CUDEVICES

MODEL: PJ-043H | **DESCRIPTION:** DC POWER JACK

FEATURES

- 1.65 mm center pin
- high current 5 A rating
- vertical orientation
- through hole with panel slots



RoHS

SPECIFICATIONS

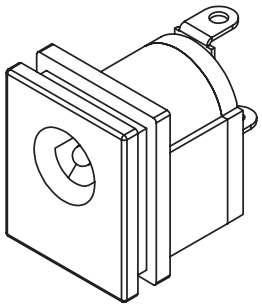
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

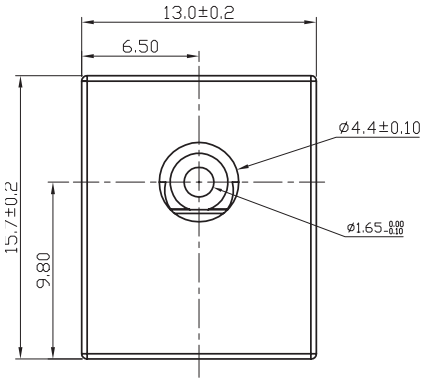
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

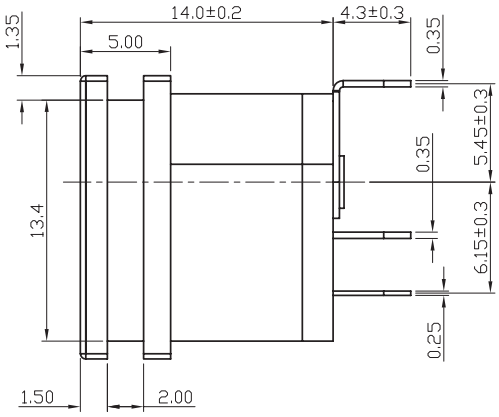
MECHANICAL DRAWING

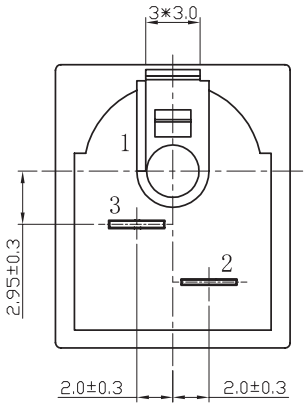
units: mm
tolerance:
X. ±0.50 mm
X.X ±0.30 mm
X.XX ±0.20 mm
X.XXX ±0.10 mm
PCB: ±0.05 mm

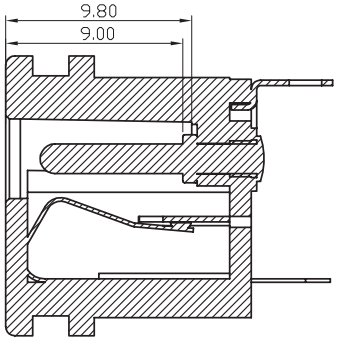


DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass t=0.35	silver
terminal 2	bronze t=0.25	silver
terminal 3	brass t=0.35	silver
cover	PBT (UL94V-0)	black
housing	PBT (UL94V-0)	black

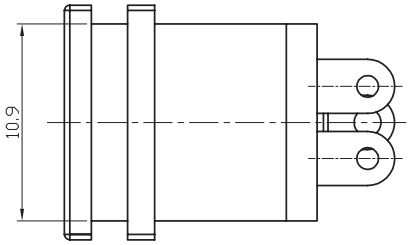


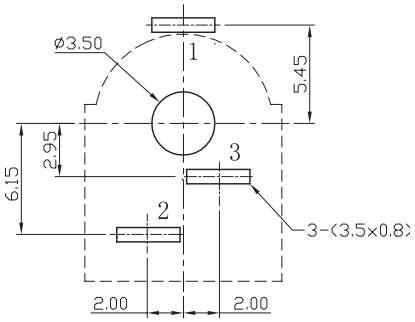




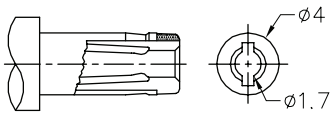


SECTION

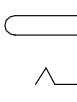




Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-043H
Center Pin	Ø1.65 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	increased voltage rating	04/28/2016
1.02	brand update	10/28/2019
1.03	modified housing mold	04/20/2021
1.04	logo, datasheet style update	08/05/2022
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	03/01/2023

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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