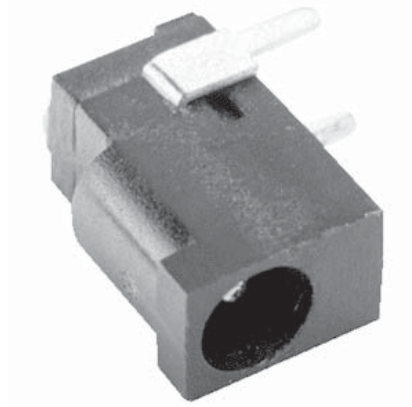


MODEL: PJ-007 | **DESCRIPTION:** DC POWER JACK**FEATURES**

- PCB mount
- tapered PC pins
- non-shielded

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|---------------------------------|--|-----|-------|----------|----------|
| rated input voltage | | | 16 | | Vdc |
| rated input current | | | | 2 | A |
| contact resistance ¹ | between terminal and mating plug between terminal in a closed circuit | | | 50 30 | mΩ mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | at 50/60Hz for 1 minute, at 0.5 mA | | | 500 | Vac |
| insertion/withdrawl force | | 0.3 | | 3 | kg |
| terminal strength | any direction for 10 seconds | | | 500 | g |
| operating temperature | | -20 | | 60 | °C |
| storage temperature | | -25 | | 70 | °C |
| life | | | 5,000 | | cycles |

Notes: 1. When measured at a current of less than 100 mA / 1 kHz

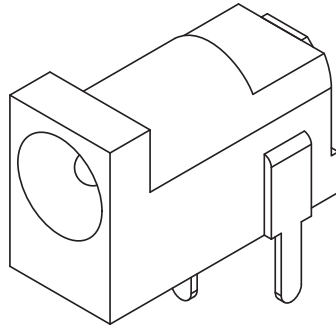
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|---|-----|-----|-----|-------|
| wave soldering | dipped in solder pot for 5 ± 1 seconds at | 255 | 260 | 265 | °C |

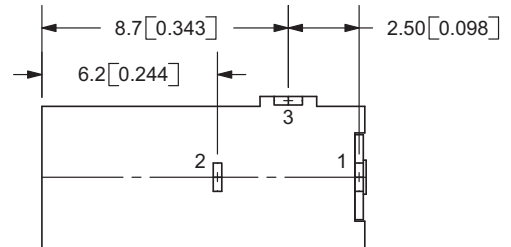
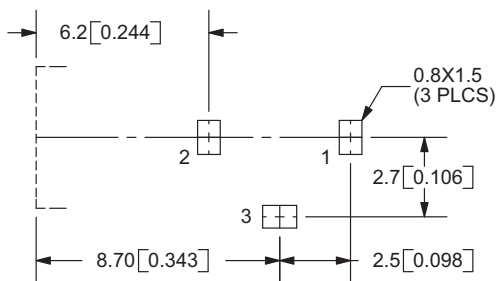
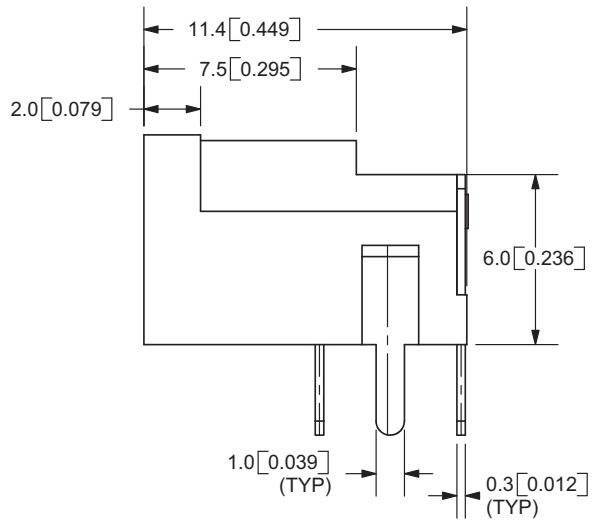
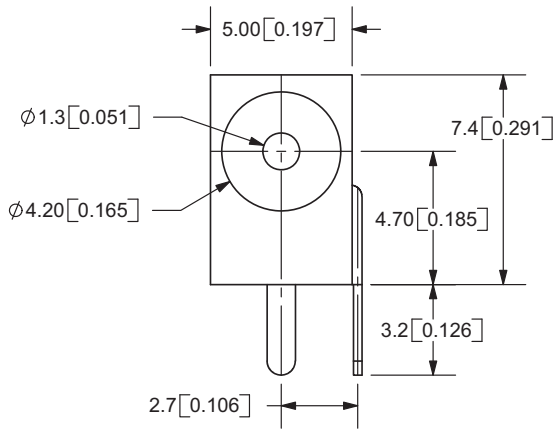
MECHANICAL DRAWING

units: mm[inches]

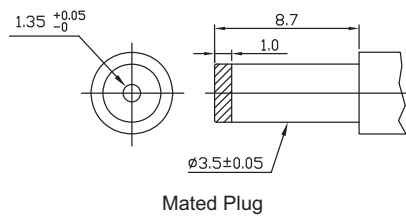
TOLERANCE:
 X.X ±0.5mm
 X.XX ±0.3mm
 X.XXX ±0.15mm



| | MATERIAL | PLATING |
|------------|----------|---------|
| center pin | brass | nickel |
| terminal 1 | brass | silver |
| terminal 2 | PBS | silver |
| terminal 3 | brass | silver |
| plastic | PBT | |



PCB LAYOUT
TOP VIEW



| | |
|-----------|--------|
| MODEL NO. | PJ-007 |
| SCHEMATIC | |

REVISION HISTORY

| rev. | description | date |
|------|----------------------|------------|
| 1.0 | initial release | 04/17/2006 |
| 1.01 | applied new template | 02/13/2012 |

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



Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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

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