# CUI DEVICES

## MODEL: PJ-011A | DESCRIPTION: DC POWER JACK

#### **FEATURES**

- 2.0 mm center pin
- 5.0 A rating
- vertical orientation
- threaded panel mount



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### **SPECIFICATIONS**

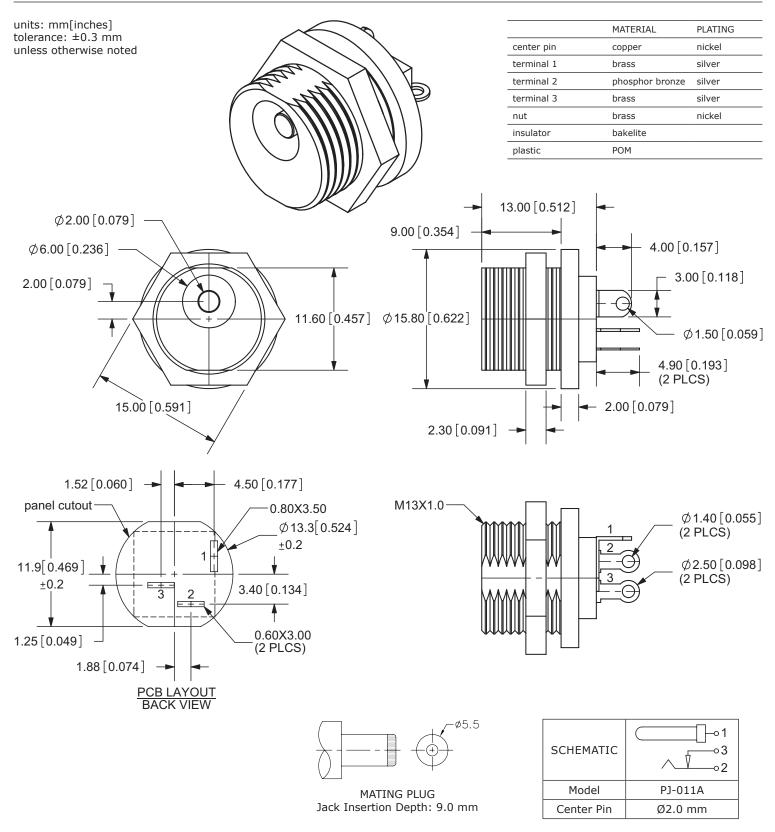
| parameter                       | conditions/description          | min          | typ | max | units |
|---------------------------------|---------------------------------|--------------|-----|-----|-------|
| rated input voltage             |                                 |              | 24  |     | Vdc   |
| rated input current             |                                 |              |     | 5.0 | А     |
| contact resistance <sup>1</sup> |                                 |              |     | 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           |                                 | -25          |     | 70  | °C    |
| life                            |                                 | 5,000 cycles |     |     |       |
| flammability rating             | UL94HB                          |              |     |     |       |
| RoHS                            | yes                             |              |     |     |       |
| Note: 1. When measured at a cu  | rrent of less than 100 mA/1 kHz |              |     |     |       |

#### **SOLDERABILITY**

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| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3~5 seconds        |     |     | 360 | °C    |

#### **MECHANICAL DRAWING**



Note: 1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

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#### **REVISION HISTORY**

| rev. | description                  | date       |  |
|------|------------------------------|------------|--|
| 1.0  | initial release              | 04/17/2006 |  |
| 1.01 | pin positions updated        | 05/01/2008 |  |
| 1.02 | model revised                | 05/12/2008 |  |
| 1.03 | hole cutout dimensions added | 06/27/2011 |  |
| 1.04 | brand update                 | 06/02/2020 |  |

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

# **CUI** DEVICES

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