



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

FEATURES

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



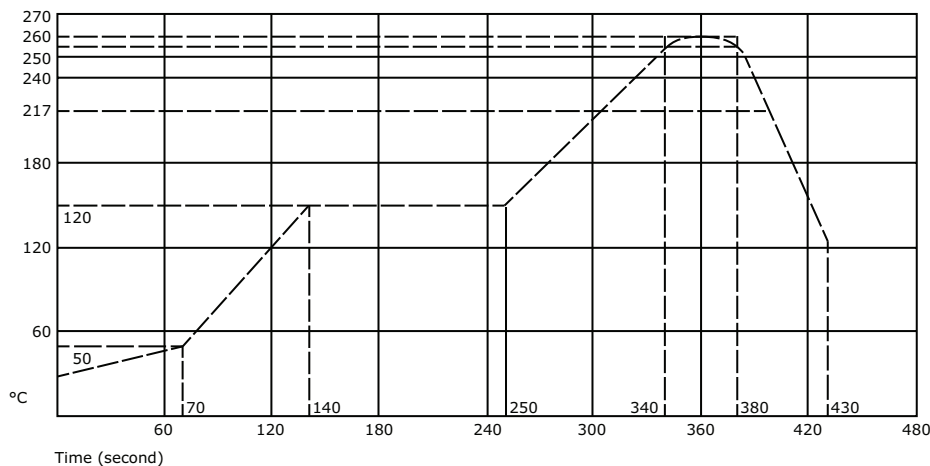
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	A
contact resistance 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	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

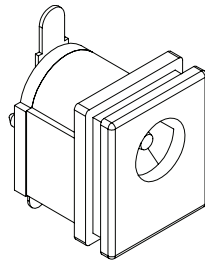
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



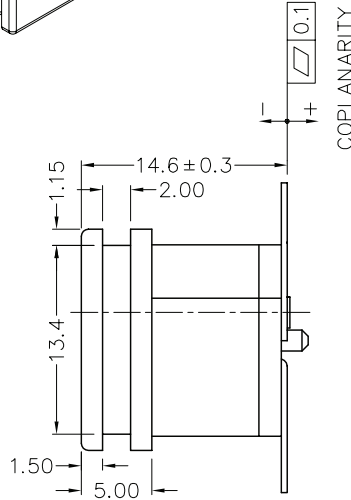
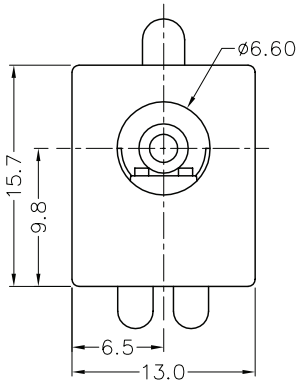
MECHANICAL DRAWING

units: mm

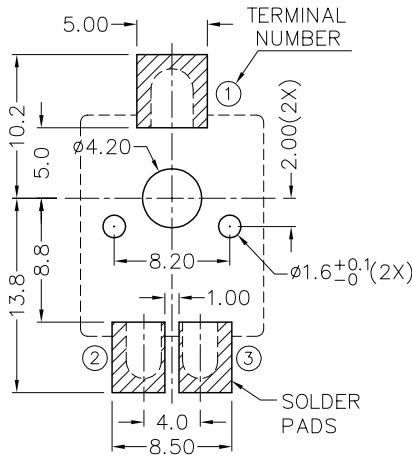
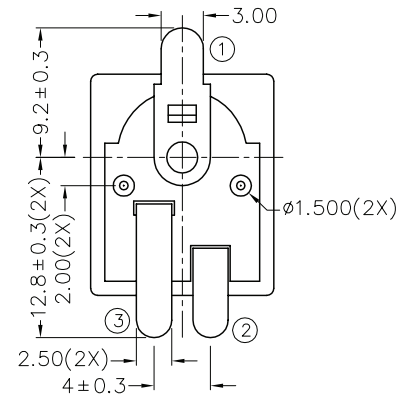
TOLERANCE:
 X.X ±0.2mm
 X.XX ±0.1mm
 X.XXX ±0.05mm



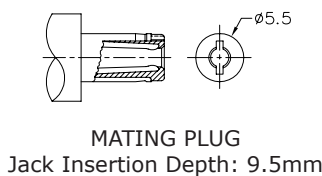
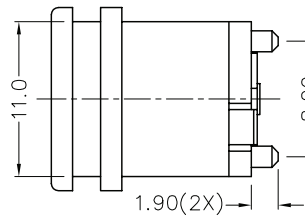
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PA6T	



COPLANARITY



RECOMMENDED
 SOLDER PAD LAYOUT
 (TOP VIEW)



MATING PLUG

Jack Insertion Depth: 9.5mm

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

REVISION HISTORY

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.



Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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

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