

Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)
[PJ-074-SMT-TR](#)

For any questions, you can email us directly:

sales@integrated-circuit.com


MODEL: PJ-074-SMT | DESCRIPTION: DC POWER JACK
FEATURES

- 3 conductor
- no internal switches
- gold flash

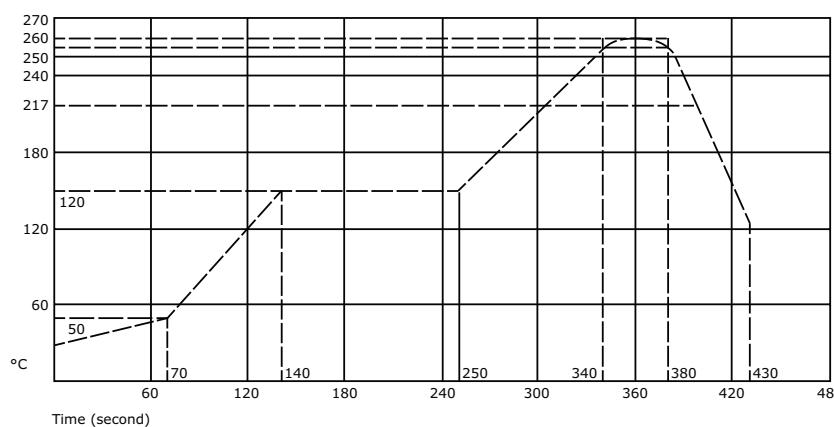

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage		24			Vdc
rated input current			2		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
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

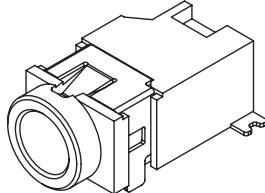


MECHANICAL DRAWING

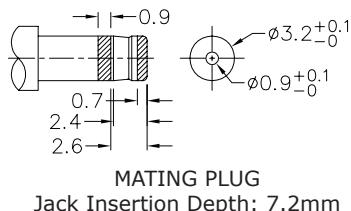
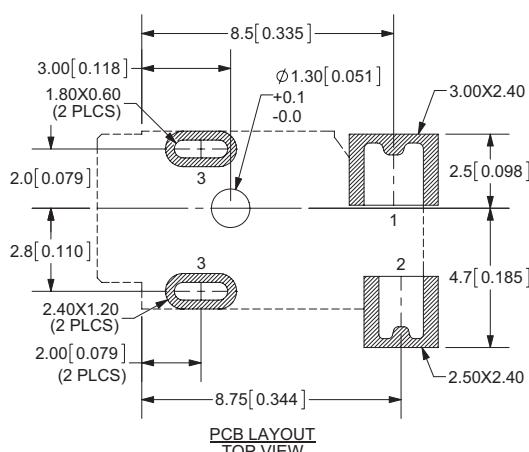
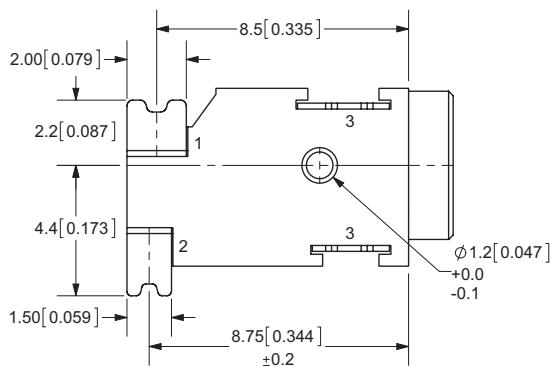
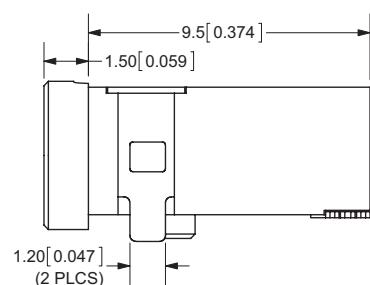
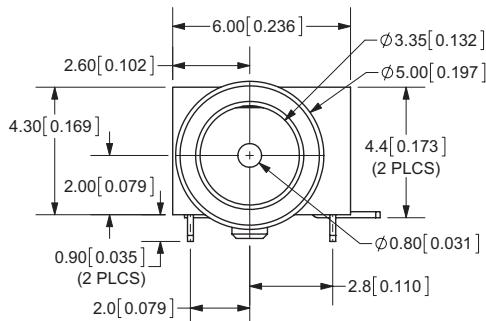
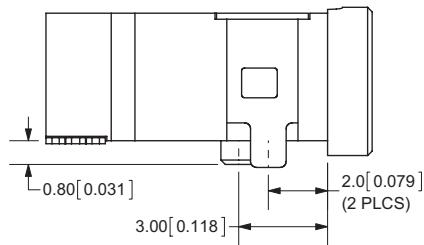
units: mm[inches]

TOLERANCE:

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



	MATERIAL	PLATING
terminal 1	brass	gold flash
terminal 2	copper alloy	gold flash
terminal 3	copper alloy	gold flash
plastic	PA6T	



MATING PLUG
Jack Insertion Depth: 7.2mm

SCHEMATIC	
Model	PJ-074-SMT
Center Pin	Ø0.8 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	08/23/2012
1.01	increased voltage rating	05/17/2016

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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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.