

REV.	SPECIFICATION	ECN NO.	APPD.
R4		ECN221006	

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 Press Fit over Nickel 50u" Min .
Signal Contact: Phosphor Bronze.
 30u"Au+Pd/Ni on Contact Area and 80u" Min Tin Plated on Press Fit 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.

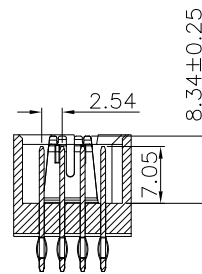
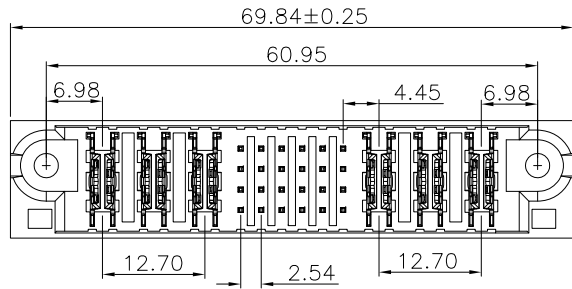
Contact Resistance: Signal Pin 15mΩ max. at DC 20mA.
 Power Pin 0.7mΩ max. at DC 20mA.

Operating Temperature: -40°C ~ +105°C .

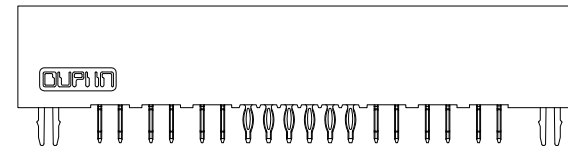
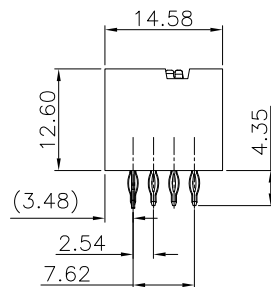
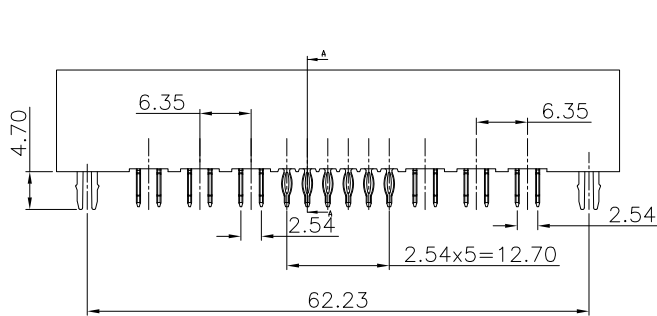
***RoHS Compliant**

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

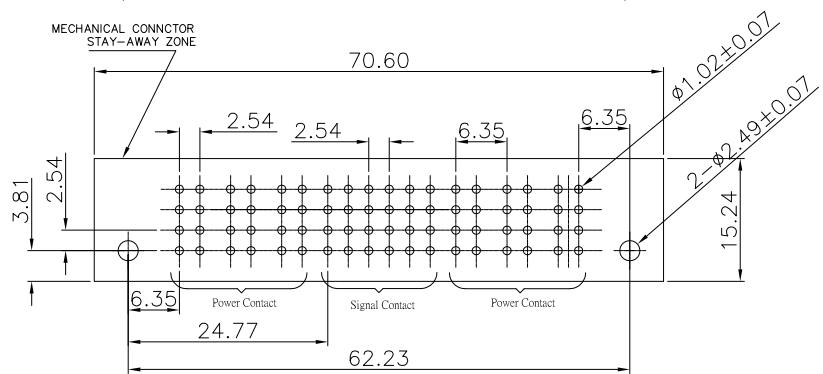


Section A-A



ROWS	P1	POWER			SIGNAL			POWER			P6		
		P1	P2	P3	1	2	3	4	5	6		P4	P5
D	MS	MS	MS	F	F	F	F	F	F	F	MS	MS	MS
C	MS	MS	MS	F	F	F	F	F	F	F	MS	MS	MS
B	MS	MS	MS	F	F	F	F	F	F	F	MS	MS	MS
A	MS	MS	MS	F	F	F	F	F	F	F	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



P.C.Board Layout
(Tolerance:±0.05)

Series: 9391-A 3 P03 S24 P03 CB 30 P L A
 3: Male Straight
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Ass
 No. of position
 Blank: Without Contact
 Signal Contact: Sxx
 No. of position
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Ass
 No. of position
 A: Tray Package
 L: With Lock
 Blank: Without Lock
 P: Press Fit Type
 30: 30u"
 CB: Dip Tin Plated
 Contact Au+Pd/Ni Plated

Tolerances	Dwg. No.	9391-D0000-061		Title:	9391 Series			
x = ±0.5	Projection	⊕ ⊖		Male Straight Press Fit Type	OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
.x = ±0.25	Unit	mm	Scale					
.xx = ±0.15	Drawn By	XS 10/25'22		SHEET	1/1	Ver. No.	R4	

Title:				9391 Series			
Male Straight Press Fit Type				OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A3P03S24P03CB30PLA				SHEET 1/1 Ver. No. R4			

Title:				9391 Series			
Male Straight Press Fit Type				OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A3P03S24P03CB30PLA				SHEET 1/1 Ver. No. R4			