CUI DEVICES

MODEL: PJ-077 | DESCRIPTION: DC POWER JACK

FEATURES

- spring terminals
- low profile
- no internal switch

RoHS

SPECIFICATIONS

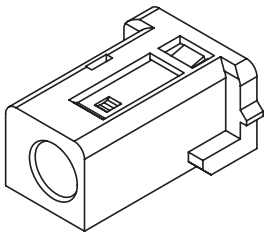
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				1	A
contact resistance[1]	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Note: 1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

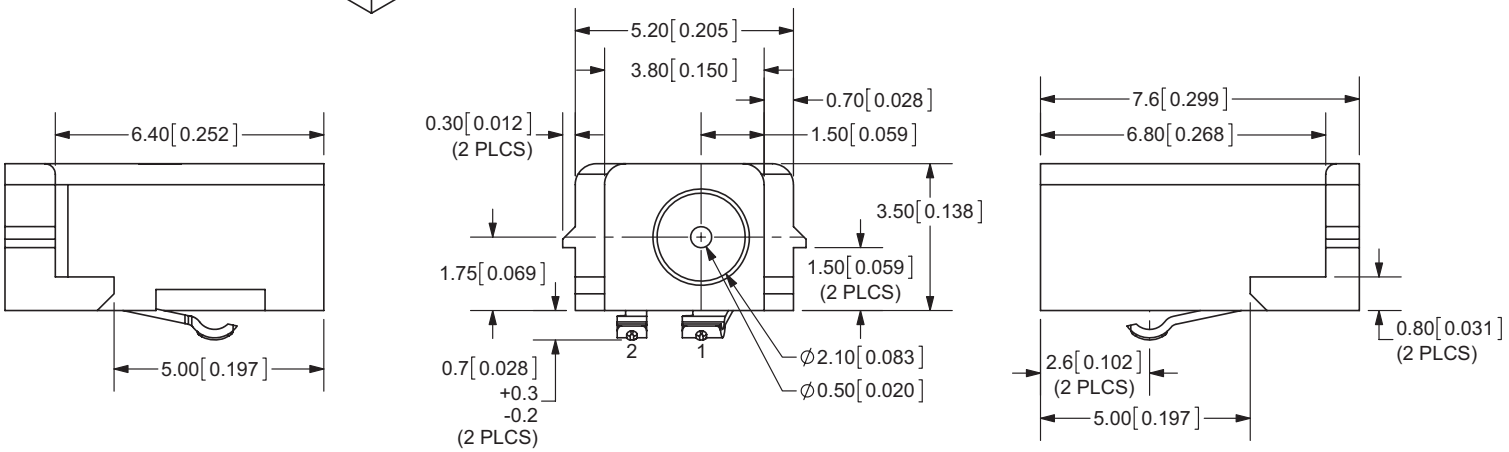
MECHANICAL DRAWING

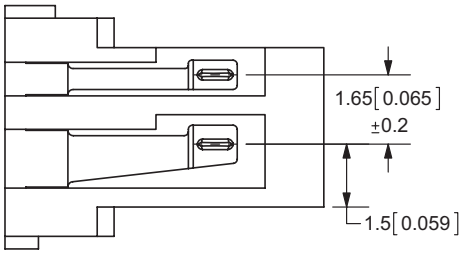
units: mm[inches]

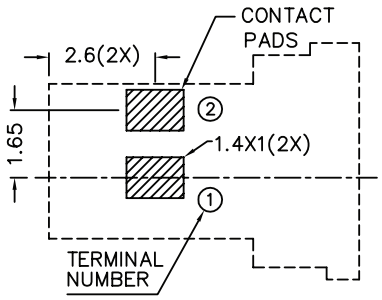
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



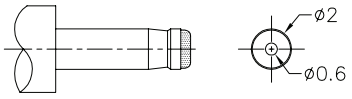
	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	copper alloy	gold flash
plastic	PA6T or equivalent	



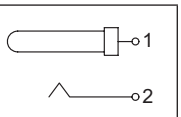




Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 5.5mm

SCHEMATIC	
Model	PJ-077
Center Pin	Ø0.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	01/07/2013
1.01	increased voltage rating	04/14/2016
1.02	updated datasheet	10/19/2017
1.03	brand update	10/18/2019

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