

## **Excellent Integrated System Limited**

Stocking Distributor

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[CUI Inc.](#)  
[PJ-036AH-SMT-TR](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**MODEL: PJ-036AH-SMT | DESCRIPTION: DC POWER JACK**
**FEATURES**

- 2.0mm center pin
- 5.0 A rating
- horizontal orientation
- surface mount (SMT)

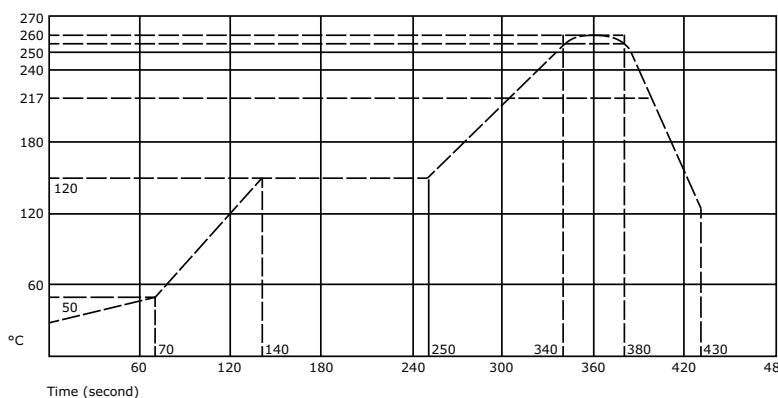

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			5		A
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit	50 30	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

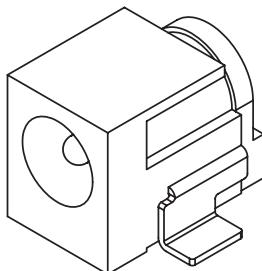
units: mm[inches]

tolerance:

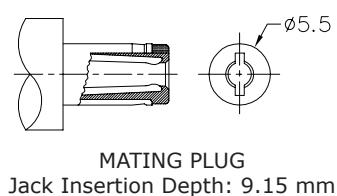
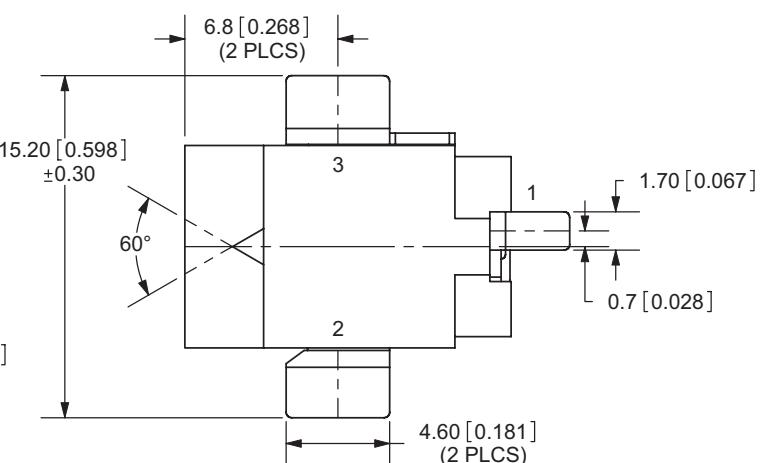
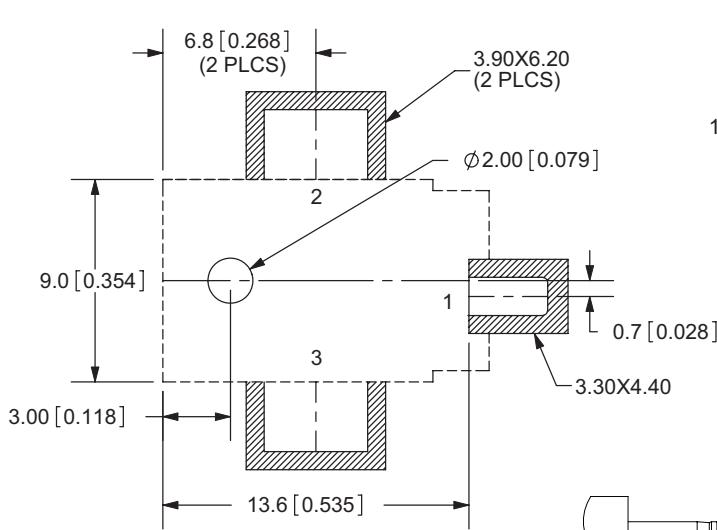
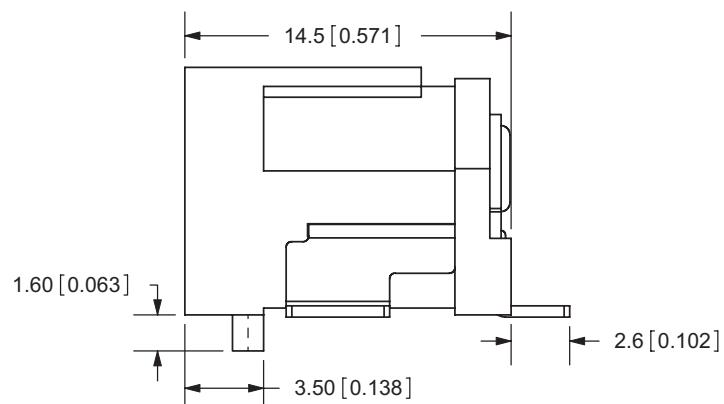
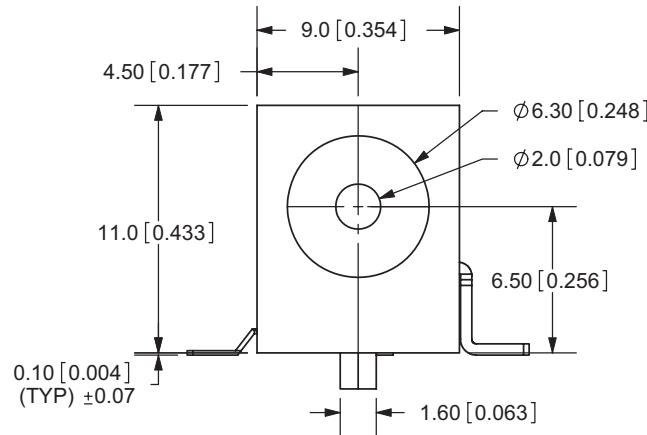
X.X  $\pm$ 0.2mm

X.XX  $\pm$ 0.1mm

X.XXX  $\pm$ 0.05mm



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



SCHEMATIC	
Model	PJ-036AH-SMT
Center Pin	$\varnothing$ 2.0 mm

Note: 1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

**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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