

MODEL: PJ-004CH | **DESCRIPTION:** DC POWER JACK

FEATURES

- 1 mm center pin
- 3.5 A rating
- shielded
- panel mount


SPECIFICATIONS

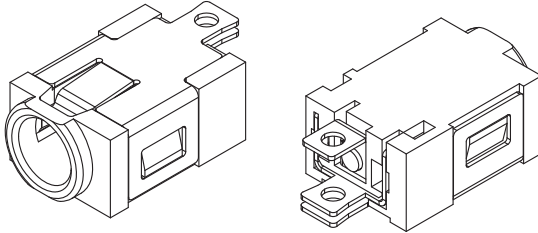
| parameter | conditions/description | min | typ | max | units |
|----------------------------|--|-----|-------|-----|--------|
| rated input voltage | | | 24 | | Vdc |
| rated input current | | | | 3.5 | A |
| contact resistance | | | | 30 | mΩ |
| insulation resistance | at 500 Vdc between adjacent contacts | 100 | | | MΩ |
| voltage withstand | for 1 minute, 0.5 mA between adjacent contacts | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 3 | kg |
| terminal strength | any direction for 10 seconds | | | 500 | g |
| operating temperature | | -25 | | 85 | °C |
| life | at a rate of 24 cycles/minute | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

SOLDERABILITY

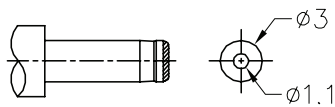
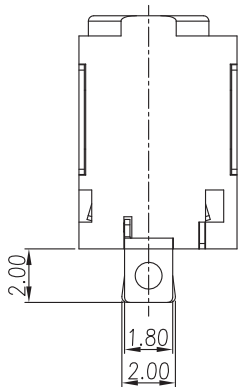
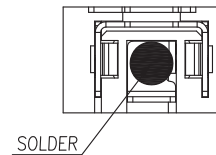
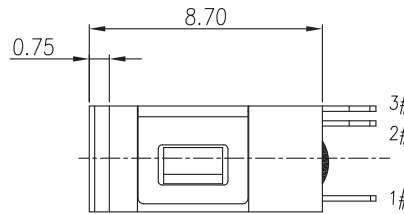
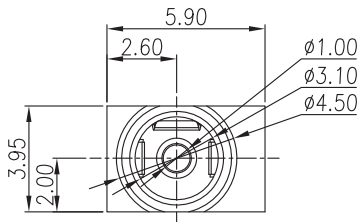
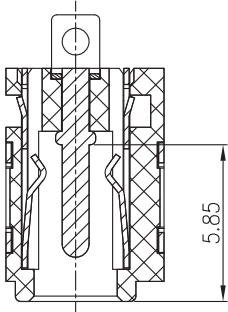
| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3~4 seconds | 340 | 350 | 360 | °C |

MECHANICAL DRAWING

units: mm
 tolerance:
 X, ±0.50 mm
 X.X ±0.30 mm
 X.XX ±0.20 mm
 unless otherwise specified



| DESCRIPTION | MATERIAL | PLATING/COLOR |
|-------------|-----------------|---------------|
| center pin | brass | nickel |
| terminal 1 | brass | silver |
| terminal 2 | copper alloy | silver |
| terminal 3 | copper alloy | silver |
| housing | PA10T (UL94V-0) | black |



MATING PLUG
 Jack Insertion Depth: 5.85 mm

| SCHEMATIC | |
|------------|----------|
| Model | PJ-004CH |
| Center Pin | ∅1 mm |

REVISION HISTORY

| rev. | description | date |
|------|---|------------|
| 1.0 | initial release | 12/13/2018 |
| 1.01 | brand update | 10/22/2019 |
| 1.02 | logo, datasheet style update | 08/05/2022 |
| 1.03 | product reengineered for improved manufacturability and production yield, see PCN for details | 10/02/2023 |

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



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

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