

04/08/2016

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MODEL: PJ-028BH **DESCRIPTION:** DC POWER JACK

#### **FEATURES**

- 2.5 mm center pin
- 5.0 A rating
- vertical orientation
- through hole
- kinked pins





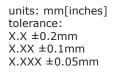
# **SPECIFICATIONS**

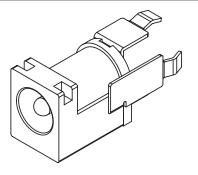
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	А
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 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	2011/65/EU				
Note: 1. When measured at a c	current of less than 100 mA/1 kHz				

# **SOLDERABILITY**

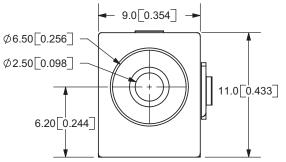
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for $5 \pm 0.5$ seconds	255	260	265	°C

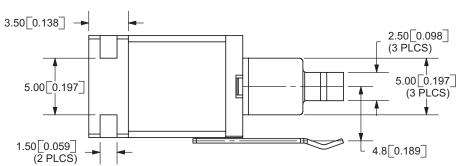
### **MECHANICAL DRAWING**

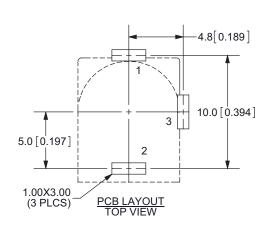


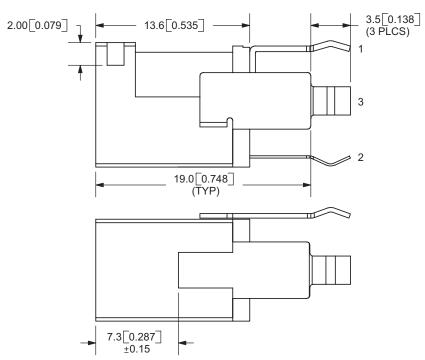


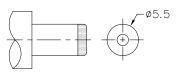
	MATERIAL	PLATING
center pin	copper	nickel plated
terminal 1	brass	silver plated
terminal 2	copper alloy	silver plated
terminal 3	brass	silver plated
plastic	PBT	











MATING PLUG Jack Insertion Depth: 9 mm

SCHEMATIC	03 02
Model	PJ-028BH
Center Pin	Ø2.5 mm

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

#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	09/12/2013
1.02	increased voltage rating	04/08/2016

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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