CUI DEVICES

date 02/23/2022

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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			MΩ
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	VPS				

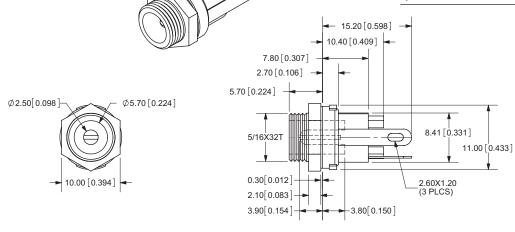
SOLDERABILITY

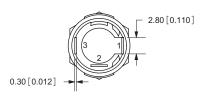
parameter	conditions/description	min	typ	max	units
hand soldering	for 3±0.5 seconds	340	350	360	°C

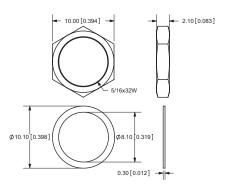
MECHANICAL DRAWING

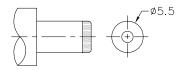
units: mm[inches] tolerance: ±0.3mm

	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} & -01 \\ & 3 \\ & 2 \end{array} $
Model	PJ-005B
Center Pin	Ø2.5 mm

Additional Resources: Product Page | 3D Model

CUI Inc | MODEL: PJ-005B | DESCRIPTION: DC POWER JACK date 02/23/2022 | 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
1.04	updated hand soldering recommendations	02/23/2022

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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