

REV.	SPECIFICATION	ECN NO.	APPD.
R2		ECN250807	

Material and Plating:

Housing: LCP, UL94V-0, BLACK.

Power Contacts : High Conductivity Copper

Au(3u")+Pd/Ni (27u") gold plated on Contact Area and 80~160u"

Tin Plated on Solder Tail over nickel 50-120u" under plated .

Signal Contacts : Phosphor Bronze.

Au(3u")+Pd/Ni (27u") gold plated on Contact Area and 80~160u"

Tin Plated on Solder Tail over nickel 50-120u" under plated .

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

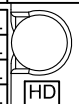
Notes :

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				
		P4	P3	P2	P1	6	5	4	3	
D		FS	FS	FS	FS	LLL	LLL	LLL	LLL	
C						LLL	LLL	LLL	LLL	
B						LLL	LLL	LLL	LLL	
A						LLL	LLL	LLL	LLL	

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-D0000-127		Title:				
x = ±0.5	Projection			9391 Series	OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
.x = ±0.25	Unit	mm	Scale	1:1	P/N: 9391-A2P04S24CB30PA			
.xx = ±0.15	Drawn By	XM 08/06'25		Female Straight Press Fit Type	SHEET	1/1	Ver. No.	R2

9391-A 2 P04 S24 CB 30 P A
 Series
 2: Female Straight
 Blank: Without Contact
 Power Contact: Hxx, Pxx, Axx
 No. of position
 Blank: Without Contact
 Signal Contact: S xx
 No. of position
 A: Tray Package
 P: Press-Fit Type
 30: 30u"
 CB: Dip Tin Plated
 Contact Au+Pd/Ni Plated

P.C.Board Layout
 (Tolerance:±0.05)