

REV.	SPECIFICATION	ECN NO.	APPD.
R6		ECN250417	

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: Brass

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

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

Notes 2 :

All Pin Contact Length is 6.86mm.

ROWS		POWER	SIGNAL	
		P1 P2	1 2 3 4	
D	HD	MS	GGGG	HD
C			GGGG	
B			GGGG	
A			GGGG	

SIGNAL PIN CONTACT LENGTH 4.32mm	H
SIGNAL PIN CONTACT LENGTH 5.59mm	E
SIGNAL PIN CONTACT LENGTH 6.05mm	K
SIGNAL PIN CONTACT LENGTH 7.05mm	F
SIGNAL PIN CONTACT LENGTH 6.86mm	G
HOT PLUG POWER CONTACT.STD	MS

Series	9391-A	1	P02	S16	CB	30	D	L	A
1: Male Right-angle									A: Tray Package
Blank:Without Contact									Blank: Without Lock
Power Contact: Hxxx, Pxx, Axx									L: With Lock
No. of position									D: Dip Type
Blank:Without Contact									30: 30u"
Signal Contact: Sxx									CB: Dip Tin Plated
No. of position									Contact Au+Pd/Ni Plated

Tolerances	Dwg. No.	9391-D0000-107
x = ±0.5	Projection	
.x = ±0.25	Unit	mm
.xx = ±0.15	Scale	1:1
	Drawn By	XM 06/18'25

Title:
9391 Series
Male Right-angle Dip Type

OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 9391-A1P02S16CB30DLA			
SHEET	1/1	Ver. No.	R6

