

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

FEATURES

- 2.0 mm center pin
- hand solder



SPECIFICATIONS

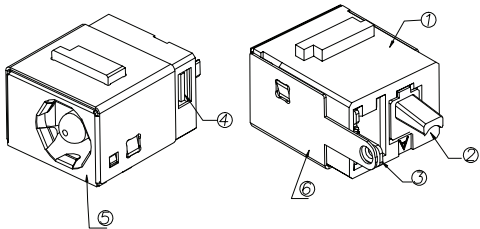
| parameter                  | conditions/description | min | typ   | max | units  |
|----------------------------|------------------------|-----|-------|-----|--------|
| rated input voltage        |                        |     | 20    |     | Vdc    |
| rated input current        |                        |     |       | 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

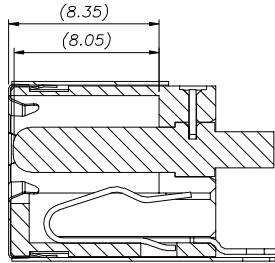
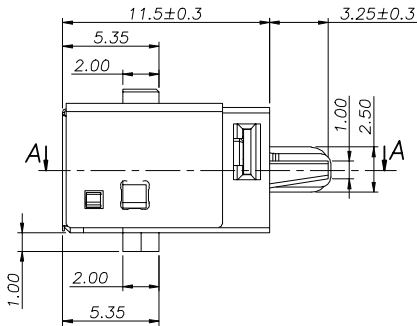
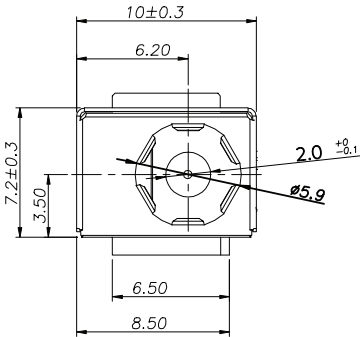
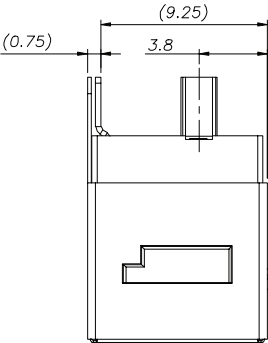
| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3±1 seconds        | 375 | 380 | 385 | °C    |

MECHANICAL DRAWING

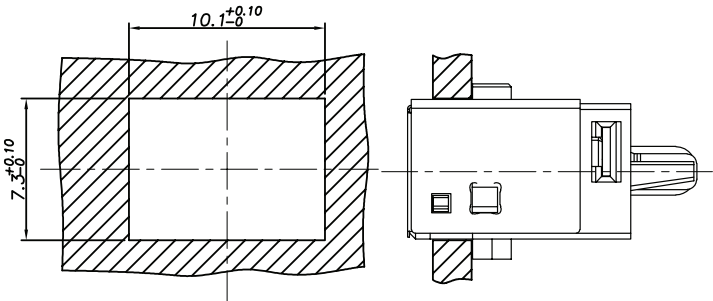
units: mm  
tolerance:  
X.X ±0.50 mm  
X.XX ±0.30 mm  
X.XXX ±0.15 mm  
unless otherwise specified



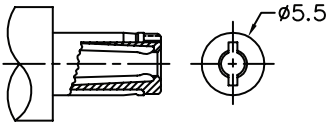
| ITEM | DESCRIPTION   | MATERIAL        | PLATING/COLOR |
|------|---------------|-----------------|---------------|
| 1    | housing       | PBT [UL94V-0]   | black         |
| 2    | terminal 1    | zinc alloy      | nickel        |
| 3    | terminal 2    | copper alloy    | silver        |
| 4  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



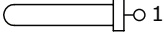
SECTION:A-A



Recommended Panel Cutout



MATING PLUG  
Jack Insertion Depth: 8.35 mm

|            |   |
|------------|---|
| Schematic  |  1 |
| Model      | PJ-108AH  |
| Center Pin | Ø2.0 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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