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# MODEL: PJ-036D | DESCRIPTION: DC POWER JACK

#### **FEATURES**

- 1.3 mm center pin
- 2.0 A rating
- low profile
- right angle orientation
- through hole mount





### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.0	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life		5,000		cycles	
flammability rating	UL94V-D				
RoHS	yes				

### **SOLDERABILITY**

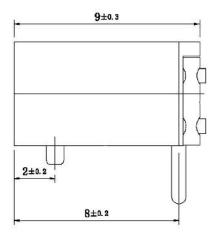
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

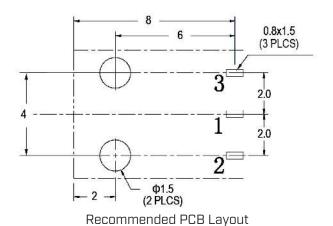
## **MECHANICAL DRAWING**

units: mm tolerance: X. ±0.15 mm X.X ±0.10 mm X.XX ±0.05 mm PCB: ±0.05 mm unless otherwise specified

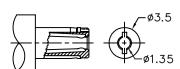
	6. 2±0. 2 0. 5±0. 2	_ <del>-</del>
5±0.2	-#4.0003	PIN Φ1.3
2.8±0.2	2±0.2 2±0.2	2-Ø0.9±0.1

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	silver
terminal 1	brass t=0.25	silver
terminal 2	brass t=0.25	silver
terminal 3	brass t=0.25	silver
housing	PBT (UL94V-0)	black
'		





Top View



MATING PLUG Jack Insertion Depth: 6.4 mm

SCHEMATIC	01 03 02
Model	PJ-036D
Center Pin	Ø1.3 mm

#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	07/30/2007	
1.01	applied new spec template	07/24/2015	
1.02	increased voltage rating	05/03/2016	
1.03	changed terminal plating to silver	02/13/2019	
1.04	brand update	10/23/2019	
1.05	logo, datasheet style update	08/05/2022	
1.06	product reengineered for improved manufacturability and production yield, see PCN for details	01/03/2023	

The revision history provided is for informational purposes only and is believed to be accurate.



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