

**date** 11/20/2012

page 1 of 3

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

#### **FEATURES**

- · low profile
- 3.5A current rating



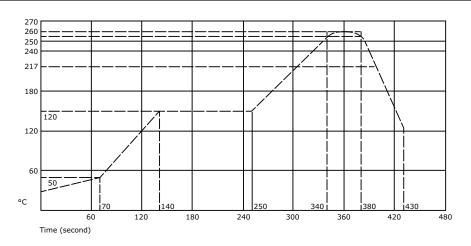
### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				3.5	Α
contact resistance between terminal and mating plug between terminal in a closed circuit <sup>1</sup>				50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			ΜΩ
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	
RoHS	yes				

Notes:

## **SOLDERABILITY**

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



<sup>1.</sup> When measured at a current of less than 100 mA / 1 kHz

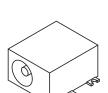
<sup>2.</sup> Add suffix "-TR" to the model number for tape & reel packaging

# **MECHANICAL DRAWING**

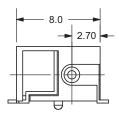
units: mm[inches]

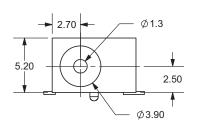
tolerance:  $x.x = \pm 0.2 \text{ mm}$ x.xx = +0.1 mm

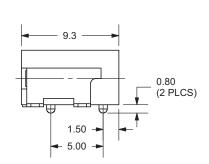
N. NN -		_ 0. 1		
X.XXX	=	±0.	05	mm

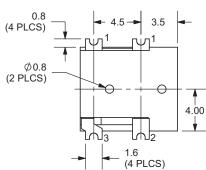


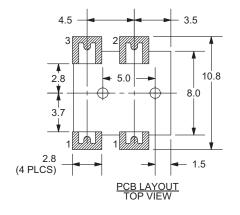
	MATERIAL	PLATING
cernter pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PA6T	

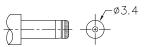












MATING PLUG Jack Insertion Depth: 6.2 mm

SCHEMATIC	○ 1 ○ 3 ○ 2
Model	Center Pin
PJ-014DH-SMT	ø1.3 mm

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

#### **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

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.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.