

# MODEL: PJ-006A-SMT | DESCRIPTION: DC POWER JACK

#### **FEATURES**

- 2.0mm center pin
- 4 A rating

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- vertical orientation
- surface mount (SMT)





parameter	conditions/description	min	typ	max	units
rated input voltage			18		Vdc
rated input current				4	А
contact resistance1	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: 1. When measured at a current of less than 1 A 2. Add suffix "-TR" to the model number for tape & reel packaging

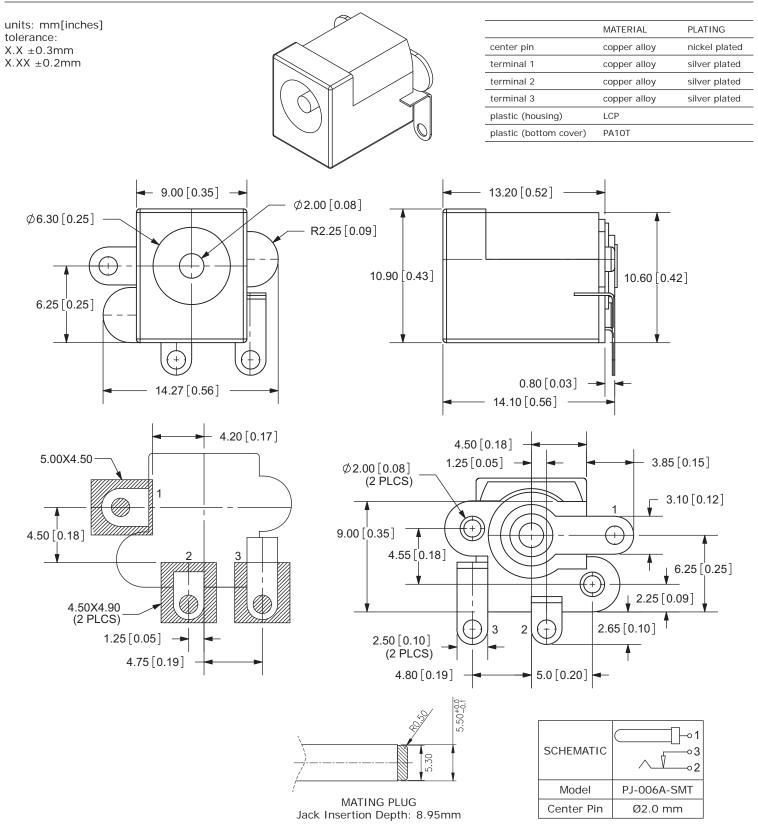
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## SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile		260	265	°C
	∧ Temperature				
	260 °C				
	217 °C				
	2-3 Minutes	10 Sec. T	ime		

#### **MECHANICAL DRAWING**

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Note: All specifications measured at 5~35°C, humidity at 40~85%, under standard atmospheric pressure, unless otherwise noted.

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### **REVISION HISTORY**

rev.	description	date
1.0	initial release	12/12/2005
1.01	added missing dimensions	10/18/2007
1.02	housing material changed	02/09/2011
1.03	added TR package option	11/07/2012
1.04	applied new spec template, updated rating	08/30/2013

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



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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