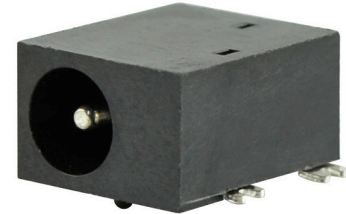


MODEL: PJ-014CH-SMT-TR | **DESCRIPTION:** DC POWER JACK

FEATURES

- low profile
- 3.5 A current rating

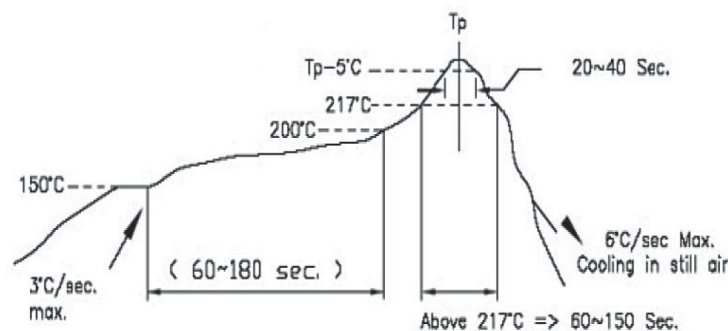

SPECIFICATIONS

| 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 | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 2 | kg |
| operating temperature | | -25 | | 85 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|--------------------------------|--|-----|-----|-----|-------|
| reel storage | 10~30°C, <70% humidity | | | | °C |
| reflow soldering ¹ | see reflow profile | 255 | 260 | | °C |
| drying conditions ² | parts in reel: bake at 110°C for 4 hours parts removed from reel: bake at 110°C for 4 hours | | | | |

Note: 1. CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
2. When exceeding floor life by >240 hours.



* Time 25°C to Peak Temp. ---- 8 Minutes Max.

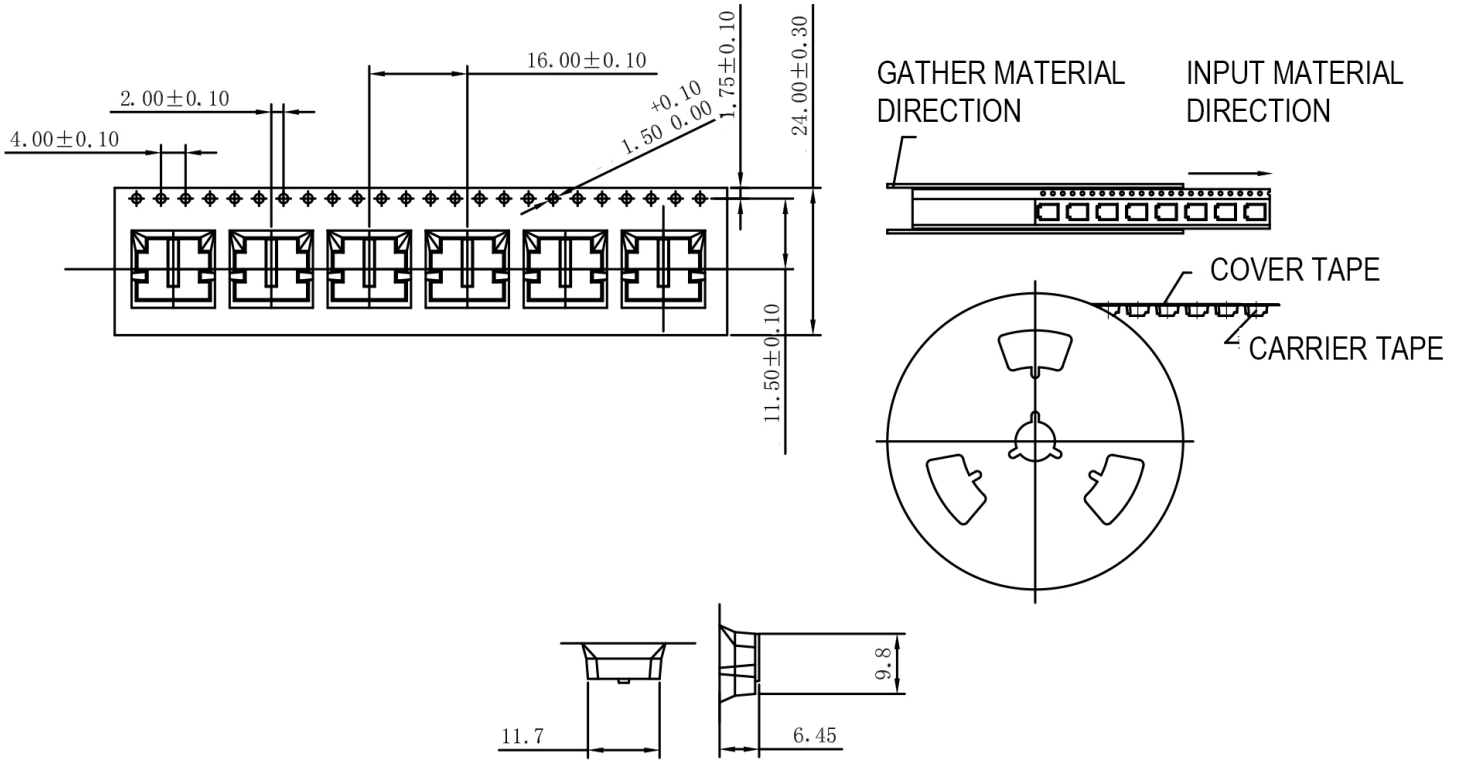
* Time within 5°C of Actual Peak Temp. -- 20~40 Seconds

PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm

Reel QTY: 700 pcs per reel



REVISION HISTORY

| rev. | description | date |
|------|---|------------|
| 1.0 | initial release | 10/13/2005 |
| 1.01 | added TR package option | 11/07/2012 |
| 1.02 | updated template | 11/19/2012 |
| 1.03 | increased voltage rating | 04/28/2016 |
| 1.04 | added storage and drying conditions, and tape and reel packaging details | 08/30/2017 |
| 1.05 | brand update | 10/23/2019 |
| 1.06 | logo, datasheet style update | 08/05/2022 |
| 1.07 | product reengineered for improved manufacturability and production yield, see PCN for details | 12/19/2022 |

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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