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

CUI DEVICES

date 10/31/2019

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MODEL: PJ-002B | **DESCRIPTION:** DC POWER JACK

FEATURES

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





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	Α
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
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-0				
RoHS	yes				

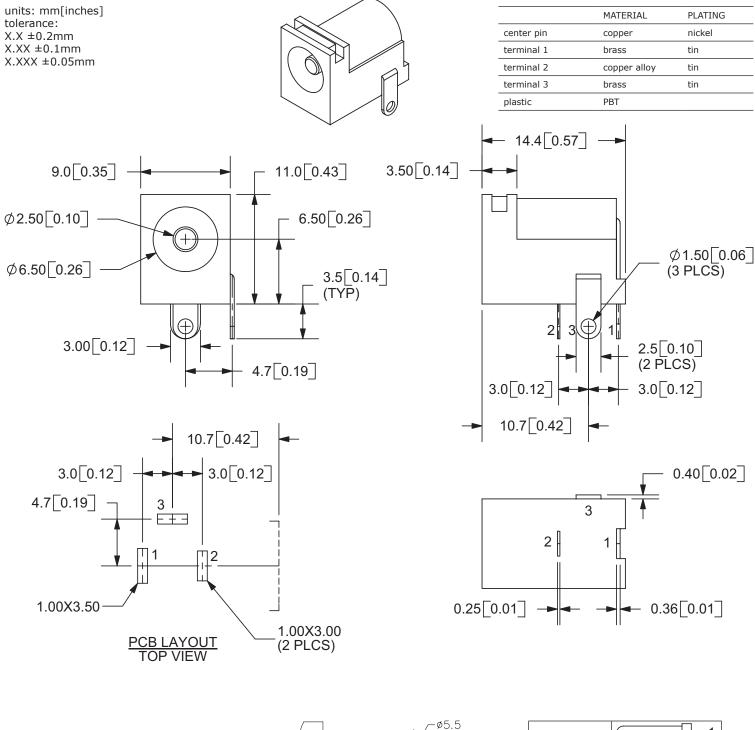
Note: 1. When measured at a current of less than 100 mA/1 kHz

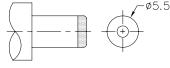
SOLDERABILITY

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

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MECHANICAL DRAWING





MATING PLUG Jack Insertion Depth: 9.0 mm

SCHEMATIC	$ \begin{array}{c c} & 3 \\ & 3 \\ & 2 \end{array} $
Model	PJ-002B
Center Pin	Ø2.5 mm

Note: 1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

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CUI Devices | MODEL: PJ-002B | DESCRIPTION: DC POWER JACK date 10/31/2019 | page 3 of 3

REVISION HISTORY

rev.	description	date
1.0	initial release	04/17/2006
1.01	changed pin thickness layout	08/31/2006
1.02	applied new spec template	10/07/2013
1.03	increased voltage rating	04/08/2016
1.04	brand update	10/31/2019

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

CUI DEVICES

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