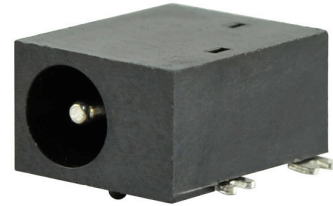




MODEL: PJ-014DH-SMT | **DESCRIPTION:** DC POWER JACK

FEATURES

- low profile
- 3.5 A current rating



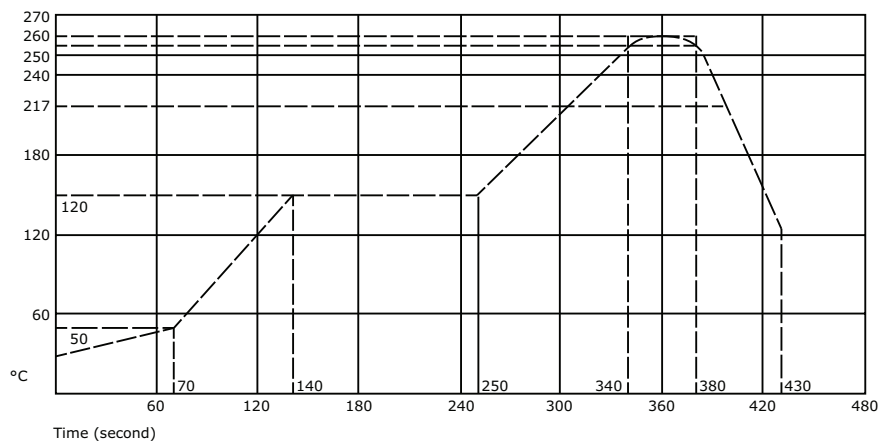
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3.5	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/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 100 mA / 1 kHz
2. Add suffix "-TR" to the model number for tape & reel packaging

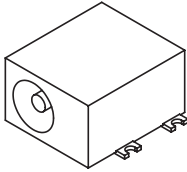
SOLDERABILITY

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

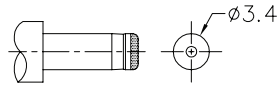
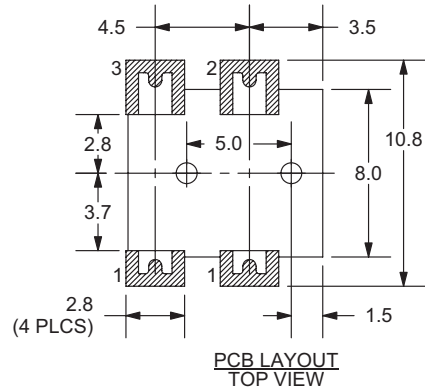
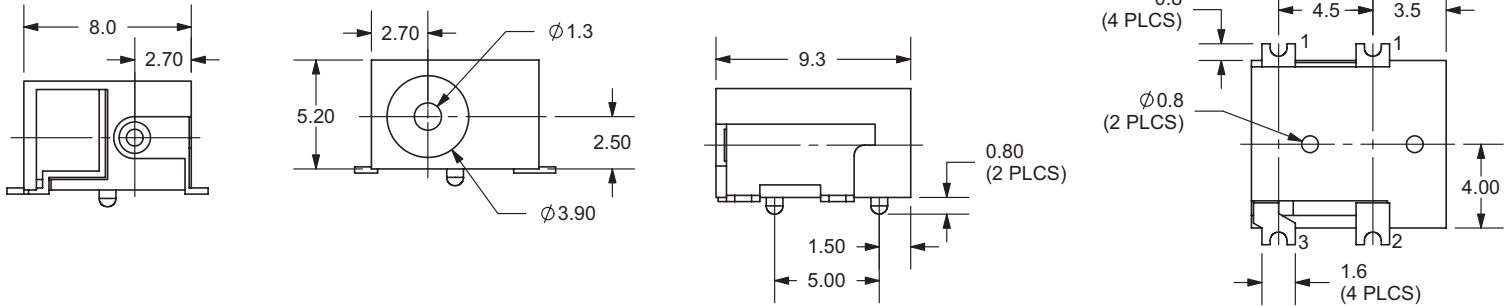


MECHANICAL DRAWING

units: mm[inches]
 tolerance: x.x = ±0.2 mm
 x.xx = ±0.1 mm
 x.xxx = ±0.05 mm



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



MATING PLUG
 Jack Insertion Depth: 6.2 mm

SCHEMATIC	
Model	Center Pin
PJ-014DH-SMT	ø1.3 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	10/13/2005
1.01	updated template	06/24/2011
1.02	added TR package option	11/20/2012
1.03	increased voltage rating	05/03/2016

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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CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.