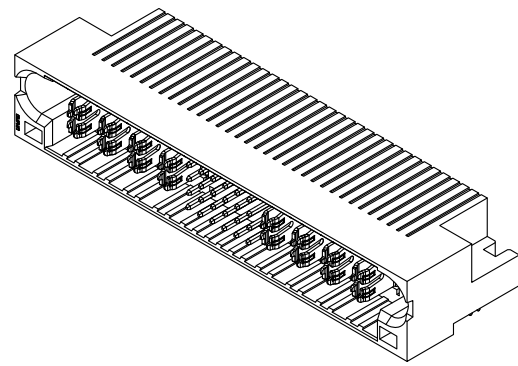
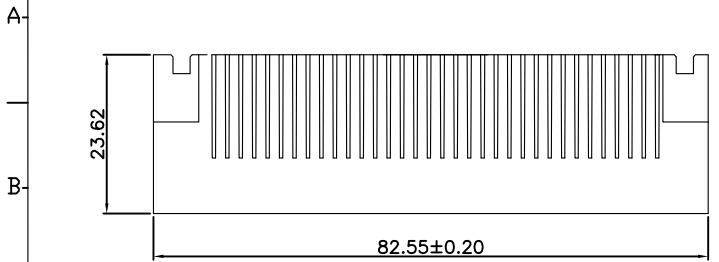


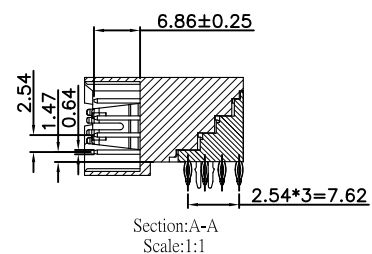
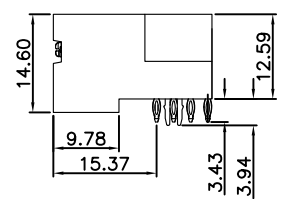
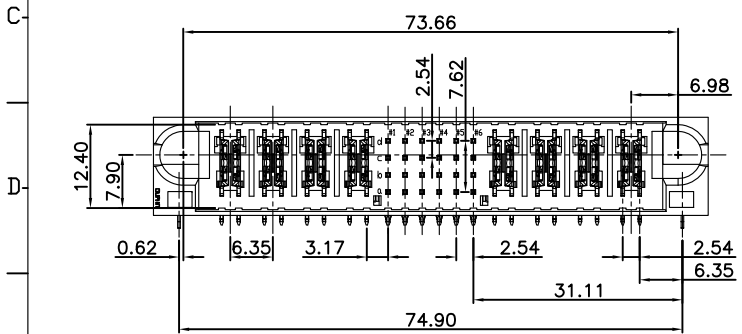
REV.	SPECIFICATION	ECN NO.	APPD.
X1			



**Material and Plating:**  
 Housing: LCP,U194V-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: Phosphor Bronze.  
 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Solder Tail over Nickel 50u" Min.  
 Lock: Phosphor Bronze.

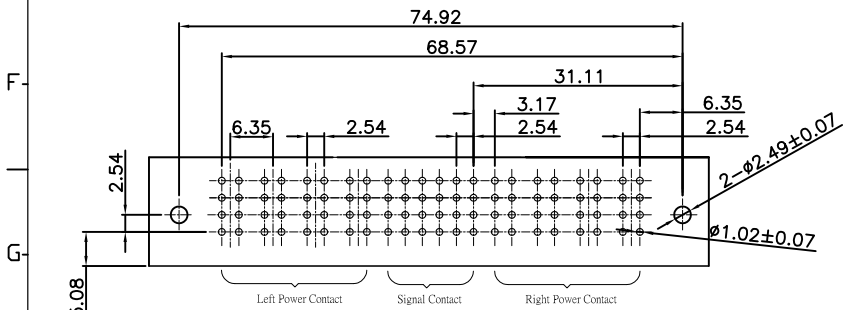
**Electrical Characteristics:**  
 Current Rating: Signal Pin 2.5 AMP.  
 Power Pin 30 AMP.  
 Dielectric Withstanding Voltage:  
 Signal Pin DC 1000V For 1 minute.  
 Power Pin DC 2500V For 1 minute.  
 Insulator Resistance: Signal Pin 5000MΩ min. at DC 500V.  
 Power Pin 20000MΩ min. at DC 500V.  
 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				Right POWER					
	P1-P6				1	2	3	4	5	6	P1-P6			
D					GG	GG	GG	GG	GG	GG				
C		MS	MS	MS	MS	GG	GG	GG	GG	GG	MS	MS	MS	MS
B					GG	GG	GG	GG	GG	GG				
A					GG	GG	GG	GG	GG	GG				

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



P.C.Board Layout  
 (Tolerance:±0.05)

9391-A 1 P04 S24 P04 CB 30 P 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  
 Blank:Without Contact  
 Power Contact: Hxx, Pxx, Axx  
 No. of position  
 A: Tray Package  
 Blank: Without Lock  
 L: With Lock  
 P: Press Fit Type  
 30: 30u"  
 CB: Dip Tin Plated  
 Contact Au+Pd/Ni Plated

PROPOSAL ONLY

Tolerances	Dwg. No.	9391-D0000-315	
x = ±0.5	Projection	⊕ ↗	
.x = ±0.25	Unit	mm	Scale 1:1
.xx = ±0.15	Drawn By	WQ 04/02'20	

Title: 9391 Series  
 Male Right-angle Type

<b>OUPIN</b>			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A1P04S24P04CB30PLA			
SHEET	1/1	Ver. No.	X1