CUI DEVICES

MODEL: PJ-097H | DESCRIPTION: DC POWER JACK

FEATURES
- 8 A rating
- shielded
- panel mount
- 3 conductor
- signal pin



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current	power pin signal pin			8.0 1.0	A A
contact resistance[1]	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute, 0.5 mA between adjacent contacts			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				

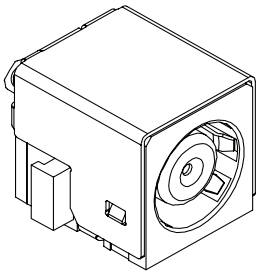
Note: 1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

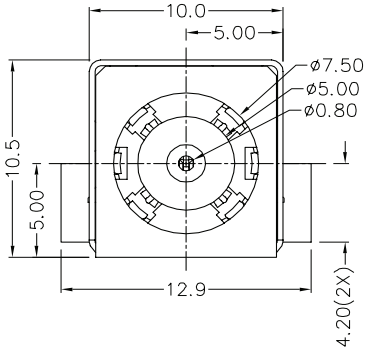
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~4 seconds	340	350	360	°C

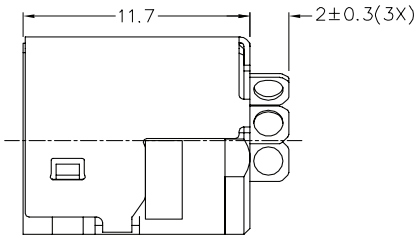
MECHANICAL DRAWING

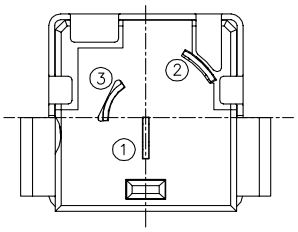
units: mm
tolerance:
X.X ±0.2 mm
X.XX ±0.10 mm
X.XXX ±0.050 mm

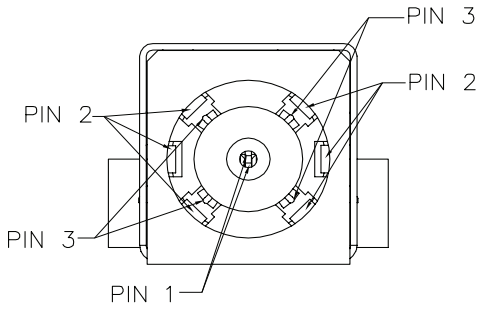


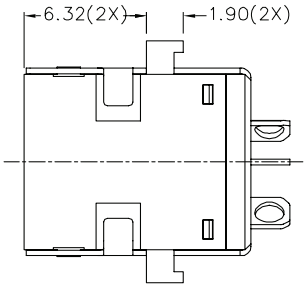
	MATERIAL	PLATING
terminal 1	copper alloy	gold flashed
terminal 2	copper alloy	gold flashed
terminal 3	copper alloy	gold flashed
shield	brass	nickel
insulator	PA10T	

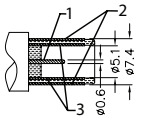












MATING PLUG
Jack Insertion Depth: 9.2 mm

SCHEMATIC	3(V+) 1(S) 2(V−)
Model	PJ-097H
terminal 1	signal pin
terminal 2	outer sleeve
terminal 3	inner sleeve

REVISION HISTORY

rev.	description	date
1.0	initial release	12/17/2018
1.01	brand update	11/06/2019

The revision history provided is for informational purposes only and is believed to be accurate.

CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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