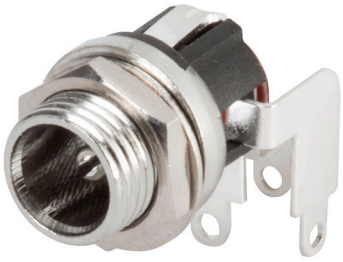
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MODEL: PJ-112BH | DESCRIPTION: DC POWER JACK

FEATURES

- 2.5 mm center pin
- wave solder



RoHS

SPECIFICATIONS

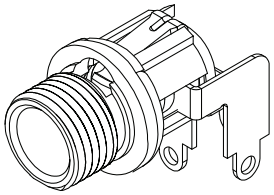
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				5	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-20		70	°C
storage temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

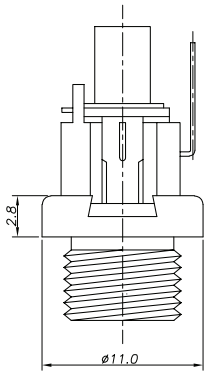
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 4~6 seconds		250		°C

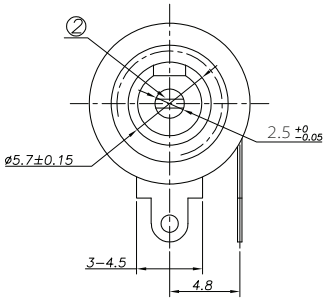
MECHANICAL DRAWING

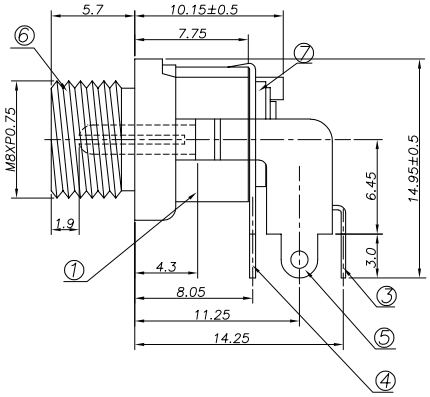
units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
PCB: ±0.05 mm
unless otherwise specified

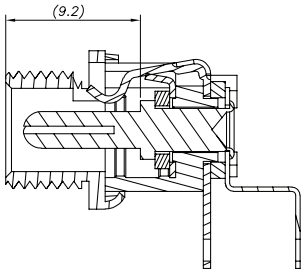


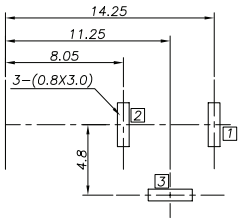
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT (UL94V-0)	black
2	center pin	brass	10 µ" CuSn
3	terminal 1	brass	8 µ" silver
4	terminal 2	phosphor bronze	8 µ" silver
5	terminal 3	phosphor bronze	8 µ" silver
6	bushing	brass	10 µ" CuSn
7	washer 1	bakelite	---
8	nut	brass	40 µ" nickel
9	washer 2	brass	40 µ" nickel





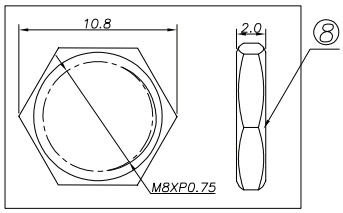




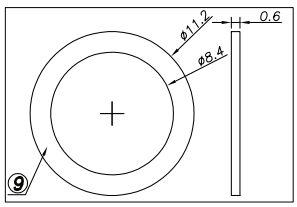


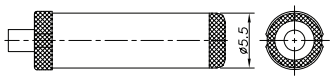
Recommended PCB Layout
Top View

Nut:

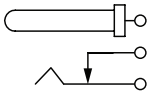


Washer:





MATING PLUG
Jack Insertion Depth: 9.2 mm

Schematic	
Model	PJ-112BH
Center Pin	Ø2.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	09/30/2024

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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