



MODEL:

PP-016

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DESCRIPTION:

DC POWER PLUG

FEATURES

- cable mount
- 6 A current rating
- hexagonal cover



SPECIFICATIONS

| parameter             | conditions/description           | min | typ   | max | units  |
|-----------------------|----------------------------------|-----|-------|-----|--------|
| rated input voltage   |                                  |     | 24    |     | Vdc    |
| rated input current   |                                  |     |       | 6   | A      |
| contact resistance    | between plug and jack            |     |       | 30  | mΩ     |
| insulation resistance | at 500 Vdc                       | 100 |       |     | MΩ     |
| voltage withstand     | for 1 minute                     |     |       | 500 | Vac    |
| insertion force       | when mating with a standard jack | 0.3 |       | 3.0 | kgf    |
| withdrawal force      | when mating with a standard jack | 0.3 |       | 3.0 | kgf    |
| operating temperature |                                  | -25 |       | 70  | °C     |
| operating humidity    |                                  |     |       | 85  | %      |
| life                  |                                  |     | 5,000 |     | cycles |
| flammability rating   | see material table               |     |       |     |        |
| RoHS                  | yes                              |     |       |     |        |

SOLDERABILITY

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 1 second   | 380 | 400 | 420 | °C    |



REVISION HISTORY

| rev. | description                                | date       |
|------|--|------------|
| 1.0  | initial release                            | 05/04/2006 |
| 1.01 | brand update                               | 06/09/2020 |
| 1.02 | logo, datasheet style update               | 08/05/2022 |
| 1.03 | changed insulator material from POM to PBT | 11/09/2023 |
| 1.04 | CUI Devices rebranded to Same Sky          | 09/12/2024 |

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



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