

04/08/2016

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MODEL: PJ-033A | **DESCRIPTION:** DC POWER JACK

FEATURES

- 2.0 mm center pin
- snap-in tabs
- through hole mount, vertical orientation
- 2 conductors, 1 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			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				

SOLDERABILITY

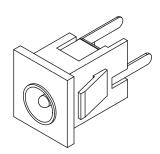
1. When measured at a current of less than 100 mA / 1 kHz

Note:

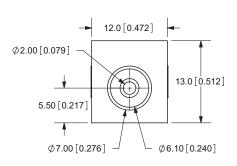
parameter	conditions/description	min	typ	max	units
wave soldering		255	260	265	°C

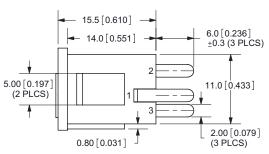
MECHANICAL DRAWING

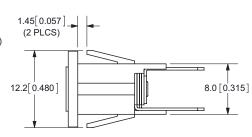
units: mm[inches] tolerance: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

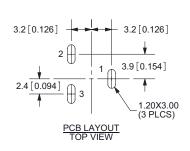


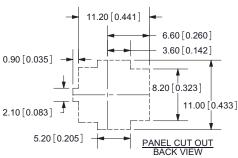
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
plastic	PBT	

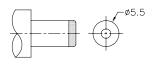












MATING PLUG Jack Insertion Depth: 8.2 mm

SCHEMATIC	○ 1 ○ 3 ○ 2
Model	PJ-033A
Center Pin	ø2.0 mm

REVISION HISTORY

rev.	description	date	
1.0	initial release	07/30/2007	
1.01	changed insulator material to PBT, applied new spec template	08/22/2013	
1.02	increased voltage rating	04/08/2016	

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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