

Excellent Integrated System Limited

Stocking Distributor

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CUI Inc. PJ-032H-SMT-TR

For any questions, you can email us directly: sales@integrated-circuit.com



Distributor of CUI Inc.: Excellent Integrated System Limited

Datasheet of PJ-032H-SMT-TR - CONN PWR JACK 0.65X2.8MM SMT

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com electronic components
For more information, please visit the product page | For information on related products, view External Power Supplies



date 04/14/2016

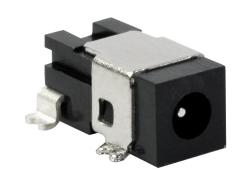
page 1 of 3

MODEL: PJ-032H-SMT | DESCRIPTION: DC POWER JACK

FEATURES

- 0.65mm center pin
- 2.5 A rating
- right angle orientation
- surface mount (SMT)
- shielded
- internal switch





SPECIFICATIONS

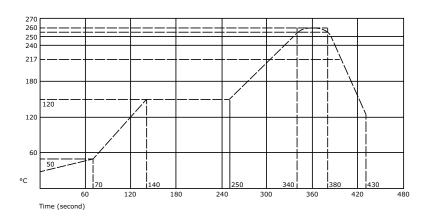
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	А
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	at 50/60Hz for 1 minute			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





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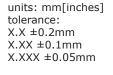
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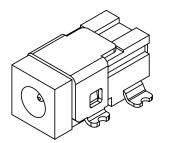
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CUI Inc | MODEL: PJ-032H-SMT | DESCRIPTION: DC POWER JACK

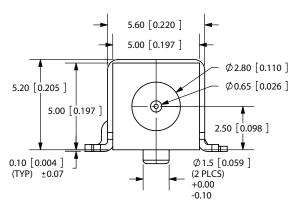
date 04/14/2016 | page 2 of 3

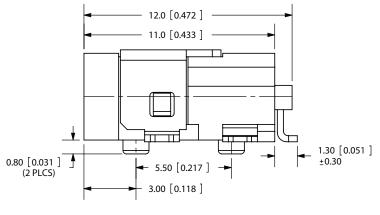
MECHANICAL DRAWING

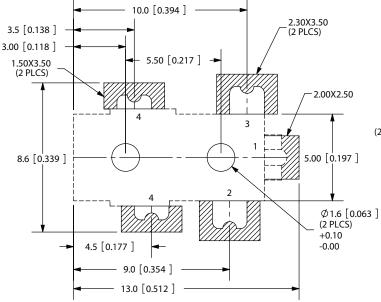


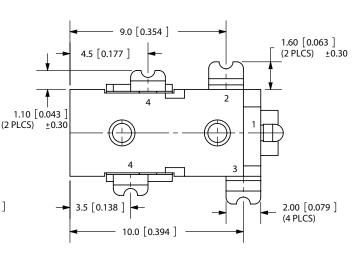


	MATERIAL	PLATING
center pin	brass	silver
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield	cold rolled steel	nickel
plastic	PA6T	









ø2.35

MATING PLUG Jack Insertion Depth: 8.0mm

SCHEMATIC	○ 1 ○ 3 ○ 2
Model	PJ-032H-SMT
Center Pin	Ø0.65 mm

All specifications measured at $10\sim35^{\circ}$ C, humidity at $45\sim85\%$, under standard atmospheric pressure, unless otherwise noted. Note:



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CUI Inc | MODEL: PJ-032H-SMT | DESCRIPTION: DC POWER JACK date 04/14/2016 | page 3 of 3

REVISION HISTORY

rev.	description	date
1.0	initial release	02/01/2007
1.01	added TR package option and jack insertion depth	11/07/2012
1.02	applied new spec template	08/28/2013
1.03	increased voltage rating	04/14/2016

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.