# **CUI** DEVICES

**date** 10/29/2019

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**MODEL:** PJ-044AH | **DESCRIPTION:** DC POWER JACK

#### **FEATURES**

- 2.0 mm center pin
- 5.0 A rating
- vertical orientation
- through hole





# **SPECIFICATIONS**

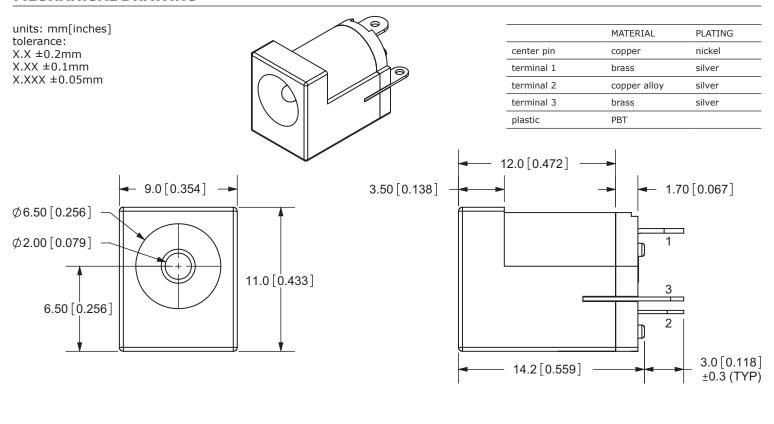
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	А
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 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	yes				

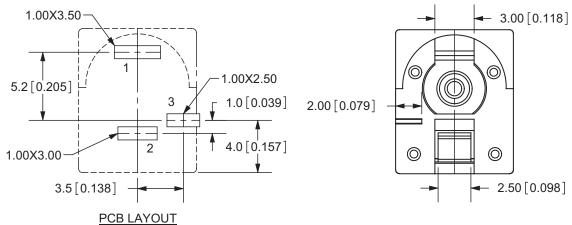
Note: 1. When measured at a current of less than 100 mA/1 kHz

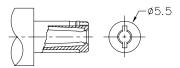
# **SOLDERABILITY**

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

## **MECHANICAL DRAWING**







MATING PLUG Jack Insertion Depth: 9.0 mm

SCHEMATIC			
Model	PJ-044AH		
Center Pin	Ø2.0 mm		

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

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### **REVISION HISTORY**

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	04/15/2014
1.02	increased voltage rating	04/14/2016
1.03	brand update	10/29/2019

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

# **CUI** DEVICES

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