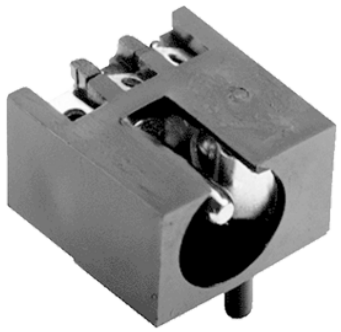
CUI DEVICES

MODEL: PJ-012B | DESCRIPTION: DC POWER JACK

FEATURES

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



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	UL94V-0				
RoHS	yes				

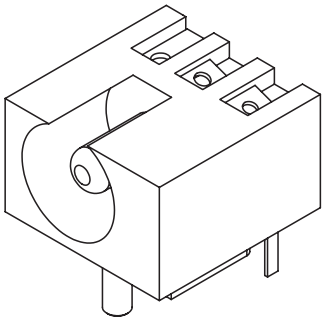
Note: 1. When measured at a current of less than 100 mA/1 kHz

SOLDERABILITY

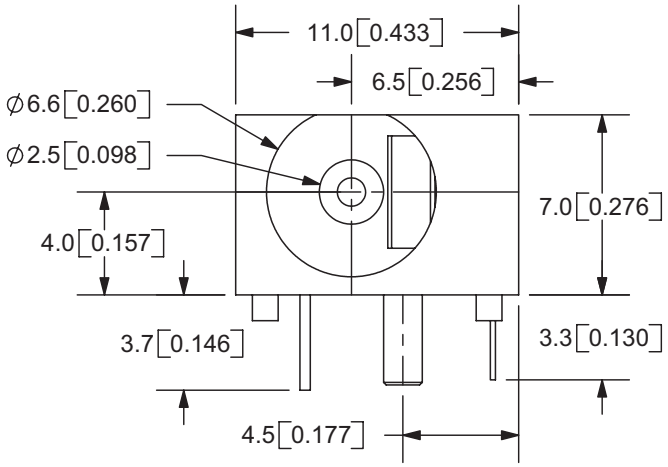
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds			360	°C

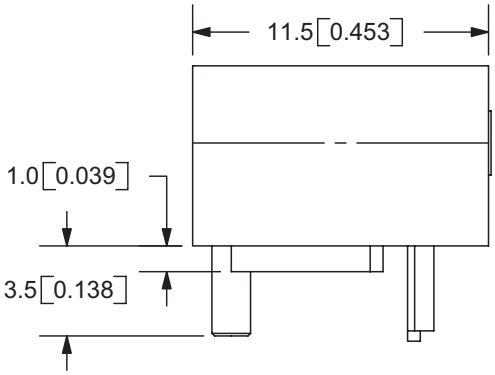
MECHANICAL DRAWING

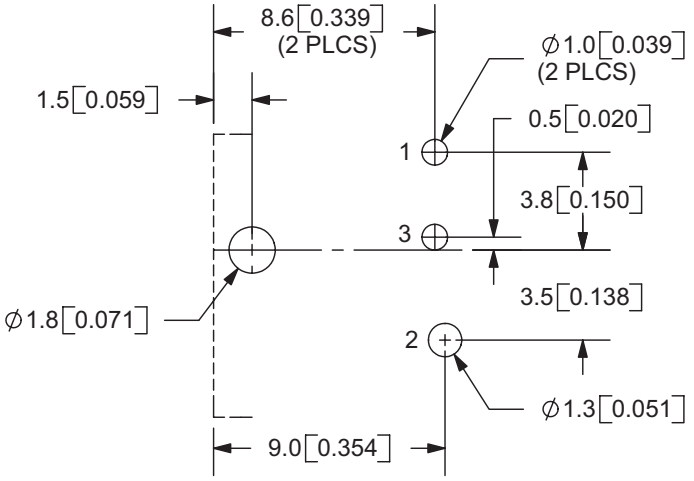
units: mm[inches]
tolerance: ±0.3 mm
unless otherwise noted



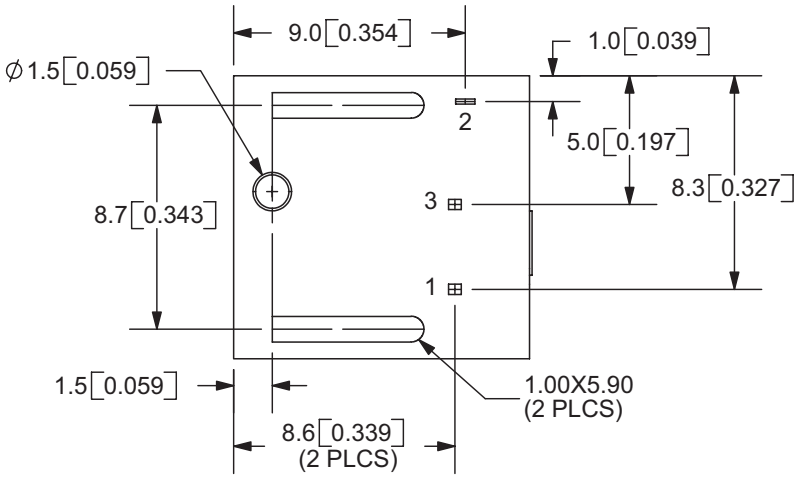
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	titanium copper alloy	silver
terminal 3	brass	silver
plastic	PBT	

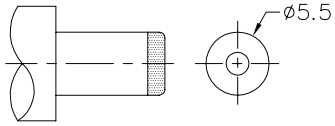




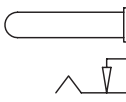


PCB LAYOUT
TOP VIEW





MATING PLUG
Jack Insertion Depth: 6.7 mm

SCHEMATIC	
Model	PJ-012B
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	05/17/2006
1.01	applied new spec template	11/01/2013
1.02	brand update	06/02/2020

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

CUI DEVICES

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