivity Copper.
 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min.
 Signal Contact: Brass.
 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min.
 Lock: Phosphor Bronze.

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



ROWS	LEFT POWER				SIGNAL				
	P1	P2	P3	P4	1	2	3	4	
D	[Symbol]	MS	MS	MS	MS	GGGG	GGGG	GGGG	[Symbol]
C						GGGG			
B						GGGG			
A						GGGG			

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 8.86mm	G
HOT PLUG POWER CONTACT.STD	MS

9391-A 1 P04 S16 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: Sxx
 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-D0000-076	Title:		 OUPIN ELECTRONIC(KUNSHAN) CO., LTD. P/N:9391-A1P04S16CB30DLA				
x = ±0.5	Projection	[Symbol]	9391 Series						
.x = ±0.25	Unit	mm	Scale	1:1	SHEET				
.xx = ±0.15	Drawn By	ZY 08/14'22	Male Right-angle Type		1/1		Ver. No.		R4