

REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN231212	

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 .

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 :

a6 Contact Length is 5.59mm.

Other Pin Contact Length is 6.86mm.

ROWS		POWER				SIGNAL						POWER				
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	
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

9391-A 1 P04 S24 P04 CB 30 D A -A043

Series _____ Internal Code _____

1: Male Right-angle _____ A: Tray Package _____

Blank:Without Contact _____ D: Dip Type _____

Power Contact: Hxx, Pxx , Axx _____ 30: 30u" _____

No. of position _____ CB: Dip Tin Plated _____

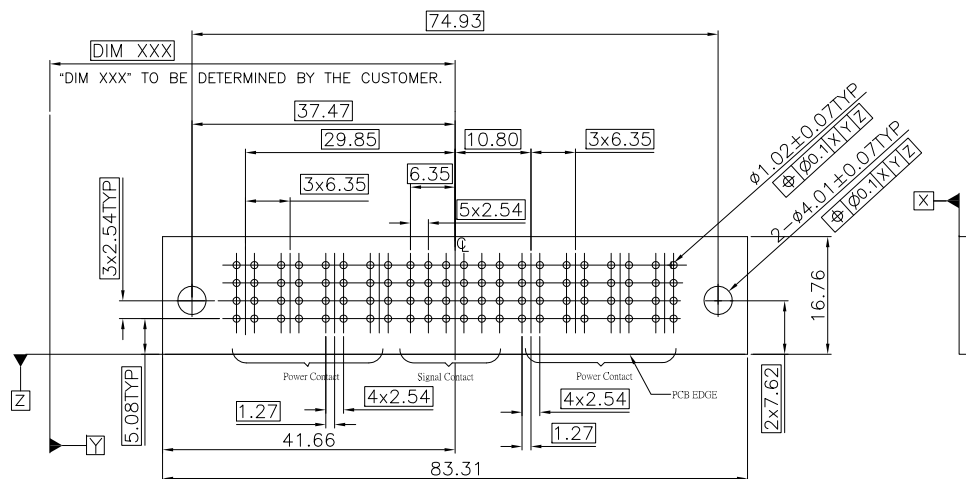
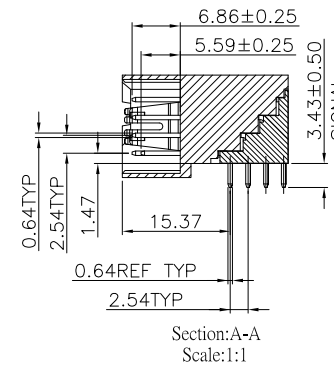
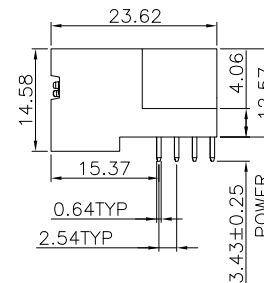
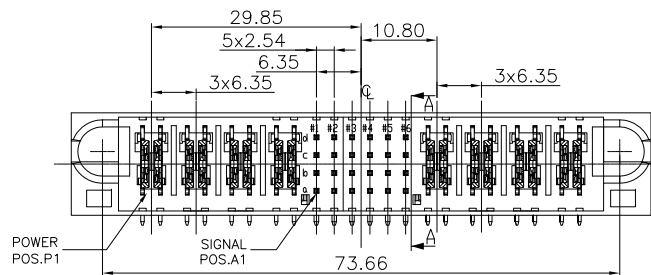
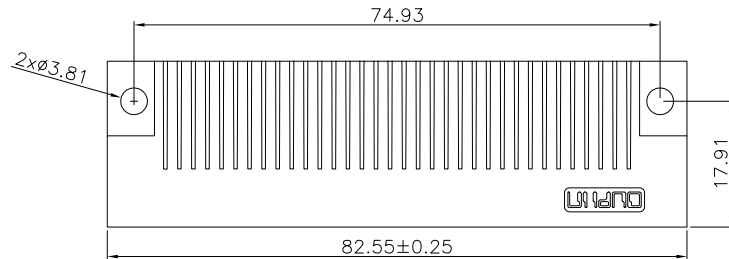
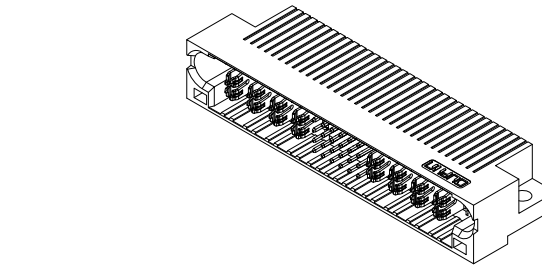
Blank:Without Contact _____ Contact Au+Pd/Ni Plated _____

Signal Contact: S xx _____ Blank:Without Contact _____

No. of position _____ Power Contact: Hxx, Pxx , Axx _____

No. of position _____

Tolerances	Dwg. No.	9391-D0000-378		Title: 9391 Series Male Right-angle Dip Type		OUPIN OUPIN ELECTRONIC(KUNSHAN) CO., LTD. P/N: 9391-A1P04S24P04CB30DA-A043 SHEET 1/1 Ver. No. R1			
x = ±0.5	Projection								
.x = ±0.25	Unit	mm	Scale			1:1			
.xx = ±0.15	Drawn By	XS 12/11'23							



P.C.Board Layout
(Tolerance:±0.05)