CUI Devices is now Same Sky! Learn More

SERIES: PJ-064X | DESCRIPTION: DC POWER JACK

FEATURES

- mounting hardware includes nut and washer
- panel mount
- metal bushing

RoHS

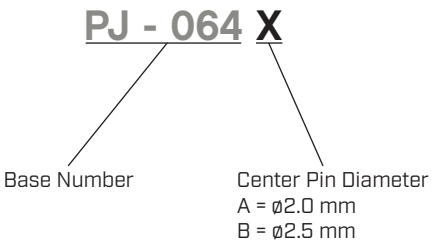
SPECIFICATIONS

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/withdrawl force		0.2		3.0	kgf
operating temperature		-25		70	°C
storage temperature		-25		70	°C
life			5,000		cycles
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds	295	300	305	°C
wave soldering	for 3~5 seconds	245	250	255	°C

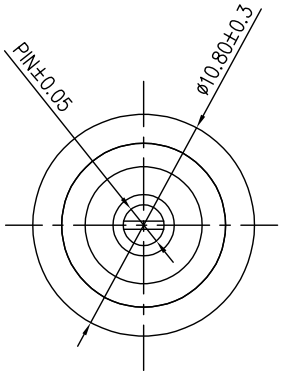
PART NUMBER KEY

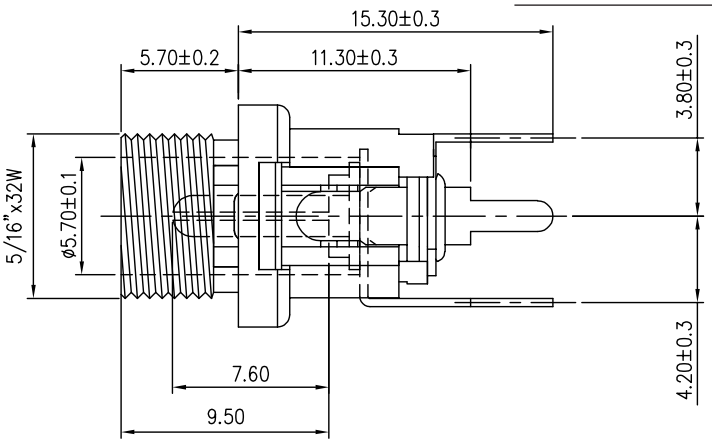


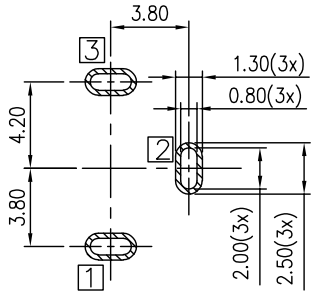
MECHANICAL DRAWING

units: mm
tolerance: ±0.30 mm
PCB: ±0.05 mm
unless otherwise specified

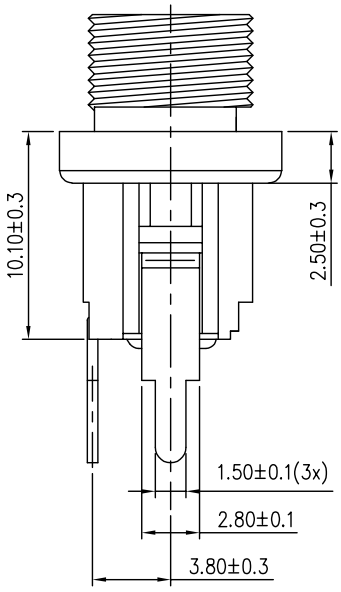
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	CuSn
terminal 1	C2680R t=0.40 mm	silver
terminal 2	C5210R t=0.50 mm	silver
terminal 3	C2680R t=0.40 mm	silver
bushing	brass	nickel
insulator	bakelite	---
housing	PBT (UL94V-0)	black
nut	brass	nickel
washer	SPCC	nickel



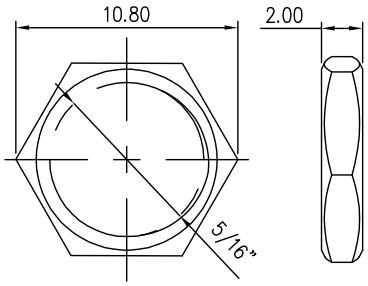




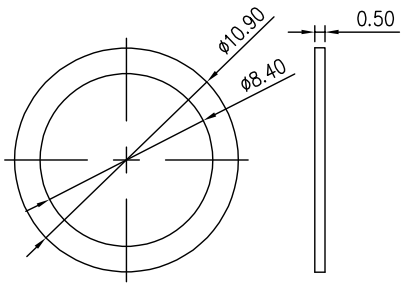
Recommended PCB Layout
Top View

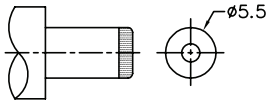


Nut

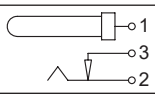


Washer





MATING PLUG
Jack Insertion Depth: 9.5 mm

Schematic	
Model	Center Pin
PJ-064A	ø2.0 mm
PJ-064B	ø2.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	08/03/2010
1.01	new template applied	06/14/2012
1.02	updated voltage and current rating	12/19/2012
1.03	brand update	10/30/2019
1.04	logo, datasheet style update	08/05/2022
1.05	CUI Devices rebranded to Same Sky	09/12/2024
1.06	factory location change	07/01/2026

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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