



P.C.Board Layout
(Tolerance:±0.05)

9391-A 2 P04 S08 P04 CB 30 P A
 Series: 9391-A, 2: Female Straight, P04: Power Contact, S08: Signal Contact, P04: Power Contact, CB: Dip Tin Plated Contact Au+Pd/Ni Plated, 30: 30u", P: Press Fit Type, A: Tray Package.
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position
 Blank: Without Contact
 Signal Contact: Sxx
 No. of position
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position

REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN190631	

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

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			
	P8	P7	P6	P5	2	1	P4	P3	P2	P1
D					LL					
C	FS	FS	FS	FS	LL		FS	FS	FS	FS
B					LL					
A					LL					

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

Tolerances	Dwg. No.	9391-D0000-249	Title:		 OUPIN ELECTRONIC(KUNSHAN) CO., LTD. P/N: 9391-A2P04S08P04CB30PA			
x = ±0.5	Projection		9391 Series					
.x = ±0.25	Unit	mm	Scale	1:1	Female Straight Press Fit Type			
.xx = ±0.15	Drawn By	bo-min 06/22'19			SHEET	1/1	Ver. No.	R1