

REV.	SPECIFICATION	ECN NO.	APPD.
X3		ECN251116	

Material and Plating::

Housing:LCP, UL94V-0,Black.

Power Contacts: High Conductivity Copper ,
30μ" Au+Pd/Ni on Contact Area and 80μ" Min Tin Plated on Solder Tail over Nickel 50μ" Min.

Signal Contacts: Phosphor Bronze.

30μ" Au+Pd/Ni on Contact Area and 80μ" Min Tin Plated on Solder Tail over Nickel 50μ" 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.

Insulation 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 & HF Compliant

Notes :

H: High density Power---PCB Mount 5.08mm Pitch

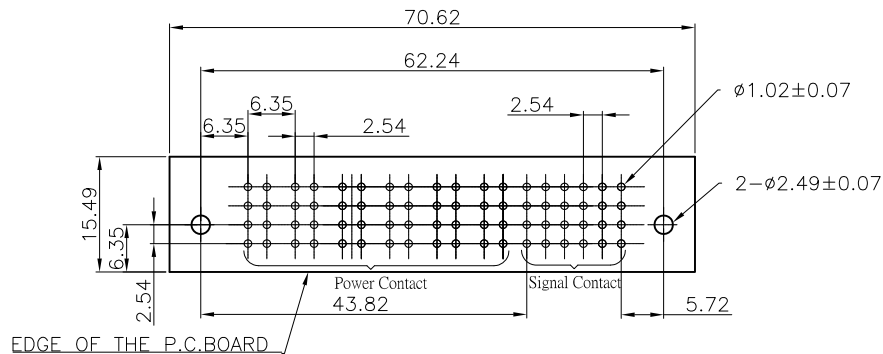
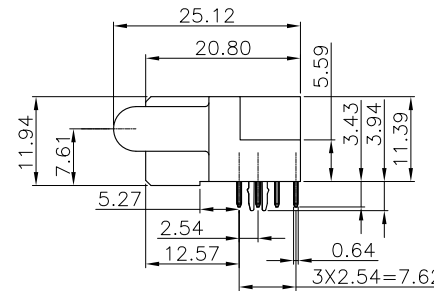
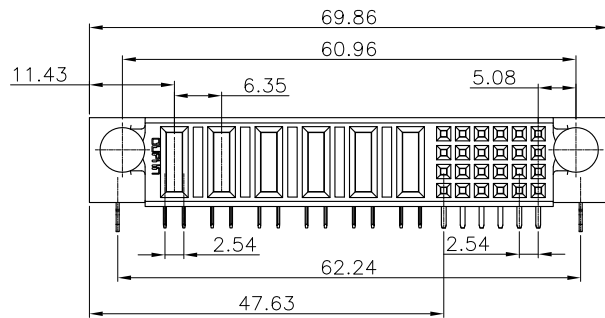
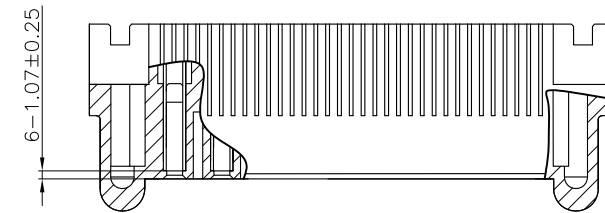
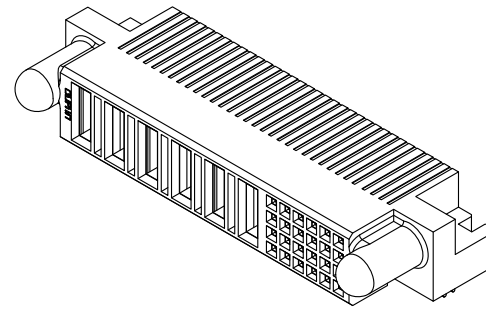
P: DC Power---PCB Mount 6.35mm Pitch

A: AC Power---PCB Mount 7.62mm Pitch

S: Signal---PCB Mount 2.54mm Pitch

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

POWER CONTACT TO THE TOP DISTANCE 2.34mm,	FM
POWER CONTACT TO THE TOP DISTANCE 1.07mm,	FS
SIGNAL CONTACT 3.43 SOLDER TAIL, PD/NI	L



P.C.Board Layout

Recommended PCB Thickness: 1.6mm±0.5

Series 9391-A 4 P06 S24 CB30 D L A
 4: Femla Right-angle
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position
 Blank: Without Contact
 Signal Contact: S xx
 No. of position
 A: Tray Package
 L: With Lock
 D: Dip Type
 CB30: Dip Tin Plated
 Contact Au+Pd/Ni Plated
 30: 30u"

Tolerances	Dwg. No.	9391-D0000-202
x = ±0.5	Projection	
.x = ±0.25	Unit	mm
.xx = ±0.15	Scale	1:1
	Drawn By	XM 11/07'25

Title:

9391 Series
Female Right-angle
Dip Type

OUPIN			
OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A4P06S24CB30DLA			
SHEET	1/1	Ver. No.	X3