

date 02/23/2023

page 1 of 3

MODEL: PJ-037A | DESCRIPTION: DC POWER JACK

FEATURES

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



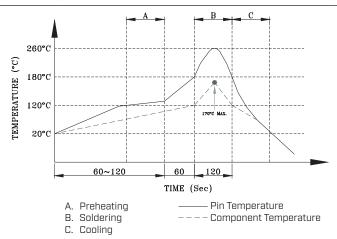


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			100 30	$m\Omega$
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		2	kg
operating temperature		-25		85	°C
life		5,000		cycles	
flammability rating	UL94V-D				
RoHS	Ves				

SOLDERABILITY

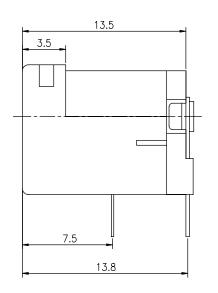
parameter	conditions/description	min	typ	max	units
wave soldering	for max 5 seconds	255	260	265	°C

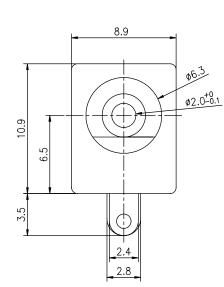


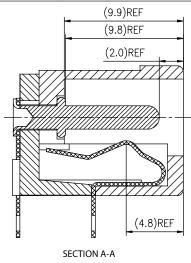
MECHANICAL DRAWING

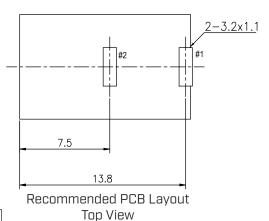
units: mm tolerance: X.X ±0.20 mm X.XX ±0.15 mm X.XXX ±0.10 mm PCB: ±0.05 mm unless otherwise specified

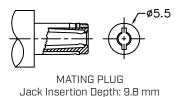
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper alloy	nickel
terminal 1	brass t=0.3 mm	nickel-silver
terminal 2	phosphor bronze t=0.3 mm	nickel-silver
housing	PBT (UL94V-0)	black
cover	PBT (UL94V-0)	black











SCHEMATIC		
Model	PJ-037A	
Center Pin	Ø2.0 mm	

REVISION HISTORY

rev.	description	date	
1.0	initial release	07/30/2007	
1.01	cut away area modified	08/28/2008	
1.02	added dimensions	06/23/2011	
1.03	applied new spec template	01/17/2014	
1.04	increased voltage rating	04/08/2016	
1.05	brand update	10/28/2019	
1.06	logo, datasheet style update	08/05/2022	
1.07	product reengineered for improved manufacturability and production yield, see PCN for details	02/23/2023	

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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