CUI DEVICES

MODEL: PJ-011B | DESCRIPTION: DC POWER JACK

FEATURES

- 2.5 mm center pin
- 5.0 A rating
- vertical orientation
- threaded panel mount



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	A
contact resistance[1]				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		70	°C
life			5,000		cycles
flammability rating	UL94HB				
RoHS	yes				

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

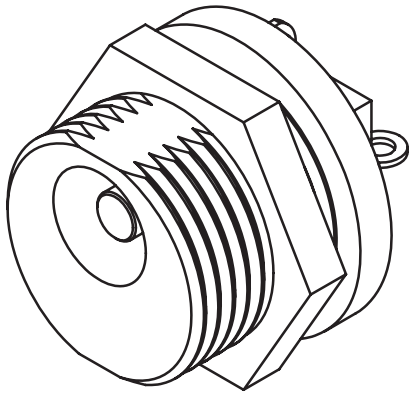
SOLDERABILITY

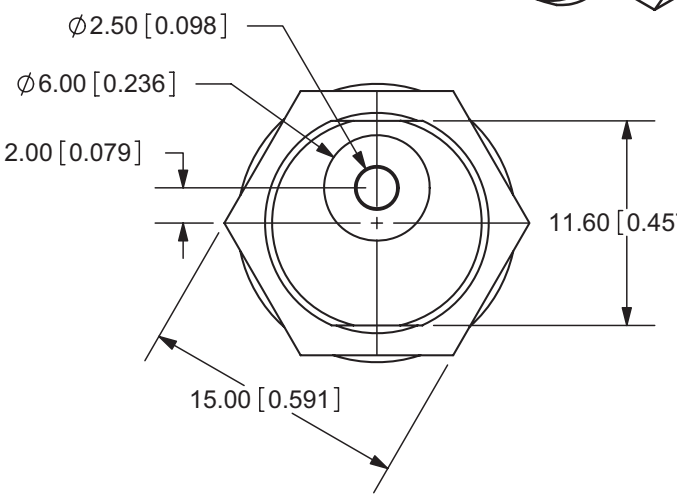
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds			360	°C

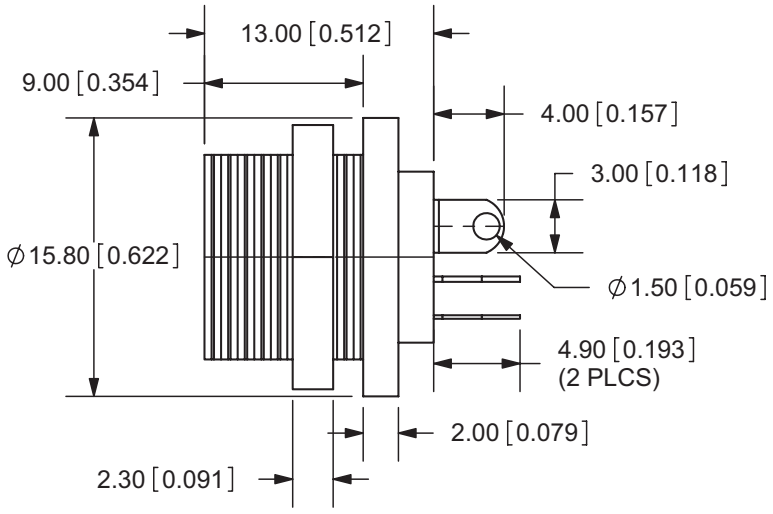
MECHANICAL DRAWING

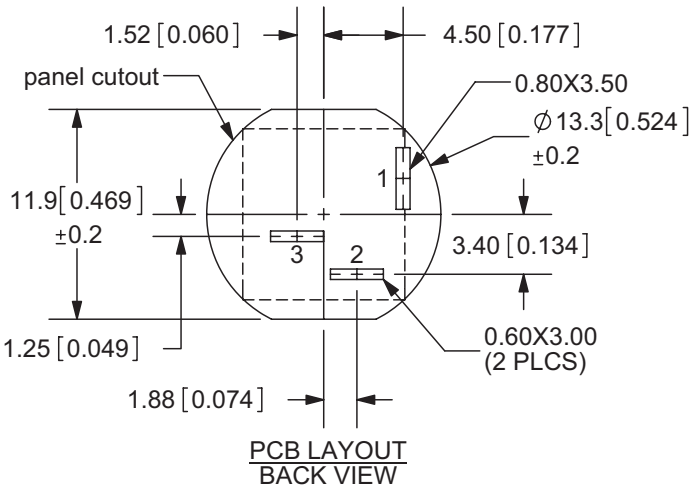
units: mm[inches]
tolerance: ±0.3 mm
unless otherwise noted

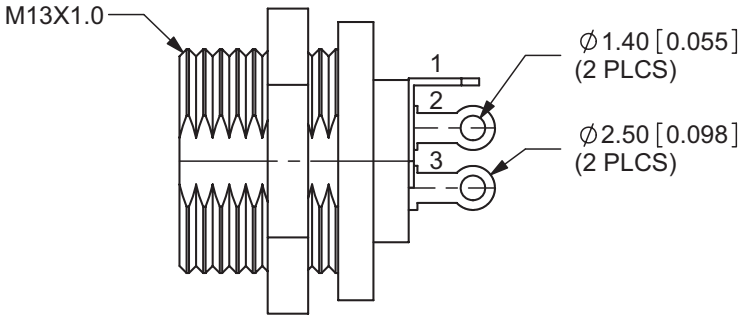
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
nut	brass	nickel
insulator	bakelite	
plastic	POM	

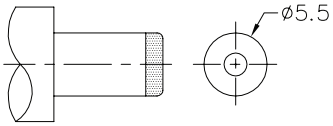




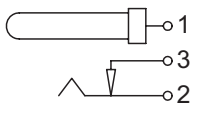








MATING PLUG
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-011B
Center Pin	Ø2.5 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	04/17/2006
1.01	pin positions updated	05/01/2008
1.02	model revised	05/12/2008
1.03	hole cutout dimensions added	06/27/2011
1.04	applied new spec template	11/01/2013
1.05	brand update	06/02/2020

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.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

cuidevices.com