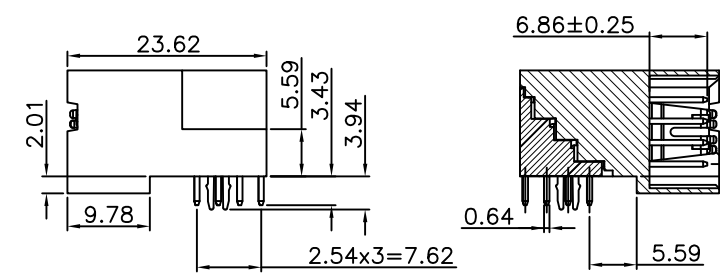
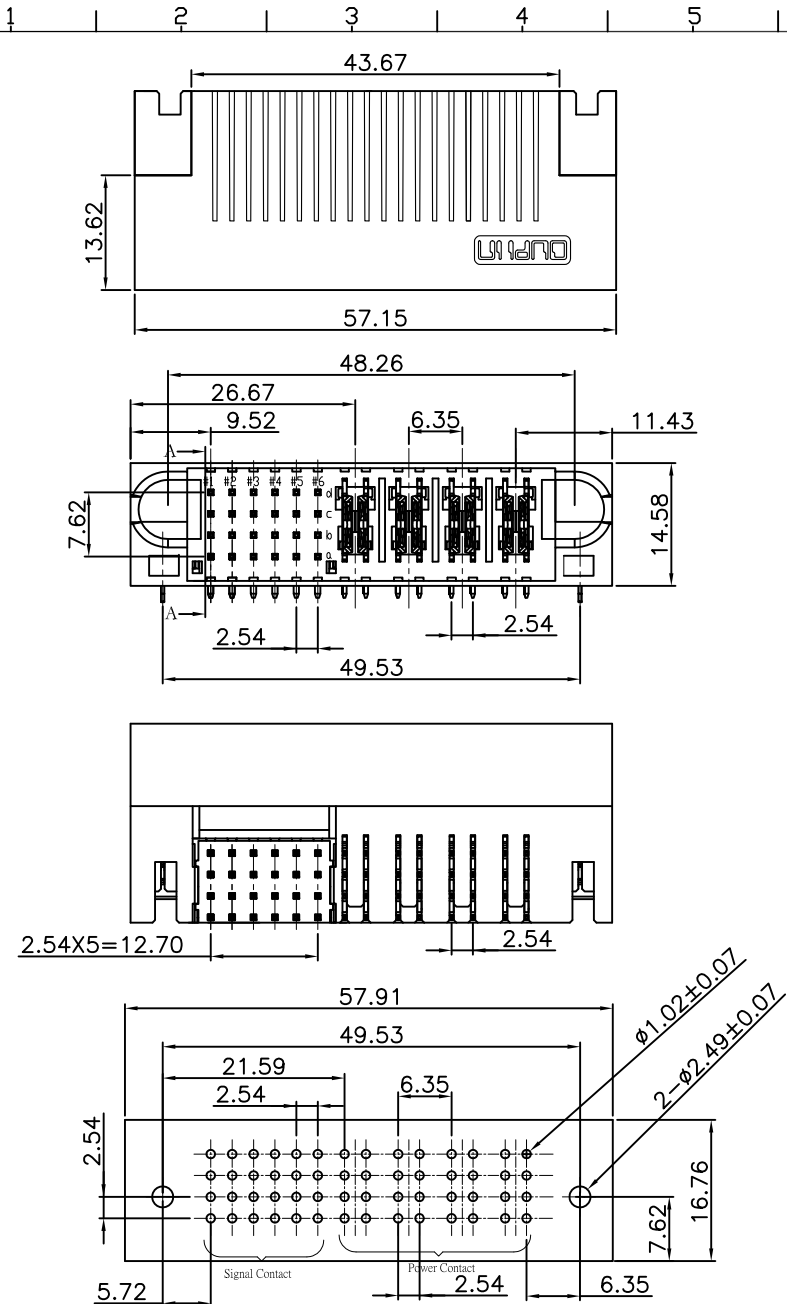


REV.	SPECIFICATION	ECN NO.	APPD.
R5		ECN220530	

**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:**  
 All Contact Length is 6.86mm.



Section:A-A  
Scale:1:1

ROWS	SIGNAL					POWER			
	1	2	3	4	5	P1	P2	P3	P4
D	G	G	G	G	G	MS	MS	MS	MS
C	G	G	G	G	G	MS	MS	MS	MS
B	G	G	G	G	G	MS	MS	MS	MS
A	G	G	G	G	G	MS	MS	MS	MS

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

Series **9391-A** 1 S24 P04 Cxx D L A  
 1: Male Right-angle  
 Blank: Without Contact  
 Signal Contact: S<sub>xx</sub>  
 No. of position  
 Blank: Without Contact  
 Power Contact: H<sub>xx</sub>, P<sub>xx</sub>, A<sub>xx</sub>  
 No. of position  
 A: Tray Package  
 Blank: Without Lock  
 L: With Lock  
 D: Dip Type  
 C05: Selective Gold Plated  
 05: 05u"  
 CB30: Dip Tin Plated  
 Contact Au+Pd/Ni Plated  
 30: 30u"

Tolerances	Dwg. No.	9391-D0000-086	Title:		 <b>OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.</b> <b>P/N: 9391-A1S24P04CxxDLA</b>			
x = ±0.5	Projection		9391 Series					
.x = ±0.25	Unit	mm	Scale	1:1	SHEET	1/1	Ver. No.	R5
.xx = ±0.15	Drawn By	XS 05/13'22	Male Right-angle Dip Type					