

MODEL: PJ-047A | **DESCRIPTION:** DC POWER JACK

FEATURES

- 2.0 mm center pin
- 2.5 A rating
- right angle orientation
- through hole
- shielded


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				2.5	A
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	2011/65/EU				

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

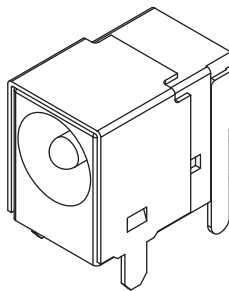
SOLDERABILITY

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

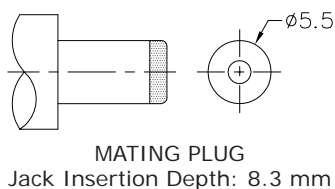
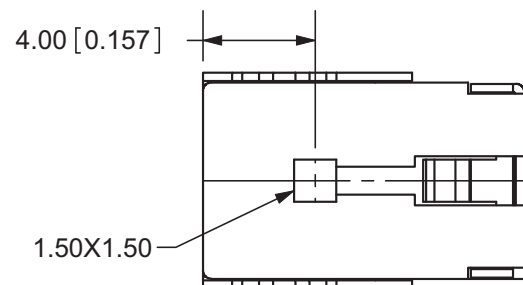
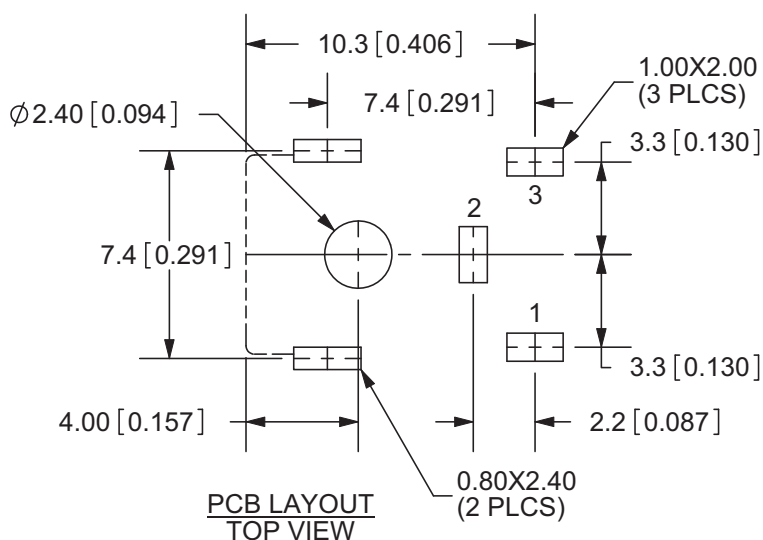
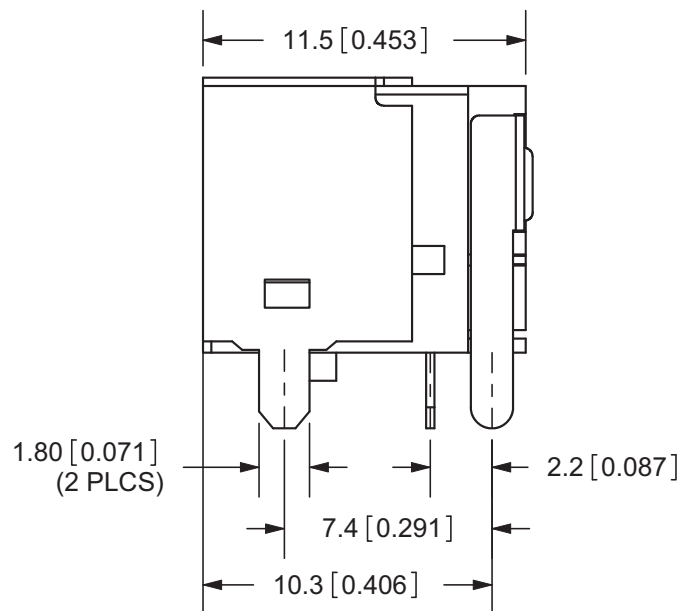
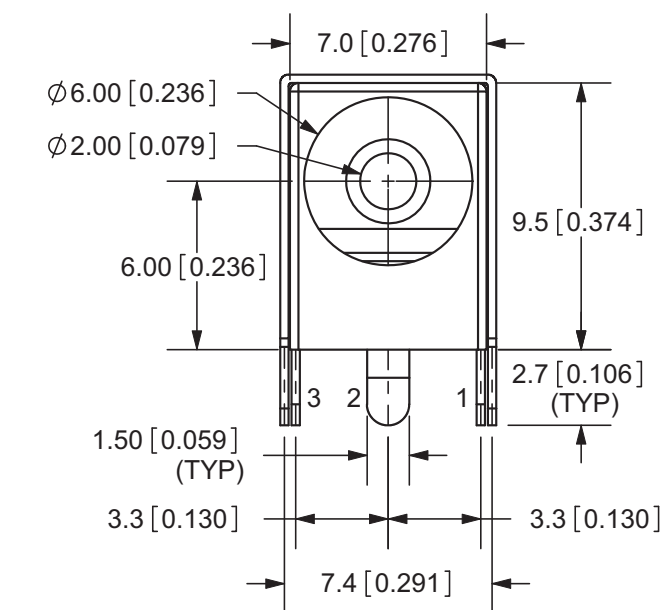
MECHANICAL DRAWING

units: mm[inches]

tolerance:

X.X ± 0.2 mmX.XX ± 0.1 mmX.XXX ± 0.05 mm

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



SCHEMATIC	
Model	PJ-047A
Center Pin	Ø2.0 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	07/30/2007
1.01	shield plating material changed from tin to nickel	09/30/2009
1.02	applied new spec template	01/02/2014

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

**CUI INC[®]**

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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

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