

**MODEL: PJ-038A | DESCRIPTION: DC POWER JACK**
**FEATURES**

- 2.0 mm center pin
- 2.5 A rating
- right angle orientation
- panel mount with tabs and 2.5 mm screw holes


**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current			2.5		A
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit		50 30		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

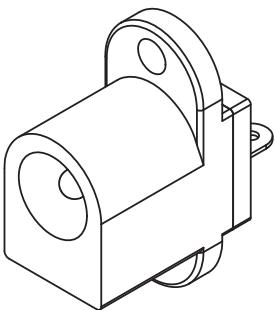
**SOLDERABILITY**

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

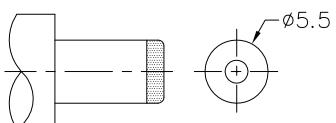
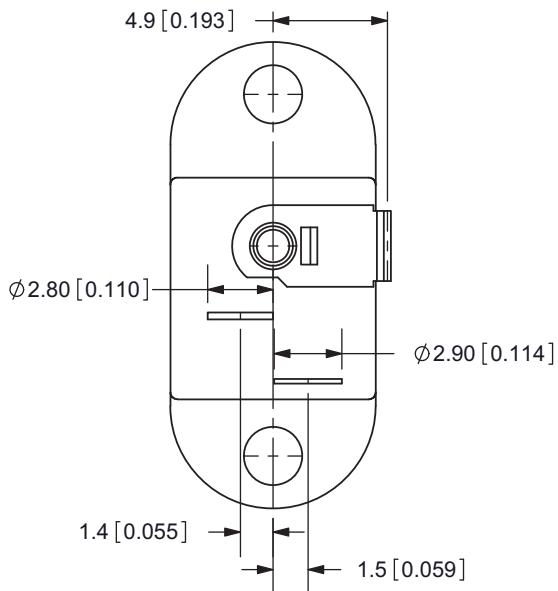
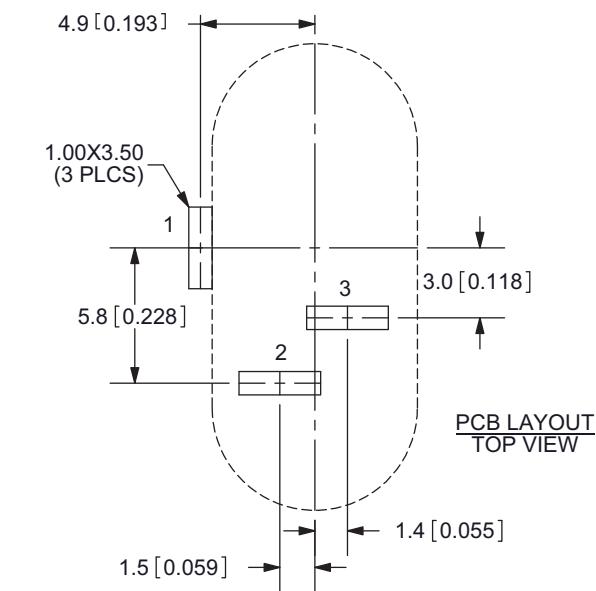
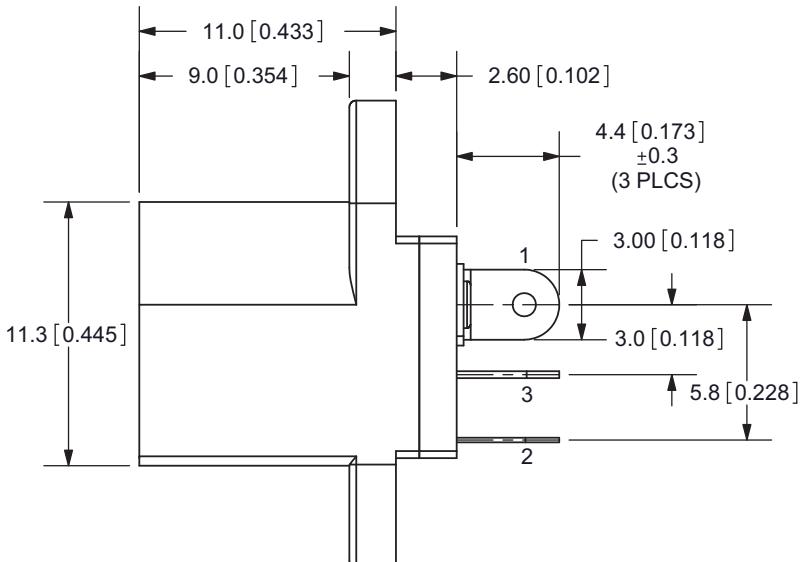
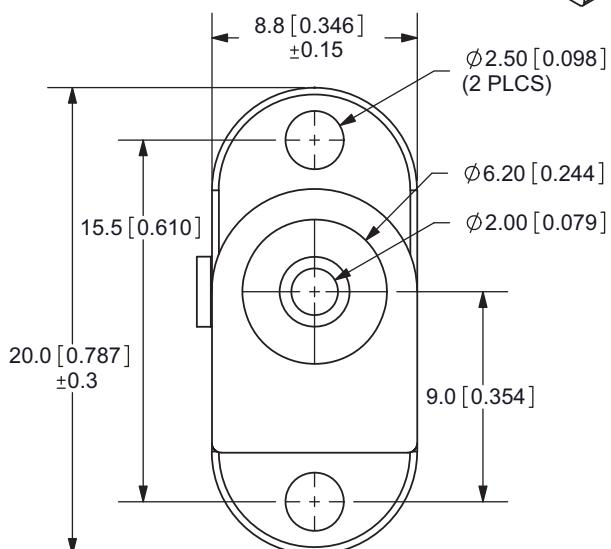
## MECHANICAL DRAWING

units: mm[inches]

tolerance:

X.X  $\pm$  0.2mmX.XX  $\pm$  0.1mmX.XXX  $\pm$  0.05mm

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

MATING PLUG  
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-038A
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

<b>rev.</b>	<b>description</b>	<b>date</b>
1.0	initial release	07/30/2007
1.01	applied new spec template	01/17/2014

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



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