



MODEL: PJ-108BH

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DESCRIPTION: DC POWER JACK

FEATURES

- 2.5 mm center pin
- hand solder



SPECIFICATIONS

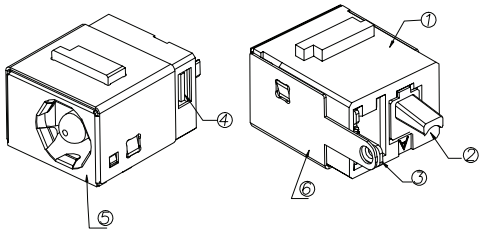
| parameter | conditions/description | min | typ | max | units |
|----------------------------|------------------------|-----|-------|-----|--------|
| rated input voltage | | | 20 | | Vdc |
| rated input current | | | | 5 | A |
| contact resistance | | | | 30 | mΩ |
| insulation resistance | at 500 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

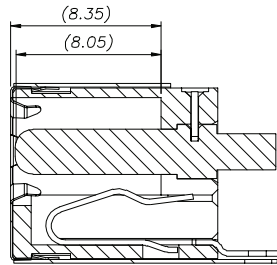
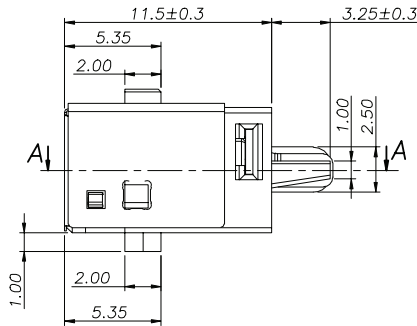
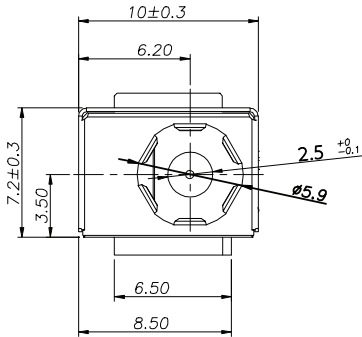
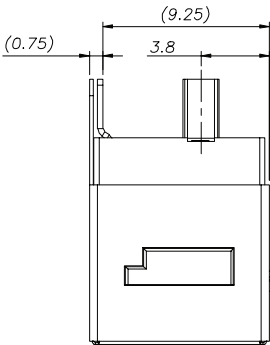
| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3±1 seconds | 375 | 380 | 385 | °C |

MECHANICAL DRAWING

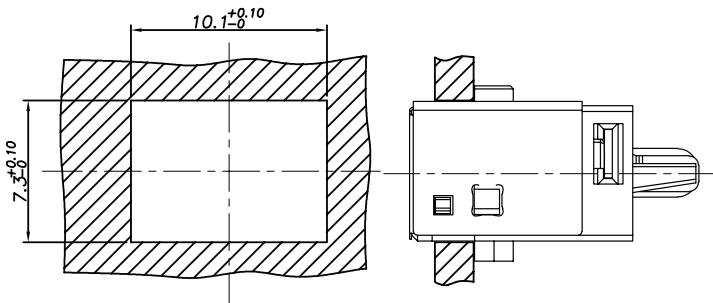
units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
unless otherwise specified



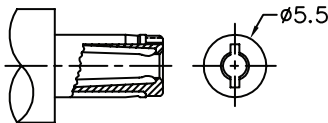
| ITEM | DESCRIPTION | MATERIAL | PLATING/COLOR |
|------|---------------|-----------------|---------------|
| 1 | housing | PBT [UL94V-0] | black |
| 2 | terminal 1 | zinc alloy | nickel |
| 3 | terminal 2 | copper alloy | silver |
| 4 | peg | copper alloy | tin |
| 5 | shield plate | stainless steel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



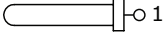
SECTION:A-A



Recommended Panel Cutout



MATING PLUG
Jack Insertion Depth: 8.35 mm

| | |
|------------|---|
| Schematic |  1 |
| 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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