

05/18/2016

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**MODEL:** PJ-014D | **DESCRIPTION:** DC POWER JACK

### **FEATURES**

- 1.3 mm center pin
- 2.5 A rating
- right angle orientation
- through hole mounting





# **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	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				

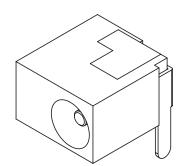
Note: 1. When measured at a current of less than 100 mA/1 kHz

# **SOLDERABILITY**

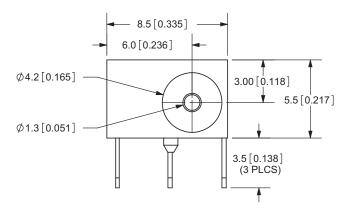
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for $5 \pm 0.5$ seconds	255	260	265	°C

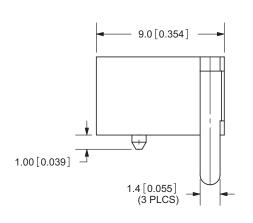
**MECHANICAL DRAWING** 

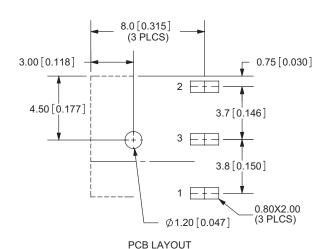
units: mm[inches] tolerance:  $X.X \pm 0.2mm$  $X.XX \pm 0.1mm$  $X.XXX \pm 0.05mm$ 



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







8.0 [0.315] (3 PLCS) 3.0 [0.118] Ø1.0[0.039] -3.8 [0.150] 3 3.7 [0.146] 4.5 [0.177] 2 0.75[0.030]

MATING PLUG Jack Insertion Depth: 7.2 mm

SCHEMATIC	□-01 -3 -2
Model	PJ-014D
Center Pin	Ø1.3 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	10/19/2005
1.01	added dimensions	12/21/2007
1.02	applied new spec template	06/29/2015
1.03	increased voltage rating	05/18/2016

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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