

MODEL: PJ-070AH-SMT | **DESCRIPTION:** DC POWER JACK

FEATURES

- surface mount
- vertical orientation
- high current rating

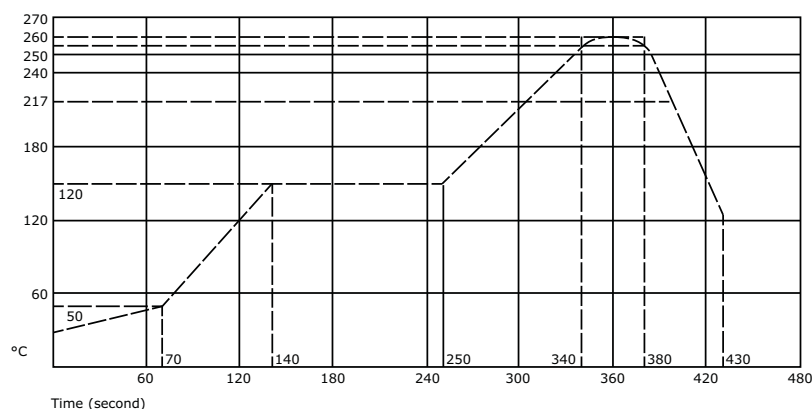

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				5	A
contact resistance*	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	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: *When measured at a current of less than 100 mA / 1 kHz

SOLDERABILITY

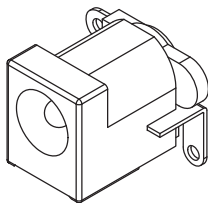
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



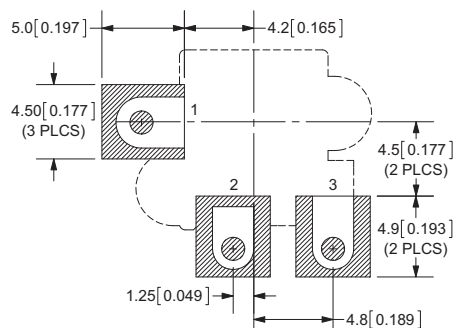
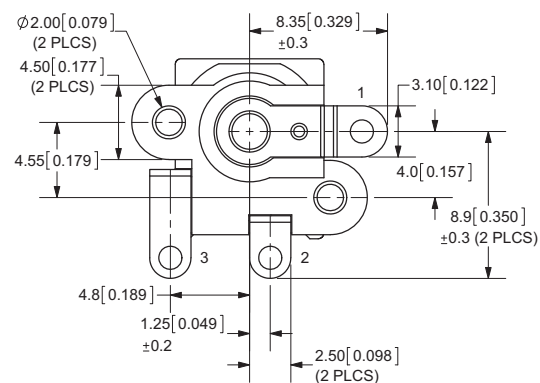
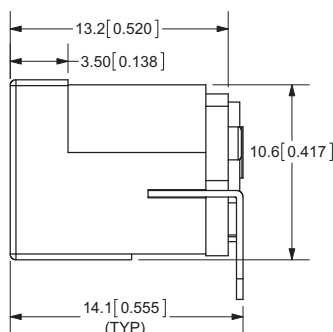
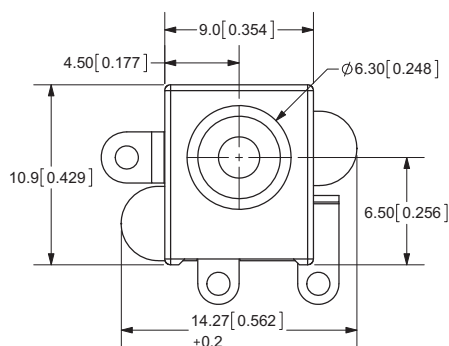
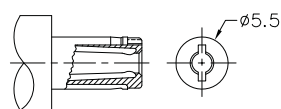
MECHANICAL DRAWING

units: mm[inches]

TOLERANCE:

X.X ± 0.2 mmX.XX ± 0.1 mmX.XXX ± 0.05 mm

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

PCB LAYOUT
TOP VIEWMATING PLUG
Jack Insertion Depth: 8.9mm

Schematic	
Model	Center Pin
PJ-070AH-SMT	$\varnothing 2.0$ mm

REVISION HISTORY

rev.	description	date
1.0	initial release	03/16/2012
1.01	updated features	06/15/2012

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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