Excellent Integrated System Limited

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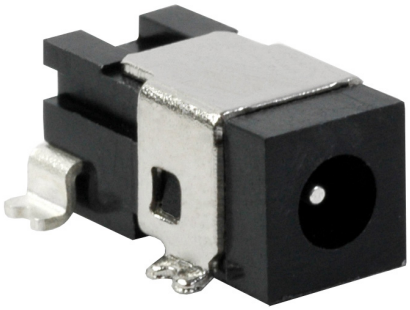
CUI Inc.
PJ-032H-SMT-TR

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

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



RoHS

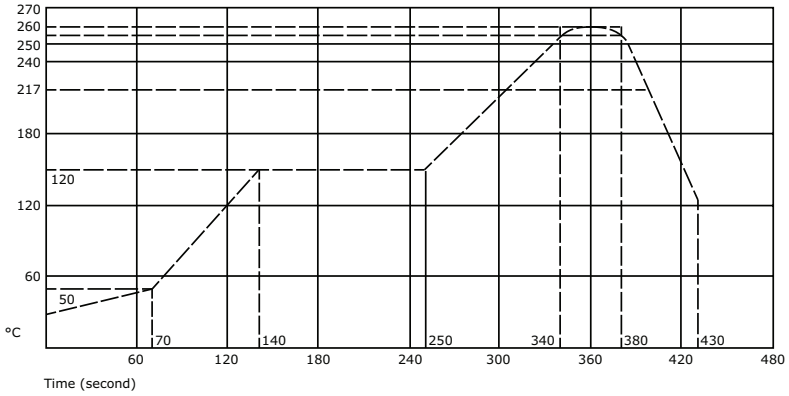
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	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

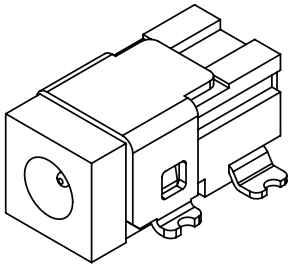
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C

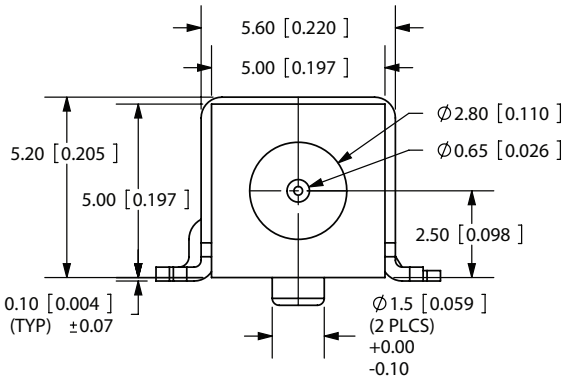


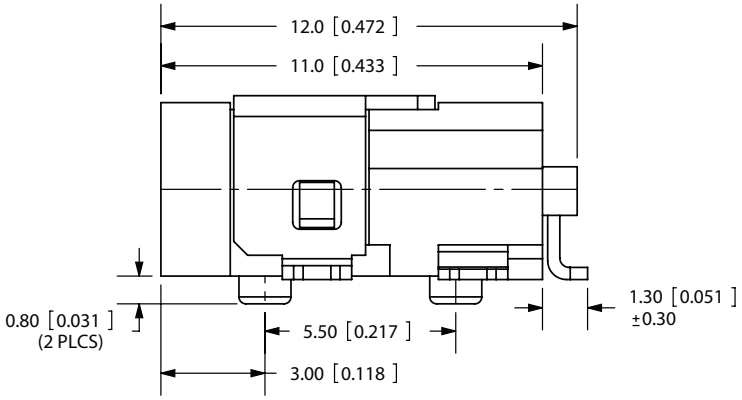
MECHANICAL DRAWING

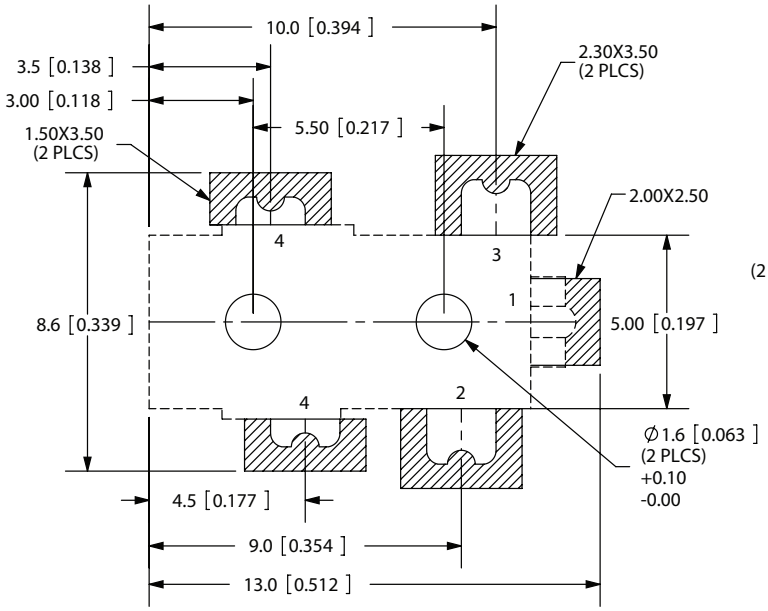
units: mm[inches]
tolerance:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



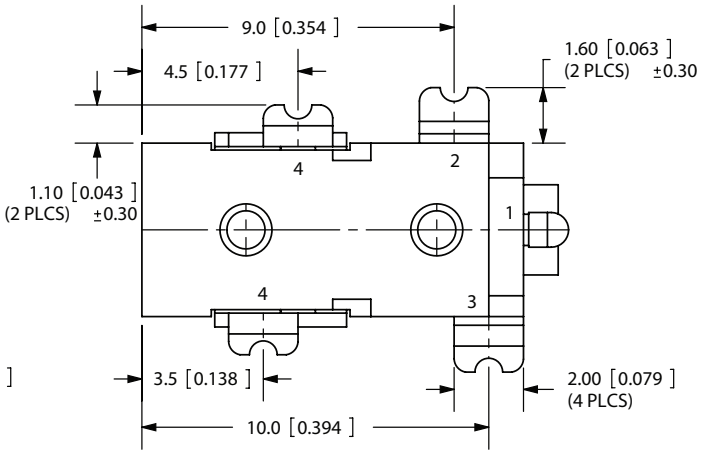
	MATERIAL	PLATING
center pin	brass	silver
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield	cold rolled steel	nickel
plastic	PA6T	

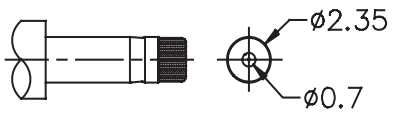




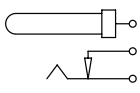


PCB LAYOUT
TOP VIEW





MATING PLUG
Jack Insertion Depth: 8.0mm

SCHEMATIC	
Model	PJ-032H-SMT
Center Pin	Ø0.65 mm

Note: 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	02/01/2007
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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