

REV.	SPECIFICATION	ECN NO.	APPD.
X1			

Material and Plating:

Housing: LCP, 30% Glass Filled,UL94V-0 , BLACK.
 Power Contacts:High Conductivity Copper.
 Au(3u")+Pd/Ni (27u") gold plated on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min under plated .
 Signal Contacts : Brass.
 Au(3u")+Pd/Ni (27u") gold plated on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min under plated .
 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.

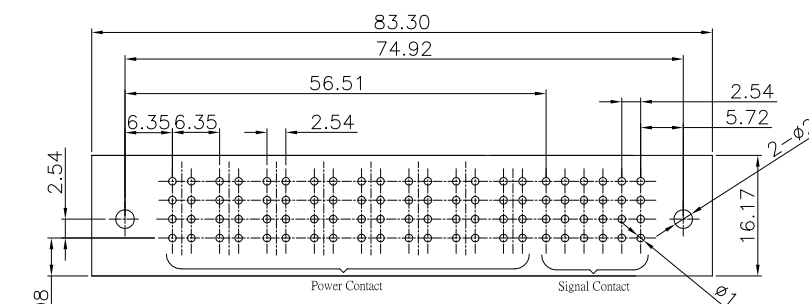
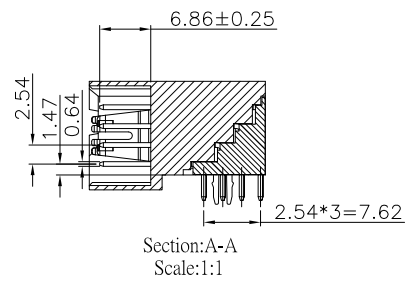
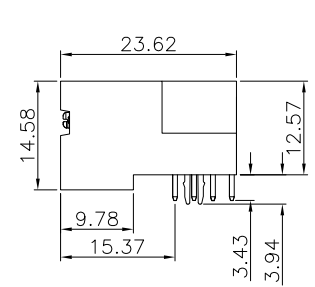
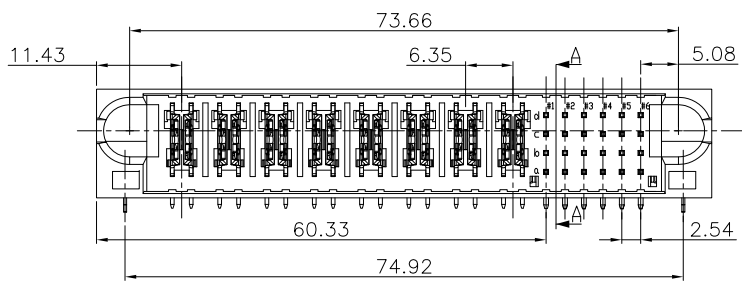
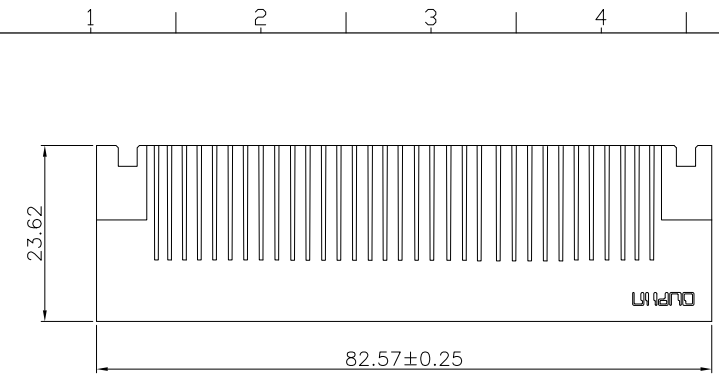
Power Pin 0.7mΩ max. at DC 20mA.

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

***RoHS Compliant**

Notes:

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



P.C.Board Layout
(Tolerance:±0.05)

9391-A 1 P08 S24 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: S xx
 No. of position
 CB: Dip Tin Plated
 Contact Au+Pd/Ni Plated
 A: Tray Package
 Blank: Without Lock
 L: With Lock
 D: Dip Type
 30: 30u"
 Contact Au+Pd/Ni Plated

ROWS	POWER								SIGNAL					
	P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
D									G	G	G	G	G	G
C									G	G	G	G	G	G
B									G	G	G	G	G	G
A									G	G	G	G	G	G

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

Tolerances	Dwg. No.	9391-D0000-141	Title:	
x = ±0.5	Projection		9391 Series High Power	
.x = ±0.25	Unit	mm	Scale	1:1
.xx = ±0.15	Drawn By	LQ 06/06'16	Plug Right-angle Dip Type	

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N:9391-A1P08S24CB30DLA			
SHEET	1/1	Ver. No.	X1