CUI DEVICES

MODEL: PJ-076B | DESCRIPTION: DC POWER JACK

FEATURES
- low profile
- shielded
- internal switch



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		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	yes				

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

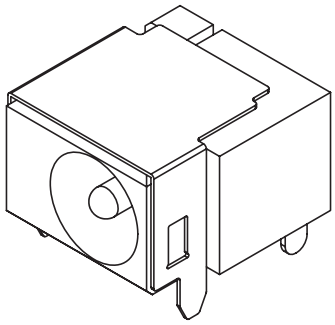
SOLDERABILITY

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

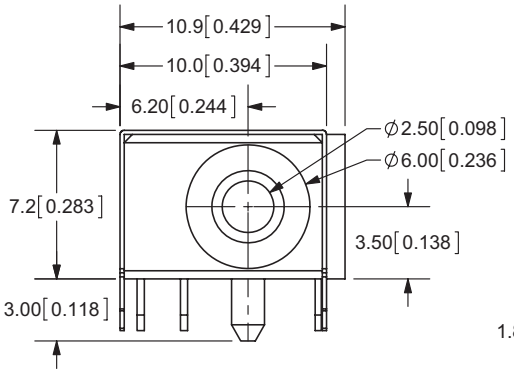
MECHANICAL DRAWING

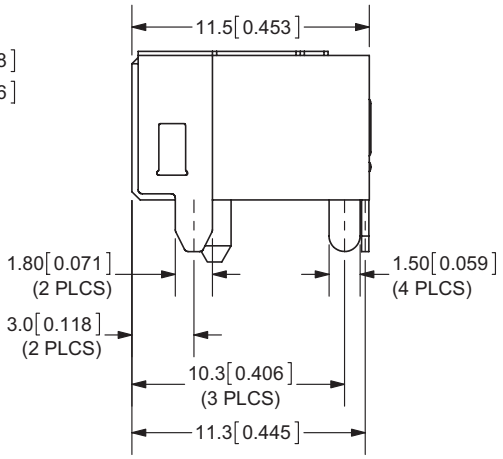
units: mm[inches]

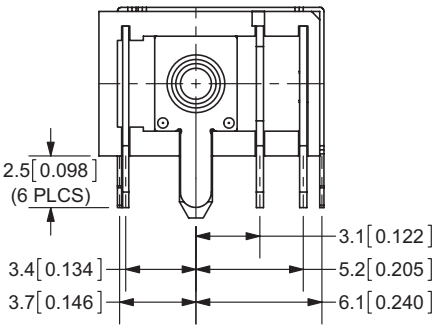
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm

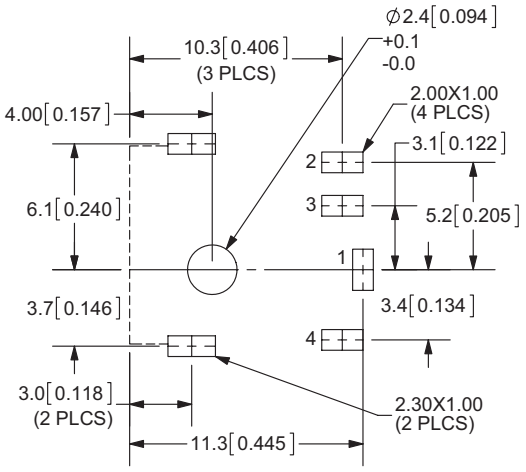


	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
terminal 4	copper alloy	tin
shield	brass	nickel
plastic	PBT	

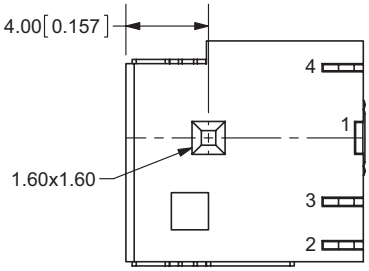


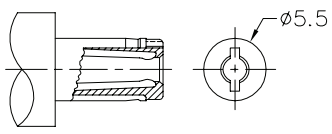




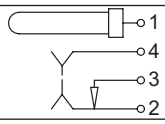


PCB LAYOUT
TOP VIEW





MATING PLUG
Jack Insertion Depth: 8.2mm

Schematic	
Model	Center Pin
PJ-076B	Ø2.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	02/06/2013
1.01	increased voltage rating	05/18/2016
1.02	brand update	10/31/2019

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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