



REV.	SPECIFICATION	ECN NO.	APPD.
R1		ECN170511	

**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: Phosphor Bronze.  
 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

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

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-D0000-102		Title:	
x = ±0.5	Projection			9391 Series Female Straight Dip Type	
.x = ±0.25	Unit	mm	Scale		1:1
.xx = ±0.15	Drawn By	CXP 12/05'16			

OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A2P01S24P01CB30DLA			
SHEET	1/1	Ver. No.	R1