CUI DEVICES

Additional Resources: Product Page

date 10/23/2019

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MODEL: PJ-055C | **DESCRIPTION:** DC POWER JACK

FEATURES

- 1.0 mm center pin
- 2.0 A rating
- vertical orientation
- through hole mount





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.0	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	yes				
Note: 1. When measured at a cu	rrent of less than 100 mA/1 kHz				

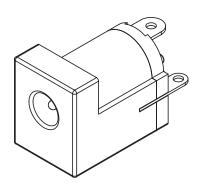
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ± 0.5 seconds	255	260	265	°C

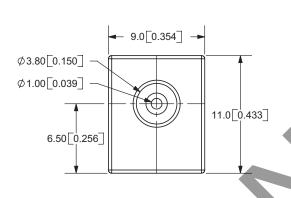


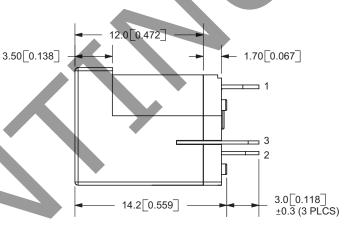
MECHANICAL DRAWING

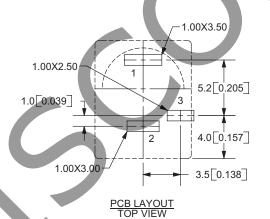
units: mm[inches] tolerance: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

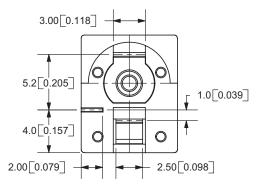


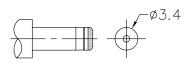
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
plastic	PBT	











MATING PLUG Jack Insertion Depth: 9 mm

SCHEMATIC	-1 -3 -2
Model	PJ-055C
Center Pin	Ø1.0 mm

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

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REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	01/21/2016
1.02	increased voltage rating	05/03/2016
1.03	brand update	10/23/2019

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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