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# MODEL: PJ-045 | DESCRIPTION: DC POWER JACK

#### **FEATURES**

- 1.65 mm center pin
- 2.5 A rating
- right angle orientation
- through hole
- shielded





# **SPECIFICATIONS**

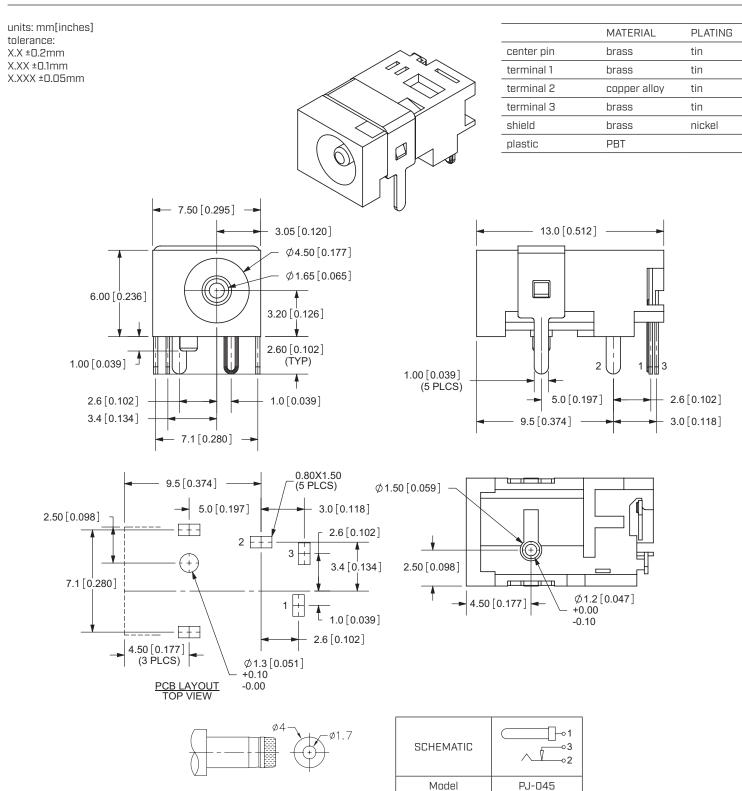
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	А
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-D				
RoHS	yes				

Note: 1. When measured at a current of less than 100 mA/1 kHz

## **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**



MATING PLUG

Jack Insertion Depth: 8.35 mm

Center Pin

Ø1.65 mm

Additional Resources: Product Page | 3D Model | PCB Footprint

CUI DEVICES | MODEL: PJ-045 | DESCRIPTION: DC POWER JACK

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#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	07/30/2007	
1.01	shield plating material changed from tin to nickel	09/30/2009	
1.02	applied new spec template	02/26/2015	
1.03	increased voltage rating	04/14/2016	
1.04	brand update	10/28/2019	
1.05	logo, datasheet style update	08/05/2022	

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



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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