CUI DEVICES

date 02/24/2022

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MODEL: PJ-005A | **DESCRIPTION:** DC POWER JACK

FEATURES

- 2.0 mm center pin
- mounting hardware includes nut and washer
- panel mount





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	А
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-40		70	°C
life			5,000		cycles
flammability rating	plastic: UL94V-0 insulator: UL94HB				
RoHS	VPS				

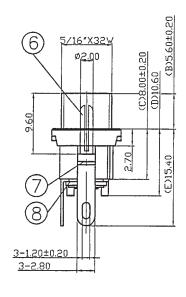
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3±0.5 seconds	340	350	360	°C

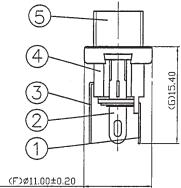
MECHANICAL DRAWING

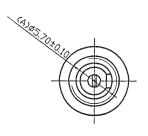
units: mm

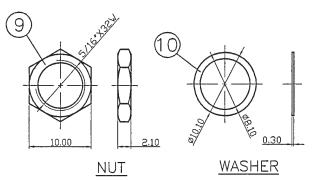
tolerance: ± 0.3 mm

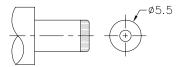












MATING PLUG Jack Insertion Depth: 9.0 mm

SCHEMATIC	$ \begin{array}{c c} & 3 \\ & 2 \end{array} $
Model	PJ-005A
Center Pin	Ø2.0 mm

Additional Resources: Product Page | 3D Model

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REVISION HISTORY

rev.	description	date	
1.0	initial release	01/30/2006	
1.01	applied new spec template	05/06/2011	
1.02	updated voltage and current rating	07/09/2014	
1.03	removed slot from threaded barrel	09/01/2017	
1.04	brand update	10/30/2019	
1.05	updated hand soldering recommendations	02/24/2022	

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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