

**MODEL:** PJ-014C | **DESCRIPTION:** DC POWER JACK**FEATURES**

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

**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			50	mΩ
	between terminal in a closed circuit			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				

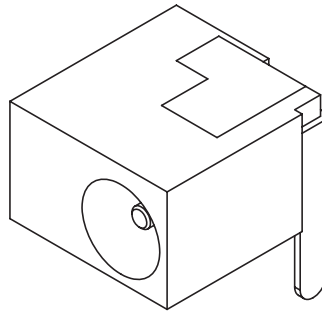
Note: 1. When measured at a current of less than 100 mA/1 kHz

SOLDERABILITY

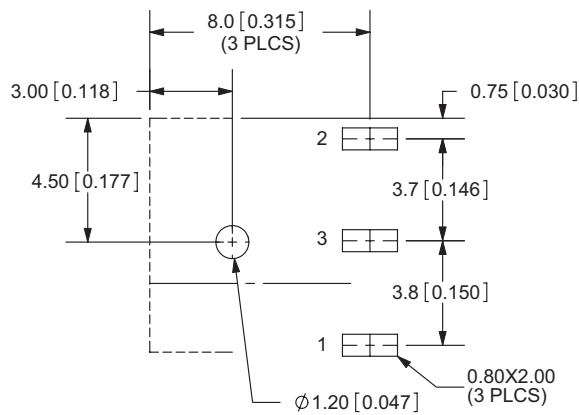
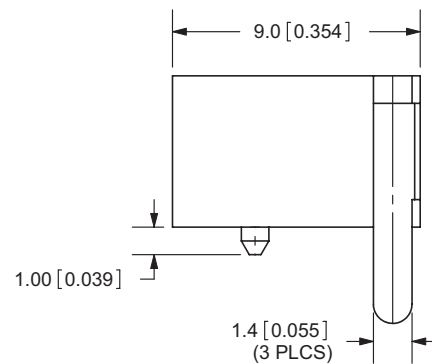
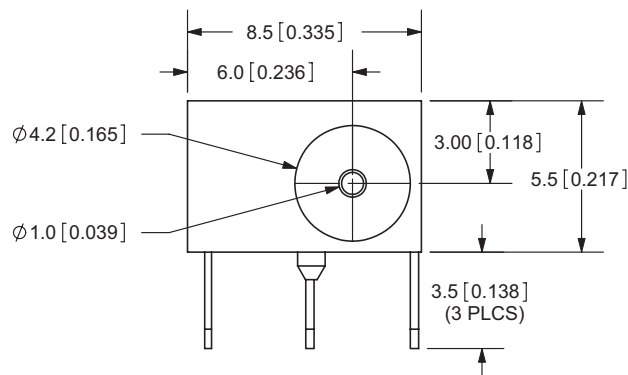
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

MECHANICAL DRAWING

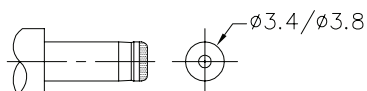
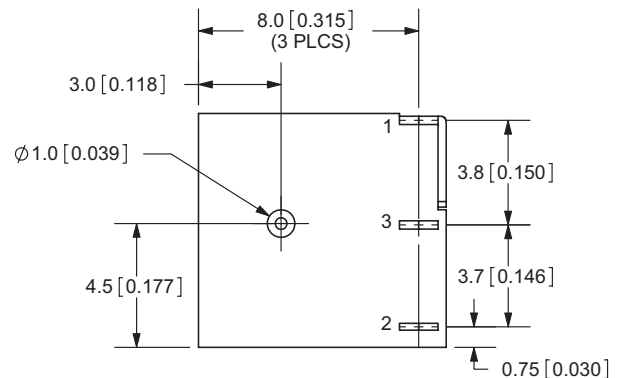
units: mm[inches]
tolerance:
X.X ± 0.2 mm
X.XX ± 0.1 mm
X.XXX ± 0.05 mm



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



PCB LAYOUT
TOP VIEW



MATING PLUG
Jack Insertion Depth: 7.2 mm

SCHEMATIC	
Model	PJ-014C
Center Pin	Ø1.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	10/19/2005
1.01	added dimensions	12/21/2007
1.02	applied new spec template	06/30/2015
1.03	increased voltage rating	05/18/2016

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



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