CUDEVICES

MODEL: PJ-054 | **DESCRIPTION:** DC POWER JACK

FEATURES

- 1.65 mm center pin
- 2.5 A rating
- low profile
- right angle orientation
- through hole



RoHS

SPECIFICATIONS

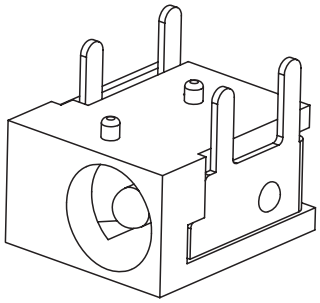
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	A
contact resistance				50	mΩ
insulation resistance	at 250 Vdc	100			MΩ
voltage withstand				500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
storage temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

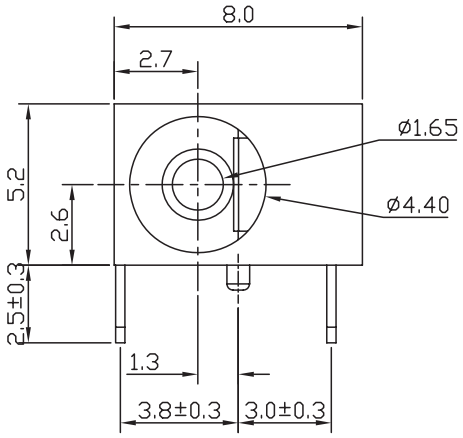
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 10 seconds		260		°C

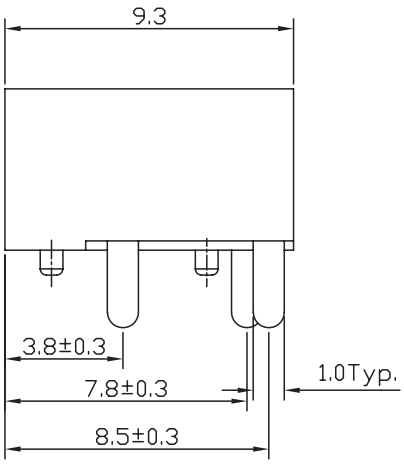
MECHANICAL DRAWING

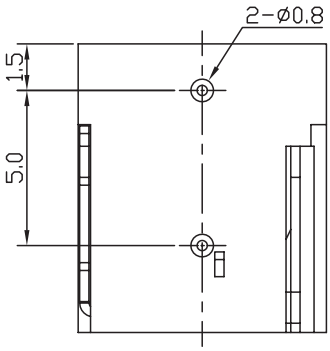
units: mm
tolerance: ±0.20 mm
PCB: ±0.05 mm
unless otherwise specified

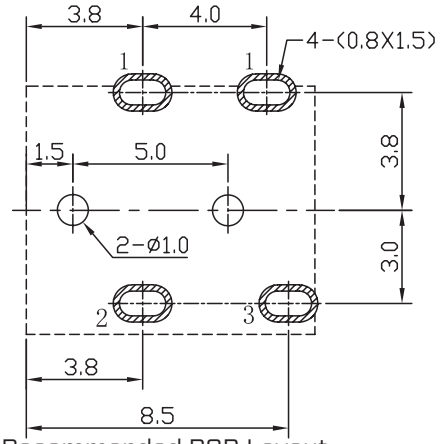


DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	H65 brass	nickel
terminal 1	brass	silver
terminal 2	bronze	silver
terminal 3	brass	silver
housing	PA9T (UL94V-0)	black

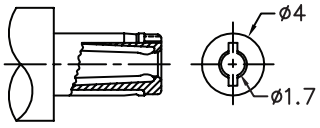








Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 6.1 mm

SCHEMATIC	
Model	PJ-054
Center Pin	Ø1.65 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	06/09/2015
1.02	increased voltage rating	04/14/2016
1.03	brand update	10/28/2019
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	12/19/2022

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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