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MODEL: PJ-011A | DESCRIPTION: DC POWER JACK

FEATURES

- 2.0 mm center pin
- 5.0 A rating
- vertical orientation
- threaded panel mount

RoHS

SPECIFICATIONS

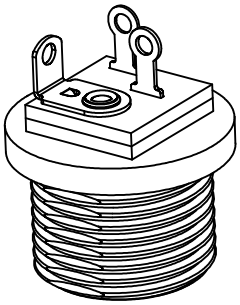
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		75	°C
storage temperature		-25		75	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

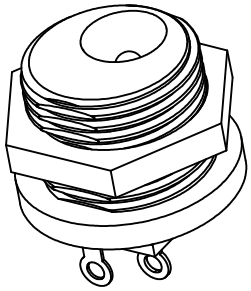
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds		360		°C

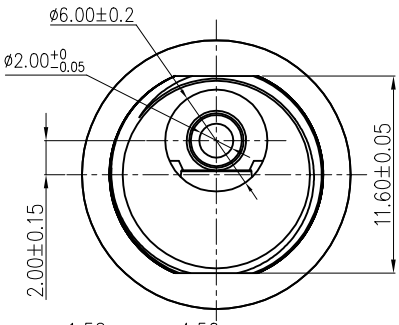
MECHANICAL DRAWING

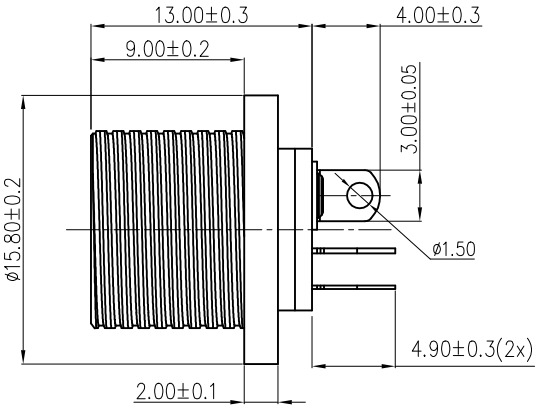
units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
PCB tolerance: ±0.05 mm
unless otherwise specified
PCB thickness: t=1.6 mm

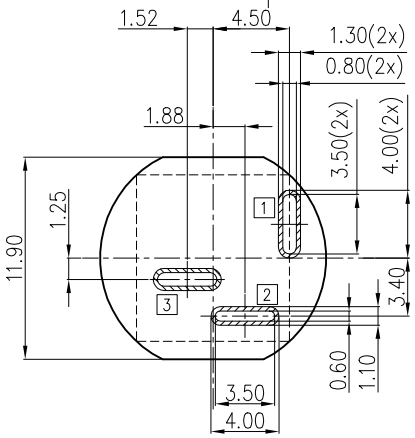




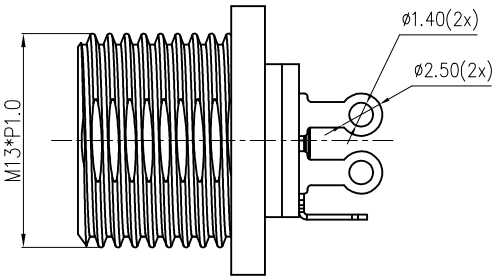
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	30~50 µ" nickel
terminal 1	C2680R-EH t=0.3 mm	8 µ" silver over 30~60 µ" nickel
terminal 2	C5210R-EH t=0.2 mm	8 µ" silver over 30~60 µ" nickel
terminal 3	C2680R-EH t=0.3 mm	8 µ" silver over 30~60 µ" nickel
nut	brass	30~50 µ" nickel
insulator	bakelite	natural
housing	PBT (UL94V-0)	black

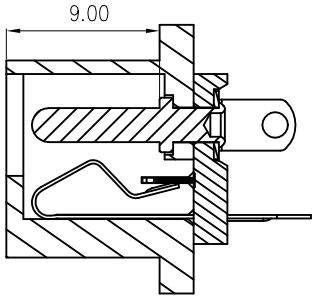


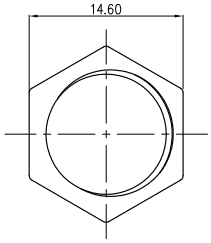


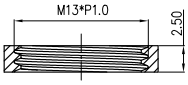


Recommended PCB Layout
Bottom View

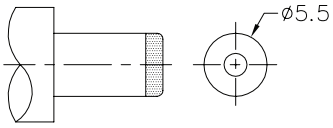




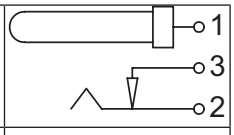




A–A
NUT



MATING PLUG
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-011A
Center Pin	Ø2.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	04/17/2006
1.01	pin positions updated	05/01/2008
1.02	model revised	05/12/2008
1.03	hole cutout dimensions added	06/27/2011
1.04	brand update	06/02/2020
1.05	logo, datasheet style update	08/05/2022
1.06	changed housing material	06/26/2023
1.07	CUI Devices rebranded to Same Sky	09/12/2024
1.08	added dimension to the nut drawing	09/05/2025
1.09	factory location change	08/10/2026

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

same sky

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