

Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)
[PJ-068B-SMT-TR](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



date 05/09/2016

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MODEL: PJ-068B-SMT | DESCRIPTION: MID MOUNT DC POWER JACK

FEATURES

- mid mount for low profile applications
- fully shielded
- high current rating



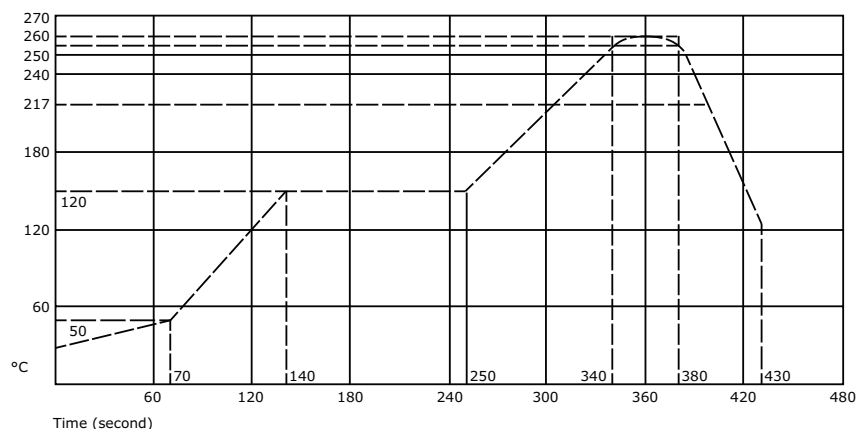
SPECIFICATIONS

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/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



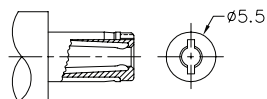
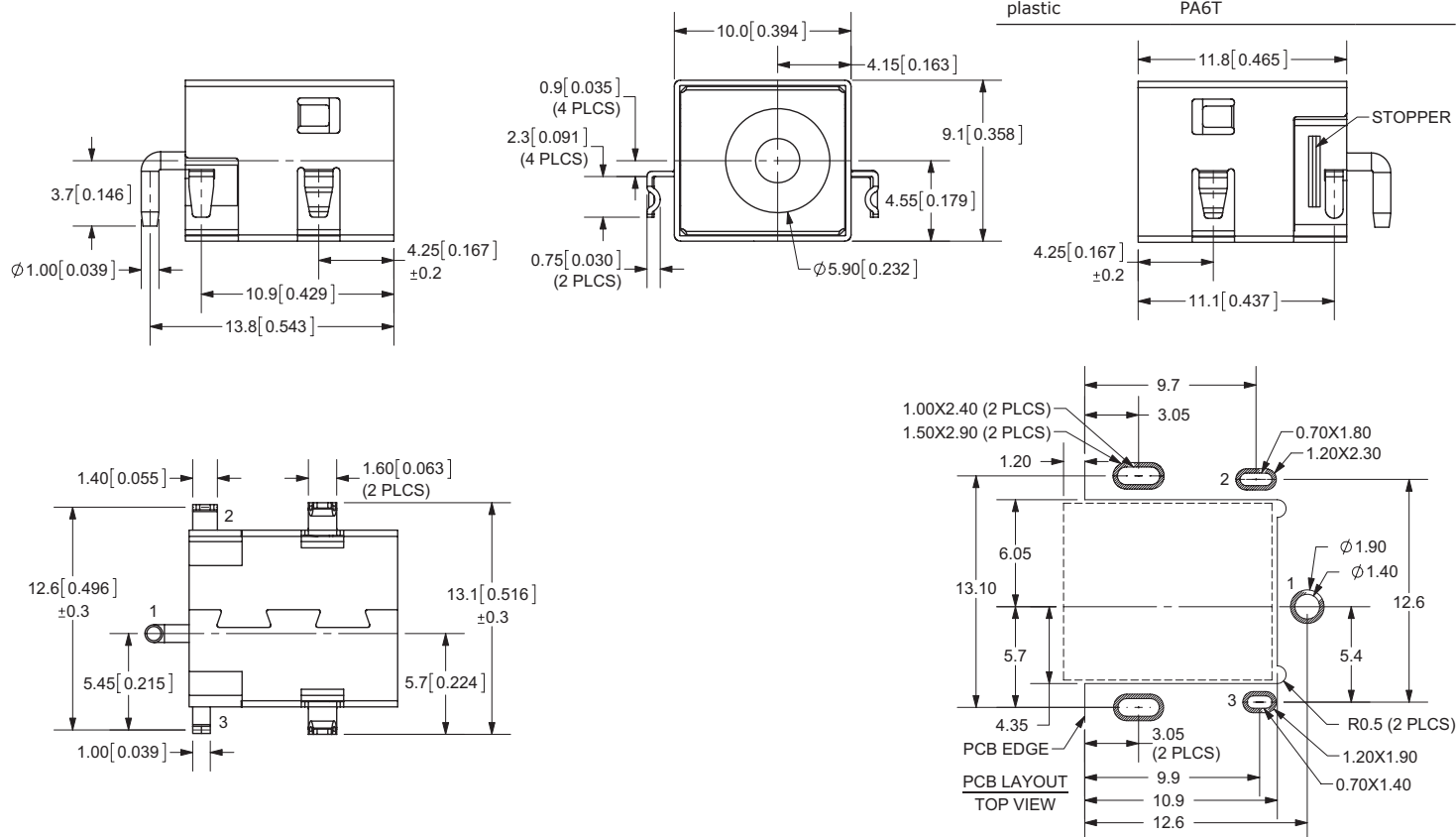
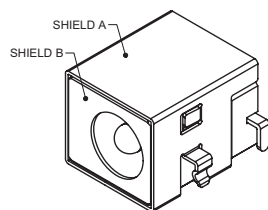
MECHANICAL DRAWING

units: mm[inches]

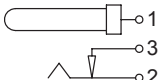
TOLERANCE:

X.X ± 0.2 mm

X.XX ± 0.1 mm

X.XXX ± 0.05 mm


MATING PLUG
Jack Insertion Depth: 8.2 mm

Schematic	
Model	Center Pin
PJ-068B-SMT	$\phi 2.5$ mm



REVISION HISTORY

rev.	description	date
1.0	initial release	05/04/2011
1.01	updated spec, added jack insertion depth	10/23/2012
1.02	added TR package option	11/29/2012
1.03	increased voltage rating	05/09/2016

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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