CUI Devices is now Same Sky! Learn More

MODEL: PJ-005B | DESCRIPTION: DC POWER JACK

FEATURES

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

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	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		-40		70	°C
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

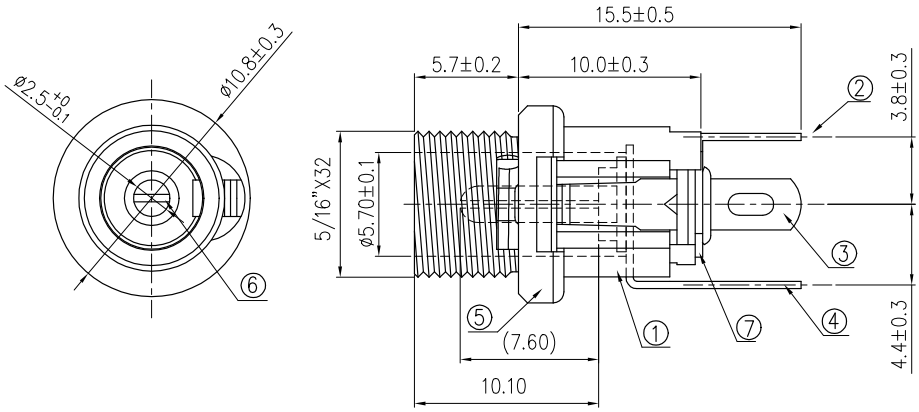
SOLDERABILITY

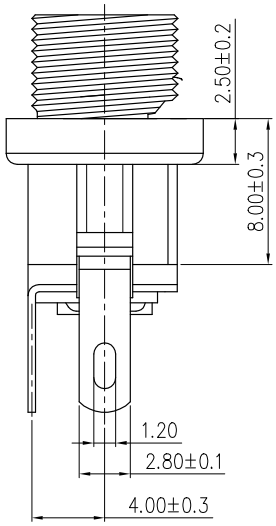
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds	285		305	°C

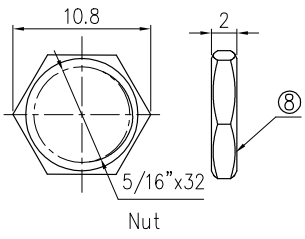
MECHANICAL DRAWING

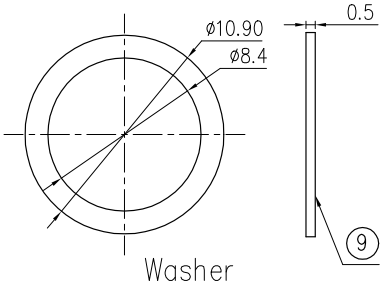
units: mm
olerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
unless otherwise specified

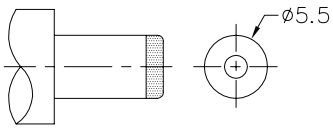
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT (UL94V-0)	black
2	center pin terminal (1)	copper alloy	silver
3	tip spring (2)	copper alloy	silver
4	shunt spring (3)	copper alloy	silver
5	bushing	copper alloy	nickel
6	center pin	copper alloy	nickel
7	washer	bakelite	---
8	nut	copper alloy	nickel
9	washer	Q195	nickel



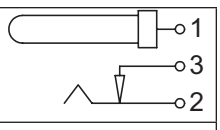








MATING PLUG
Jack Insertion Depth: 10.1 mm

SCHEMATIC	
Model	PJ-005B
Center Pin	Ø2.5 mm

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	brand update	10/31/2019
1.04	updated hand soldering recommendations	02/23/2022
1.05	logo, datasheet style update	08/05/2022
1.06	CUI Devices rebranded to Same Sky	09/12/2024
1.07	factory location change	04/29/2026
1.08	updated drawing	05/27/2026

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

same sky

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

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