CUDEVICES

MODEL: PJ-040D | **DESCRIPTION:** DC POWER JACK

FEATURES

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



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.0	A
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.5		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				

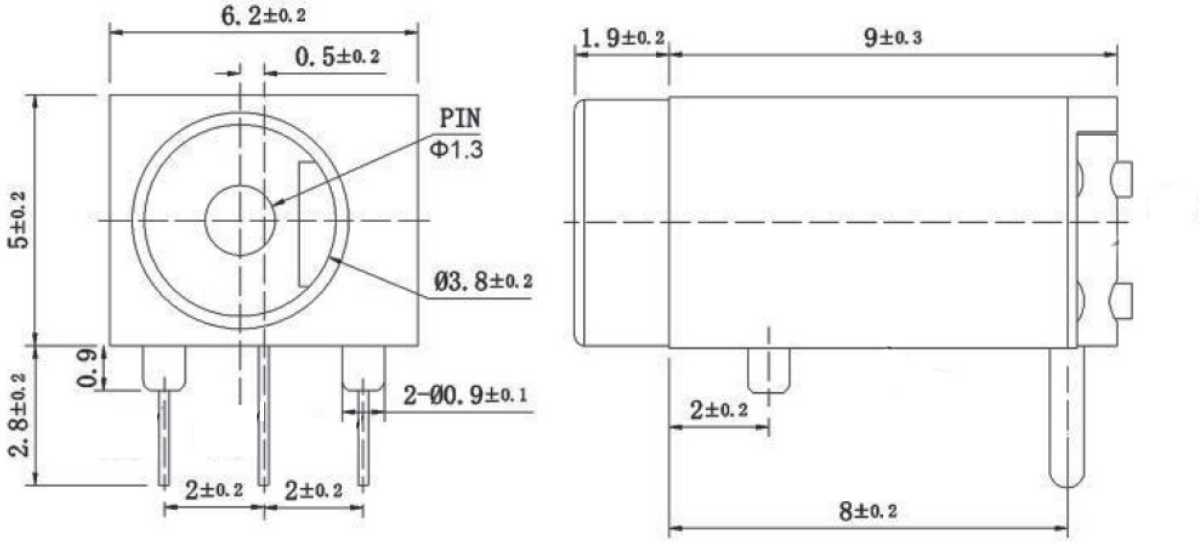
SOLDERABILITY

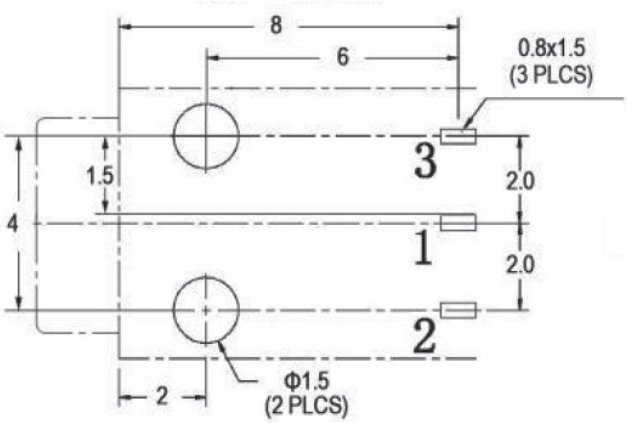
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

MECHANICAL DRAWING

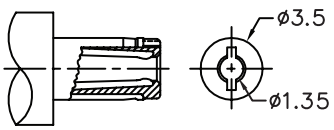
units: mm
tolerance:
X. ±0.15 mm
X.X ±0.10 mm
X.XX ±0.05 mm
PCB: ±0.05 mm
unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	silver
terminal 1	brass t=0.25	silver
terminal 2	brass t=0.25	silver
terminal 3	brass t=0.25	silver
housing	PBT (UL94V-0)	black

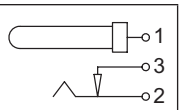




Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 8.0 mm

SCHEMATIC	
Model	PJ-040D
Center Pin	Ø1.3 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	added pin dimension	06/11/2008
1.02	applied new spec template	07/13/2015
1.03	increased voltage rating	05/03/2016
1.04	changed terminal plating to silver	02/13/2019
1.05	brand update	10/23/2019
1.06	logo, datasheet style update	08/05/2022
1.07	product reengineered for improved manufacturability and production yield, see PCN for details	12/15/2022

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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