

MODEL: PJ-108BH | DESCRIPTION: DC POWER JACK

FEATURES

- 2.5 mm center pin
- hand solder



SPECIFICATIONS

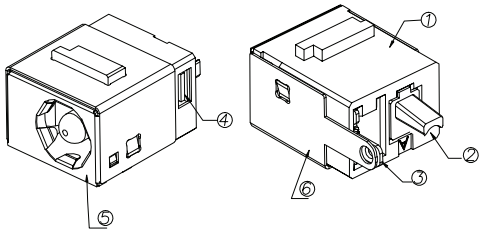
parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				5	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-20		70	°C
storage temperature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

SOLDERABILITY

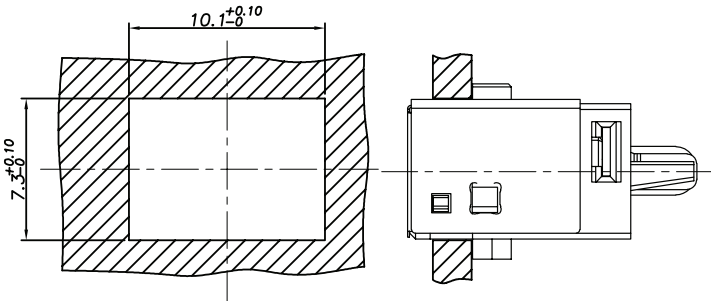
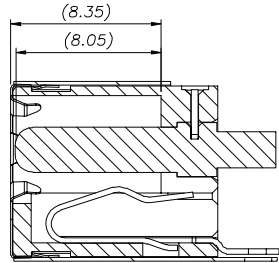
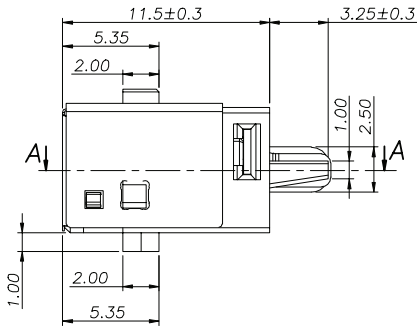
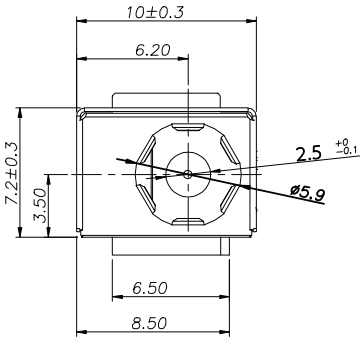
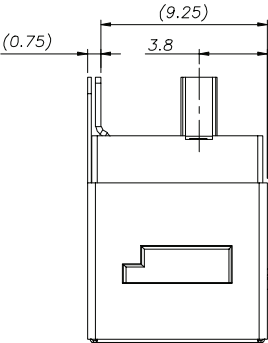
parameter	conditions/description	min	typ	max	units
hand soldering	for 3±1 seconds	375	380	385	°C

MECHANICAL DRAWING

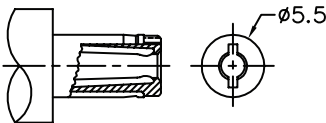
units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
unless otherwise specified



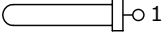
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT [UL94V-0]	black
2	terminal 1	zinc alloy	nickel
3	terminal 2	copper alloy	silver
4	peg	copper alloy	tin
5	shield plate	stainless steel	---
6	ground shield	stainless steel	nickel



Recommended Panel Cutout



MATING PLUG
Jack Insertion Depth: 8.35 mm

Schematic	
Model	PJ-108BH
Center Pin	Ø2.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	09/24/2024

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



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

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