CUI DEVICES

date 10/28/2019

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MODEL: PJ-045H | **DESCRIPTION:** DC POWER JACK

FEATURES

- 1.65 mm center pin
- high current 5 A rating
- right angle orientation
- through hole
- shielded





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	А
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				

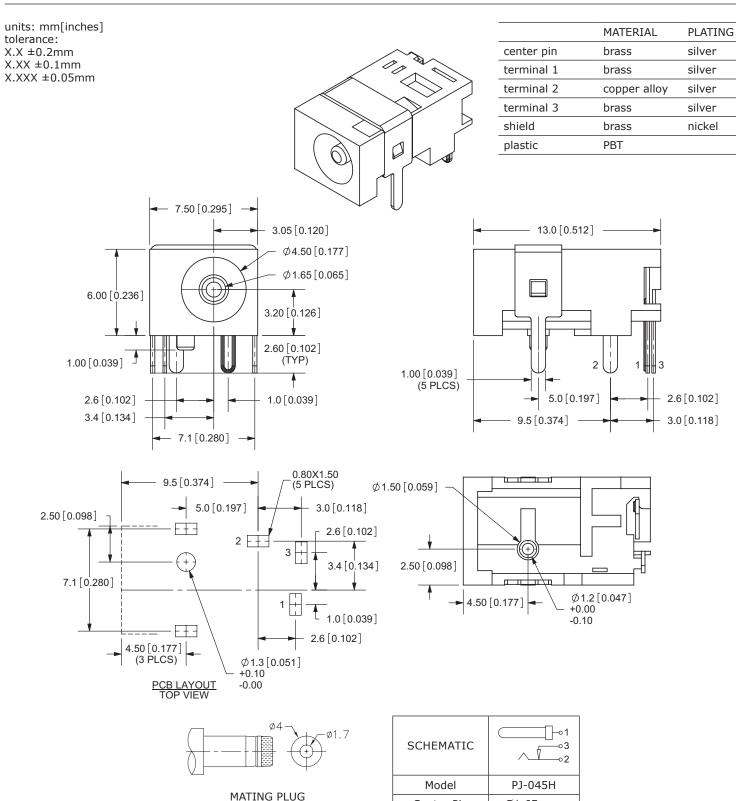
Note: 1. When measured at a current of less than 100 mA/1 kHz

SOLDERABILITY

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

MECHANICAL DRAWING

Note:



Jack Insertion Depth: 8.35 mm

Center Pin

Ø1.65 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	shield plating material changed from tin to nickel	09/30/2009	
1.02	rating updated from 2.5 to 5A	10/07/2009	
1.03	applied new spec template	01/14/2015	
1.04	increased voltage rating	04/14/2016	
1.05	brand update	10/28/2019	

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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