

07/25/2017

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MODEL: PJ1-023-SMT-TR **DESCRIPTION:** DC POWER JACK

FEATURES

- 0.65mm center pin
- 2.5 A rating
- right angle orientation
- surface mount (SMT)
- shielded
- internal switch





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	А
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

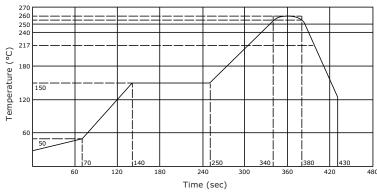
- 1. When measured at a current of less than 100 mA/1 kHz 2. All specifications measured at $10\sim35^{\circ}$ C, humidity at $45\sim85\%$, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering ³	see reflow profile	255	260	265	°C
drying conditions ⁴	parts in reel: bake at 40° C $\pm 5^{\circ}$ C for 72 hours parts removed from reel: bake at 40° C $\pm 5^{\circ}$ C for 10 hours				

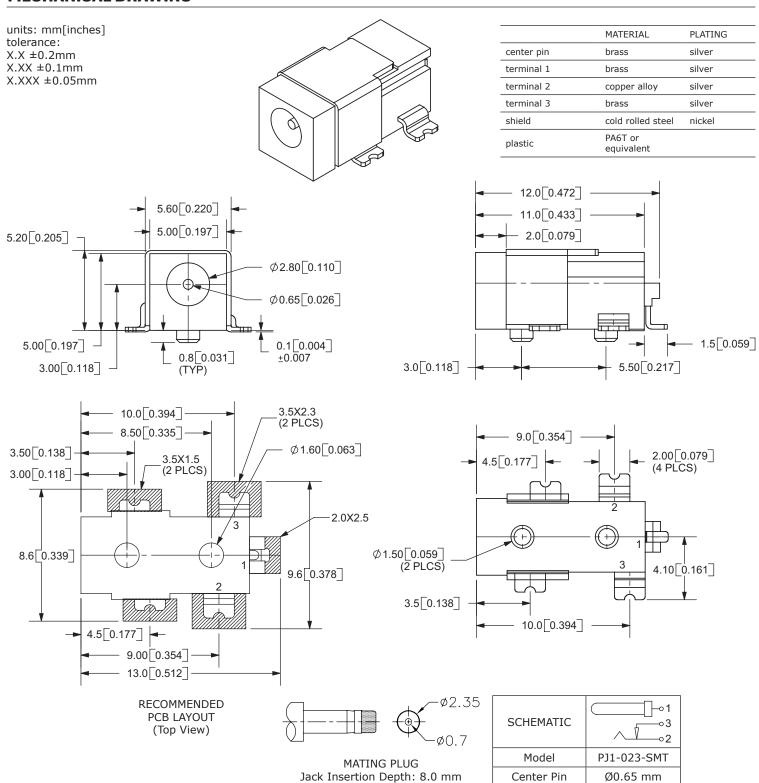
Note:

- 3. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
- 4. When exceeding floor life by >72 hours.



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MECHANICAL DRAWING

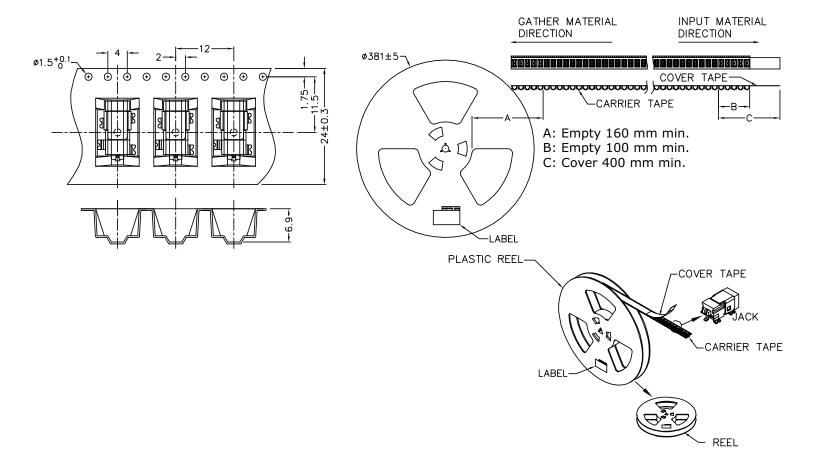


PACKAGING

units: mm

Reel Size: Ø381 mm

Reel QTY: 1,000 pcs per reel



REVISION HISTORY

rev.	description	date	
1.0	initial release	10/21/2005	
1.01	correction made to spec rating	04/19/2006	
1.02	added TR package option and jack insertion depth	11/07/2012	
1.03	applied new spec template	08/22/2013	
1.04	increased voltage rating	04/14/2016	
1.05	added storage and drying conditions, and tape and reel packaging details	07/25/2017	

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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