

Additional Resources: Product Page

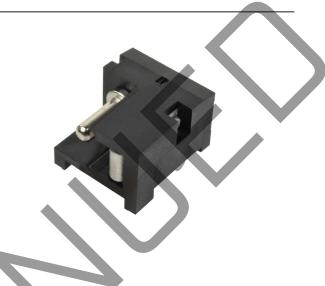
date 08/05/2022

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MODEL: PJ-003A | DESCRIPTION: DC POWER JACK

FEATURES

- 2.0 mm center pin
- 2.5 A rating
- right-angle orientation
- through hole
- open frame





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	$m\Omega$
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

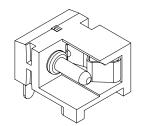
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C



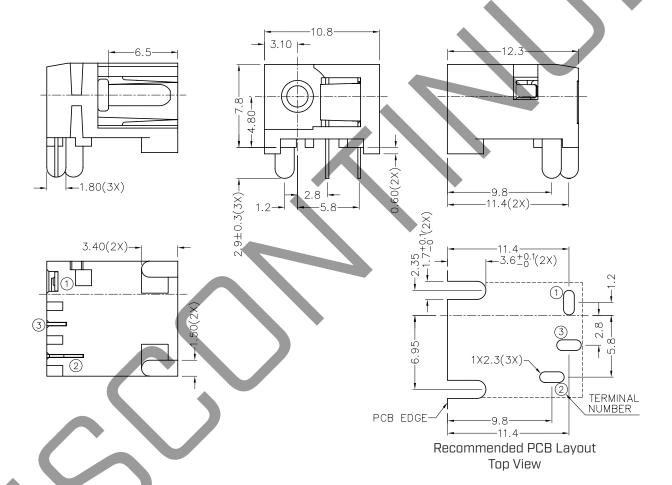
When measured at a current of less than 100 mA/1 kHz
 All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm tolerance: X.X ±0.2 mm X.XX ±0.10 mm X.XXX ±0.050 mm PCB: ±0.05 mm



MATERIAL	PLATING		
brass	nickel		
brass	tin		
copper alloy	tin		
brass	tín		
PBT			
	brass copper alloy brass	brass nickel brass tin copper alloy tin brass tin	brass nickel brass tin copper alloy tin brass tin





SCHEMATIC	01 03 02
Model	PJ-003A
Center Pin	Ø2.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	11/09/2005
1.01	updated model	04/13/2006
1.02	applied new spec template	01/08/2015
1.03	increased voltage rating	04/28/2016
1.04	changed mold design	02/28/2018
1.05	brand update	10/30/2019
1.06	logo, datasheet style update	08/05/2022

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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