

04/08/2016

page 1 of 3

MODEL: PJ-036CH | **DESCRIPTION:** DC POWER JACK

FEATURES

- 1.0 mm center pin
- 3.5 A rating
- low profile
- right angle orientation
- through hole mount





SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---------------------------------|--|-----|-------|----------|--------|
| rated input voltage | | | 24 | | Vdc |
| rated input current | | | | 3.5 | А |
| contact resistance ¹ | between terminal and mating plug between terminal in a closed circuit | | | 50 30 | mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | at 50/60Hz for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 3 | kg |
| terminal strength | any direction for 10 seconds | | | 500 | g |
| operating temperature | | -25 | | 85 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | 2011/65/EU | | | | |

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

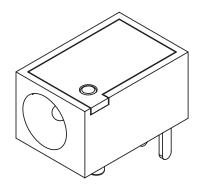
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|--|-----|-----|-----|-------|
| wave soldering | dipped in solder pot for 5 ± 0.5 seconds | 255 | 260 | 265 | °C |

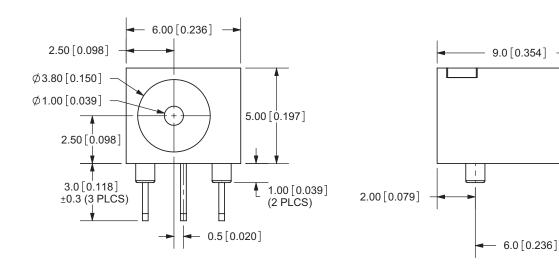
0.75 [0.030] (3 PLCS)

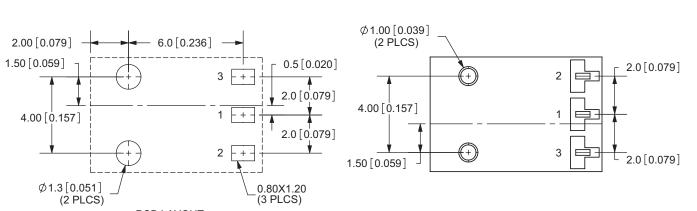
MECHANICAL DRAWING

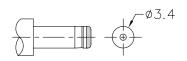
units: mm[inches] tolerance: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$



| | MATERIAL | PLATING |
|------------|--------------|---------|
| center pin | brass | silver |
| terminal 1 | brass | silver |
| terminal 2 | copper alloy | silver |
| terminal 3 | brass | silver |
| plastic | PA66 | |
| | | |







MATING PLUG Jack Insertion Depth: 6.6 mm

| SCHEMATIC | 01 03 02 |
|------------|----------------|
| Model | РЈ-036СН |
| Center Pin | Ø1.0 mm |

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

REVISION HISTORY

| rev. | description | date |
|------|---------------------------|------------|
| 1.0 | initial release | 07/30/2007 |
| 1.01 | applied new spec template | 07/13/2015 |
| 1.02 | increased voltage rating | 04/08/2016 |

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.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.