

Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)
[PJ-037BH-SMT-TR](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



date 04/14/2016

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MODEL: PJ-037BH-SMT | DESCRIPTION: DC POWER JACK

FEATURES

- 2.5mm center pin
- 5.0 A rating
- horizontal orientation
- surface mount (SMT)



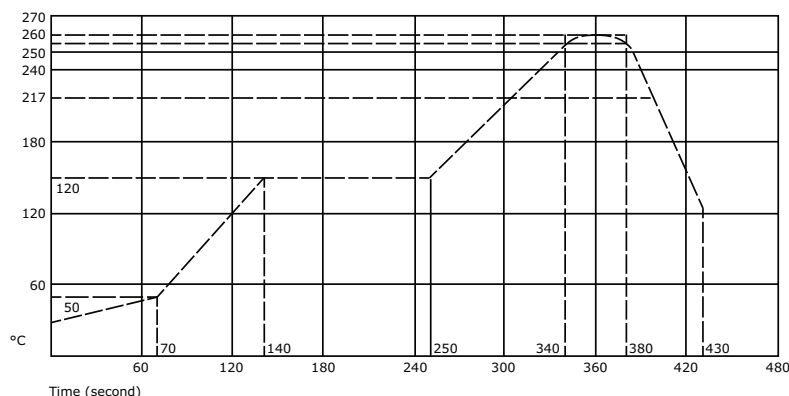
SPECIFICATIONS

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



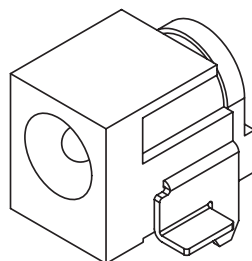
MECHANICAL DRAWING

units: mm[inches]

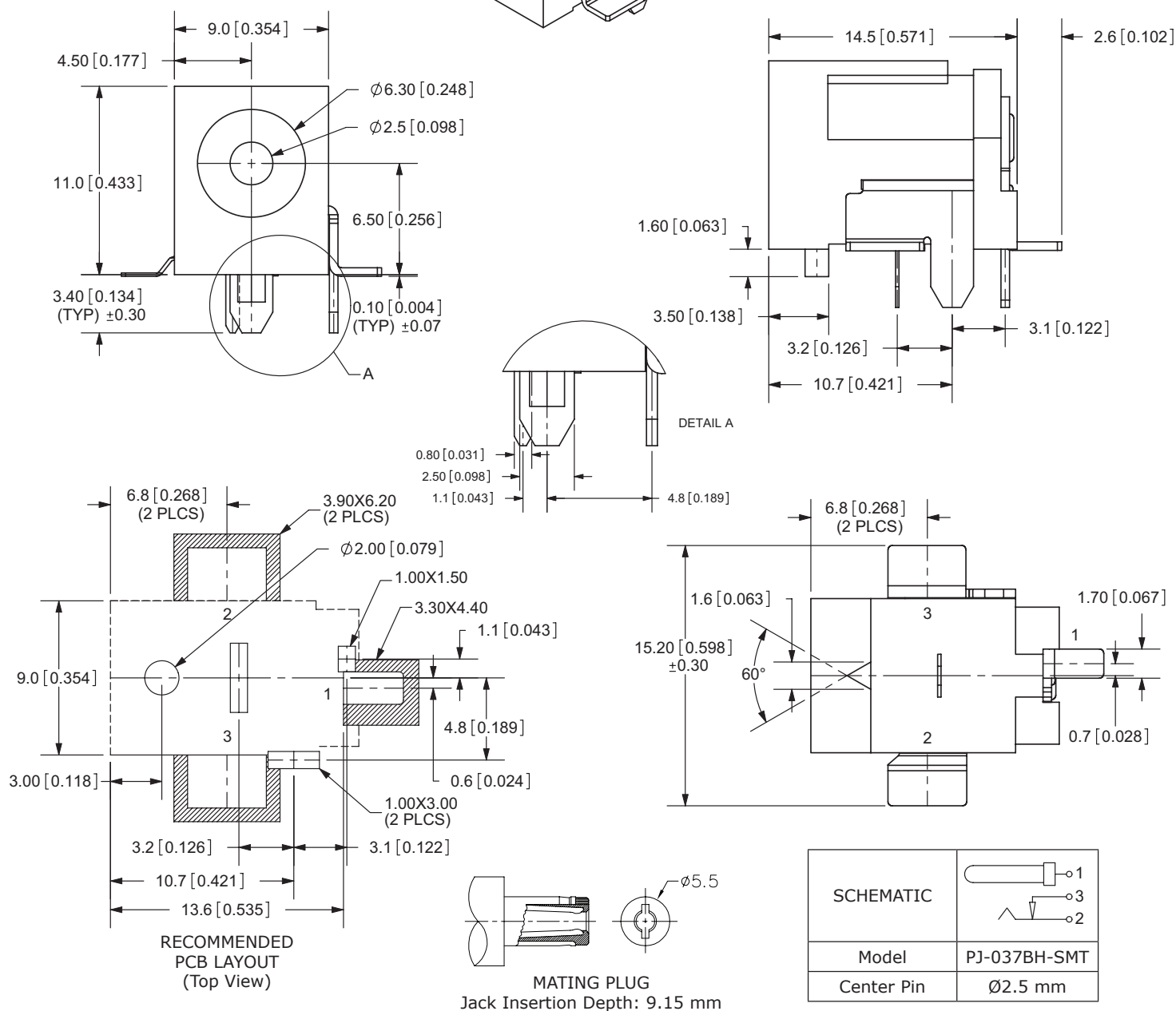
tolerance:

X.X ± 0.2 mm

X.XX ± 0.1 mm

X.XXX ± 0.05 mm


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



Note: All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.



Distributor of CUI Inc.: Excellent Integrated System Limited

Datasheet of PJ-037BH-SMT-TR - CONN PWR JACK 2.5X6.3MM SMT

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

For more information, please visit the [product page](#) | For information on related products, view [External Power Supplies](#)

CUI Inc | MODEL: PJ-037BH-SMT | DESCRIPTION: DC POWER JACK

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REVISION HISTORY

rev.	description	date
1.0	initial release	02/02/2007
1.01	added TR package option	11/07/2012
1.02	applied new spec template, updated center pin material	08/21/2013
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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