

## Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)

[PJ-008A](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)


**MODEL: PJ-008A | DESCRIPTION: DC POWER JACK**
**FEATURES**

- 2.0 mm center pin
- 2.5 A rating
- right angle orientation
- panel mount


**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage		24			Vdc
rated input current			2.5		A
contact resistance <sup>1</sup>	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	2011/65/EU				

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

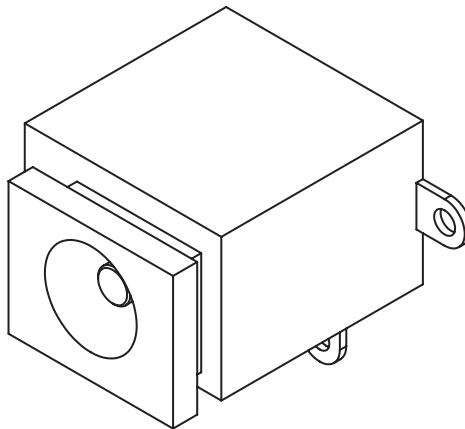
units: mm[inches]

tolerance:

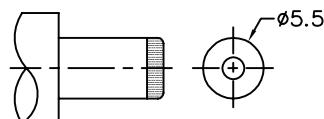
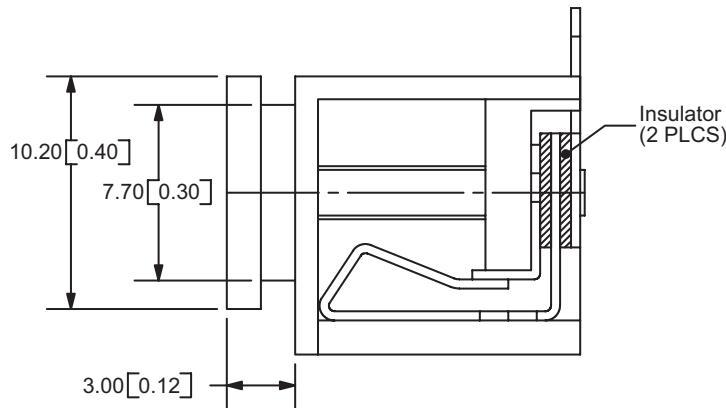
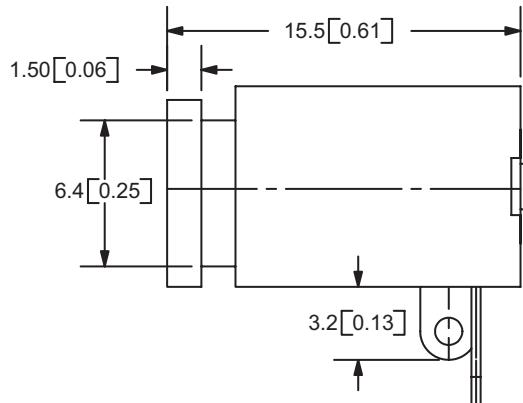
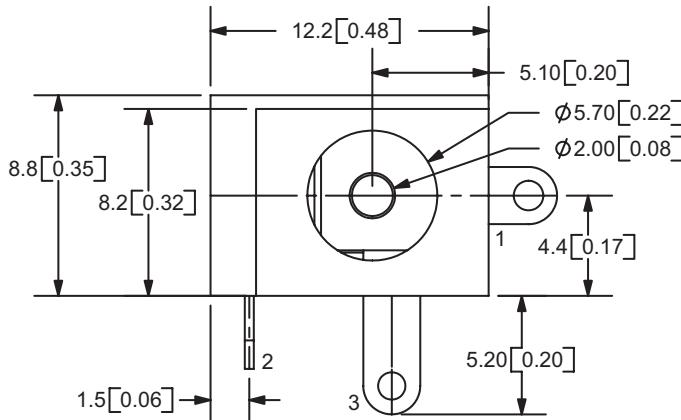
X.X  $\pm$ 0.2mm

X.XX  $\pm$ 0.1mm

X.XXX  $\pm$ 0.05mm



	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
insulators	PBT	
plastic	PBT	



MATING PLUG  
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-008A
Center Pin	$\varnothing$ 2.0 mm

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

## REVISION HISTORY

rev.	description	date
1.0	initial release	04/17/2006
1.01	increased voltage rating	04/28/2016

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

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

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