Additional Resources: Product Page | 3D Model

# **CUI** DEVICES

**date** 10/31/2019

page 1 of 3

**MODEL:** PJ-005B | **DESCRIPTION:** DC POWER JACK

#### **FEATURES**

- 2.5 mm center pin
- mounting hardware includes nut and washer
- panel mount





## **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	А
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-40		70	°C
life			5,000		cycles
flammability rating	plastic: UL94V-0 insulator: UL94HB				
RoHS	yes				

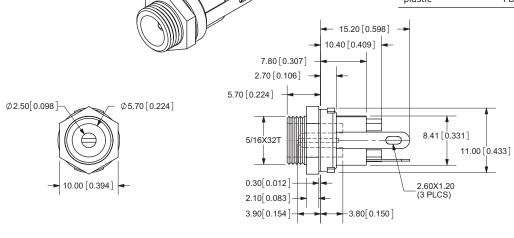
## **SOLDERABILITY**

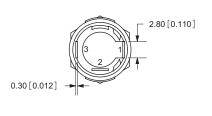
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds	295	300	305	°C

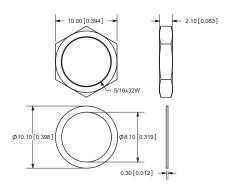
## **MECHANICAL DRAWING**

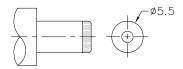
units: mm[inches] tolerance: ±0.3mm

	MATERIAL	PLATING
center pin	brass	nickel
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
bushing	brass	nickel
nut	brass	nickel
washer	steel	nickel
insulator	red vulcanized fiber	
plastic	PBT	









MATING PLUG Jack Insertion Depth: 9.0 mm

SCHEMATIC	$ \begin{array}{c c}  & 3 \\  & 3 \\  & 2 \end{array} $
Model	PJ-005B
Center Pin	Ø2.5 mm

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CUI Inc | MODEL: PJ-005B | DESCRIPTION: DC POWER JACK date 10/31/2019 | page 3 of 3

### **REVISION HISTORY**

rev.	description	date
1.0	initial release	01/30/2006
1.01	applied new spec template	05/06/2011
1.02	updated voltage and current rating	07/09/2014
1.03	brand update	10/31/2019

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

## **CUI** DEVICES

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

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CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.