

05/09/2016

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MODEL: PJ-029-SMT **DESCRIPTION:** DC POWER JACK

#### **FEATURES**

- 0.8mm center pin
- 2.5 A rating
- right angle orientation
- surface mount (SMT)
- shielded
- 3 conductor





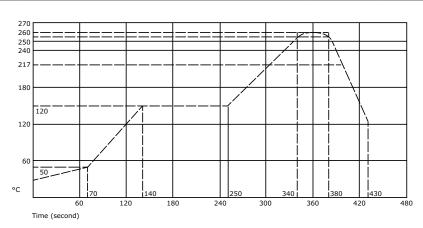
# **SPECIFICATIONS**

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			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				

Notes:

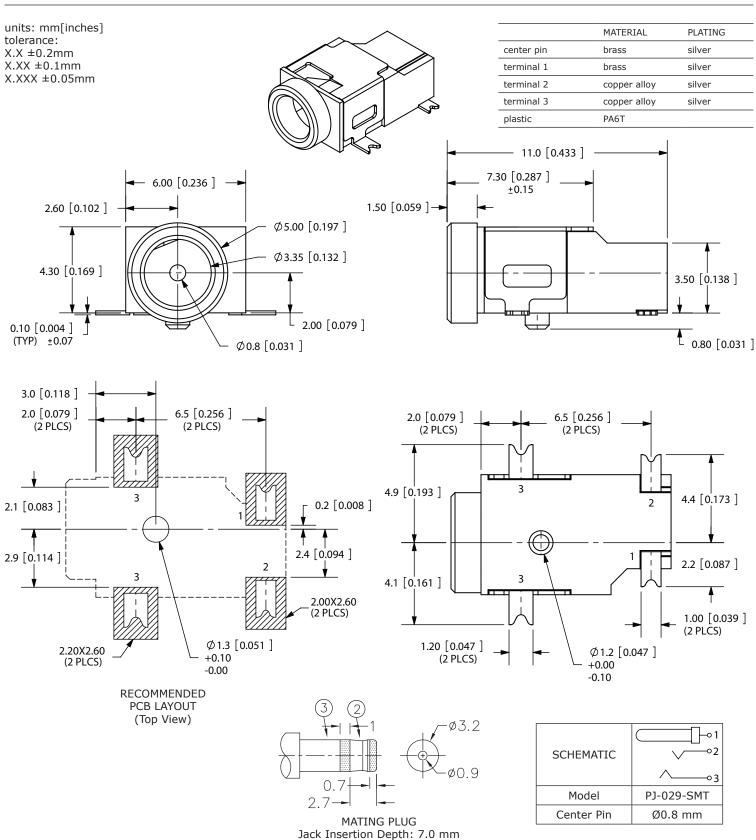
## **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



<sup>1.</sup> When measured at a current of less than 100 mA/1 kHz 2. Add suffix "-TR" to the model number for tape & reel packaging

## **MECHANICAL DRAWING**



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	01/30/2007	
1.01	added TR package option and jack insertion depth	11/07/2012	
1.02	applied new spec template	08/30/2013	
1.03	increased voltage rating	05/09/2016	

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



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