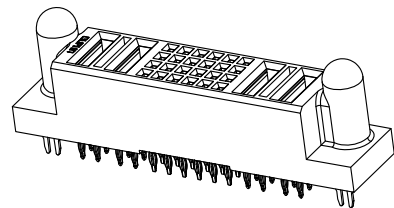
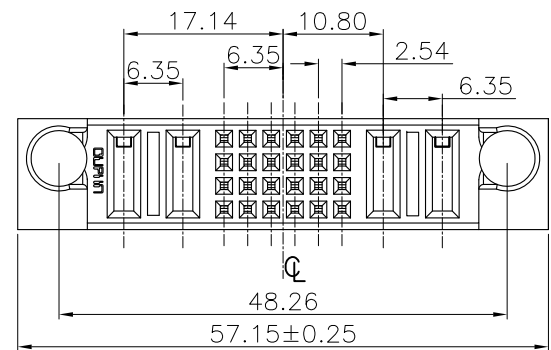


REV.	SPECIFICATION	ECN NO.	APPD.
R2		ECN160452	



**Material:**  
Housing: High Temperature Plastic UL94V-0.  
Contacts: Copper Alloy  
Lock: Copper Alloy

**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.

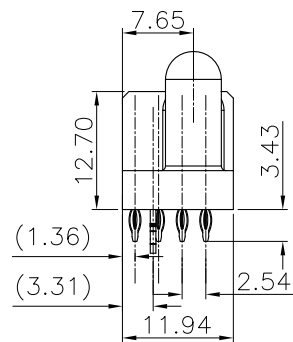
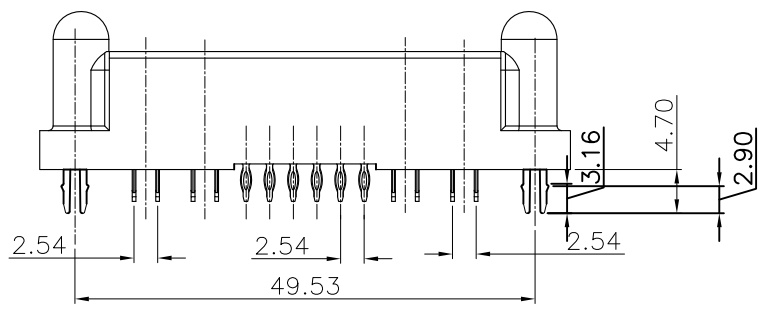
**Insulator Resistance:** Signal Pin 5000MΩ min. at DC 500V.  
Power Pin 20000MΩ min. at DC 500V.

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

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

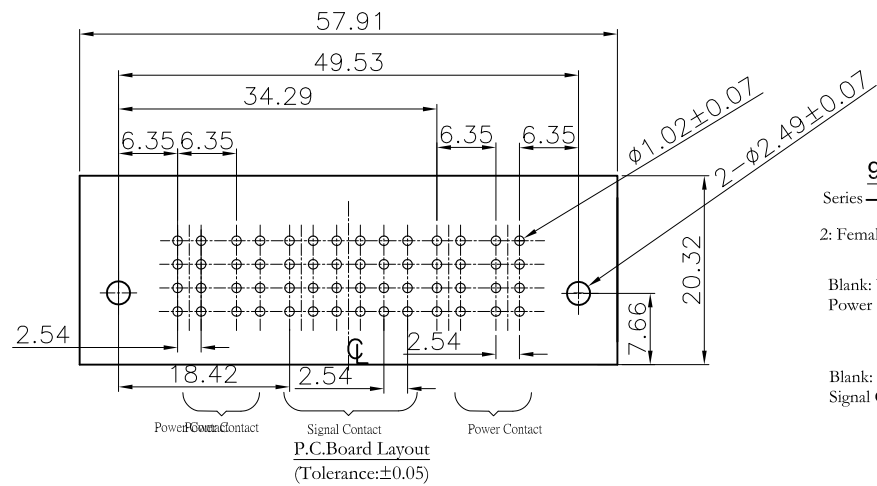
**\*RoHS Compliant**

**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



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

POWER CONTACT TO THE TOP DISTANCE 2.34mm, THE MATING LENGTH 3.87mm	FM
POWER CONTACT TO THE TOP DISTANCE 1.07mm, THE MATING LENGTH 5.14mm	FS
SIGNAL CONTACT 3.43 SOLDER TAIL, PD/NI	L



Series **9391-A 2** P02 S24 P02 CB 30 P L A

2: Female Straight

Blank: Without Contact  
Power Contact: Hxx, Pxx, Axx  
No. of position

Blank: Without Contact  
Signal Contact: S xx  
No. of position

Blank: Without Contact  
Power Contact: Hxx, Pxx, Axx  
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-D0000-031	Title:		9391 Series			
x = ±0.5	Projection		Female Straight Press Fit Type		OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
.x = ±0.25	Unit	mm	Scale	1:1	P/N: 9391-A2P02S24P02CB30PLA			
.xx = ±0.15	Drawn By	zbs 05/20'16			SHEET	1/1	Ver. No.	R2