



**MODEL:** PJ-015BH-SMT | **DESCRIPTION:** DC POWER JACK

**FEATURES**

- surface mount
- vertical orientation
- rated up to 5 A



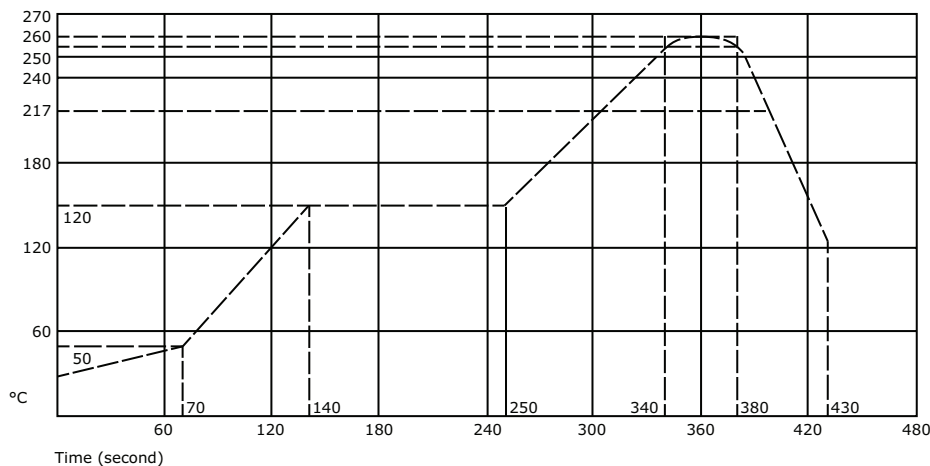
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	A
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/withdrawl force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles

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

**SOLDERABILITY**

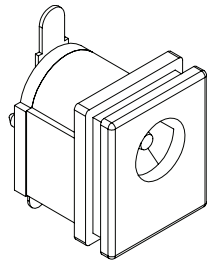
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



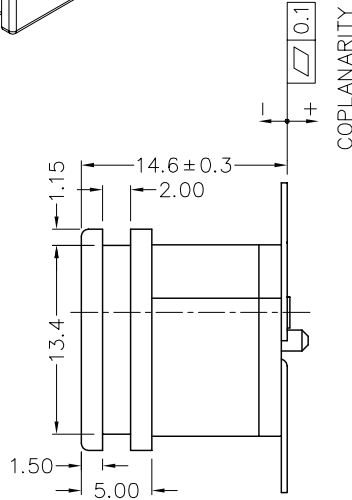
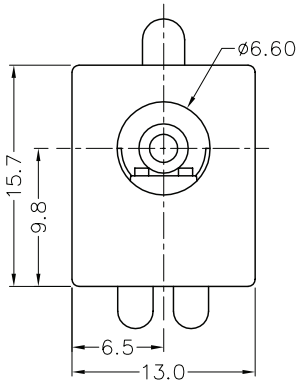
## MECHANICAL DRAWING

units: mm

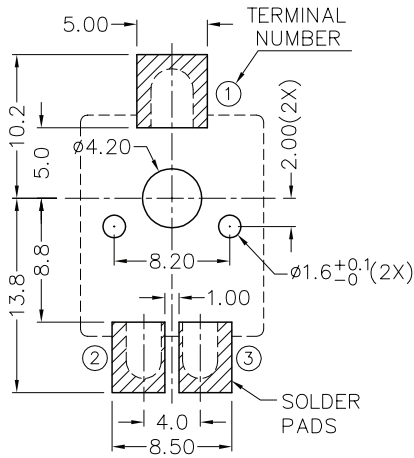
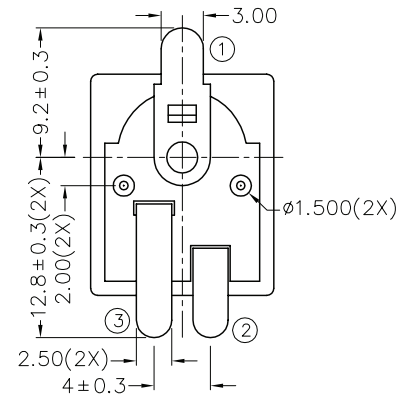
TOLERANCE:  
 X.X ±0.2mm  
 X.XX ±0.1mm  
 X.XXX ±0.05mm



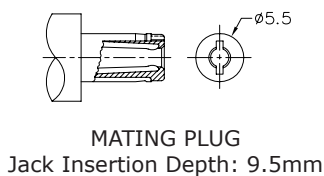
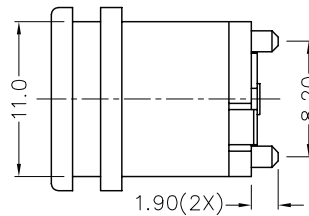
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PA6T	

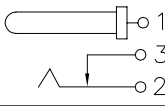


COPLANARITY



RECOMMENDED  
 SOLDER PAD LAYOUT  
 (TOP VIEW)



Schematic	
Model	Center Pin
PJ-015BH-SMT	ø2.5 mm

## REVISION HISTORY

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rev.	description	date
1.0	initial release	07/18/2012
1.01	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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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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