

**date** 04/14/2016

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**MODEL:** PJ-054 | **DESCRIPTION:** DC POWER JACK

#### **FEATURES**

- 1.65 mm center pin
- 2.5 A rating
- low profile
- right angle orientation
- through hole





## **SPECIFICATIONS**

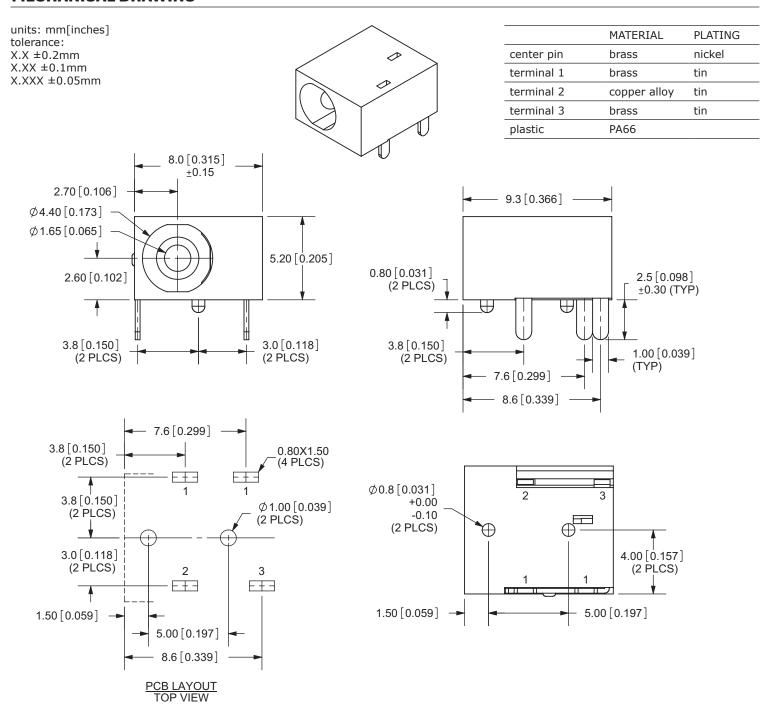
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	А
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	at 50/60Hz for 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				

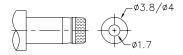
1. When measured at a current of less than  $\overline{100}$  mA/1 kHz Note:

# **SOLDERABILITY**

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

### **MECHANICAL DRAWING**





MATING PLUG Jack Insertion Depth: 6.2 mm

SCHEMATIC	○ □ □ 1 ○ 3 ○ 2
Model	PJ-054
Center Pin	Ø1.65mm

1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted. Note:

### **REVISION HISTORY**

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	06/09/2015
1.02	increased voltage rating	04/14/2016

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



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