## MODEL: PJ-202B | DESCRIPTION: DC POWER JACK

## FEATURES

- 2.5 mm center pin
- 2.5 A rating
- right-angle orientation
- through hole
- kinked pins

ROHS

## SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
| :---: | :---: | :---: | :---: | :---: | :---: |
| rated input voltage |  |  | 24 |  | Vdc |
| rated input current |  |  |  | 2.5 | A |
| contact resistance ${ }^{1}$ | between terminal and mating plug between terminal in a closed circuit |  |  | $\begin{aligned} & 50 \\ & 30 \end{aligned}$ | $\begin{aligned} & \mathrm{m} \Omega \\ & \mathrm{~m} \Omega \end{aligned}$ |
| insulation resistance | at 500 Vdc | 100 |  |  | $\mathrm{M} \Omega$ |
| voltage withstand | at $50 / 60 \mathrm{~Hz}$ 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 | ${ }^{\circ} \mathrm{C}$ |
| life |  |  | 5,000 |  | cycles |
| flammability rating | UL94V-0 |  |  |  |  |
| RoHS | 2011/65/EU |  |  |  |  |

Note: 1. When measured at a current of less than $100 \mathrm{~mA} / 1 \mathrm{kHz}$

## SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
| :--- | :--- | :---: | :---: | :---: | :---: |
| wave soldering | dipped in solder pot for $5 \pm 0.5$ seconds | 255 | 260 | 265 | ${ }^{\circ} \mathrm{C}$ |

## MECHANICAL DRAWING




MATING PLUG
Jack Insertion Depth: 9.0 mm

| SCHEMATIC |  |
| :---: | :---: |
| Model | PJ-202B |
| Center Pin | $\emptyset 2.5$ mm |

## REVISION HISTORY

| rev. | description | date |
| :---: | :---: | :---: |
| 1.0 | initial release | $11 / 17 / 2005$ |
| 1.01 | applied new spec template | $10 / 25 / 2013$ |
| 1.02 | increased voltage rating | $04 / 21 / 2016$ |

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. assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use

