CUI DEVICES



## SERIES: PJ-067X | DESCRIPTION: DC POWER JACK

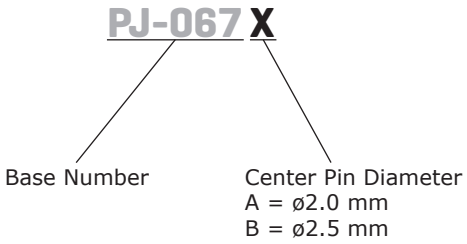
### FEATURES

- mounting hardware includes nut and washer
- panel mount
- metal bushing



RoHS

## PART NUMBER KEY




## SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| rated input voltage | | | 24 | | Vdc |
| rated input current | | | | 5 | A |
| contact resistance | | | | 30 | mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawl force | | 0.2 | | 3.0 | kgf |
| operating temperature | | -25 | | 70 | °C |
| life | | | 5,000 | | cycles |

## SOLDERABILITY

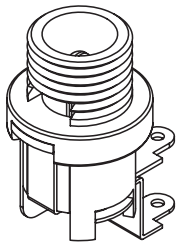
| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| hand soldering | for 3~5 seconds at | 295 | 300 | 305 | °C |
| wave soldering | for 3~5 seconds at | 245 | 250 | 255 | °C |

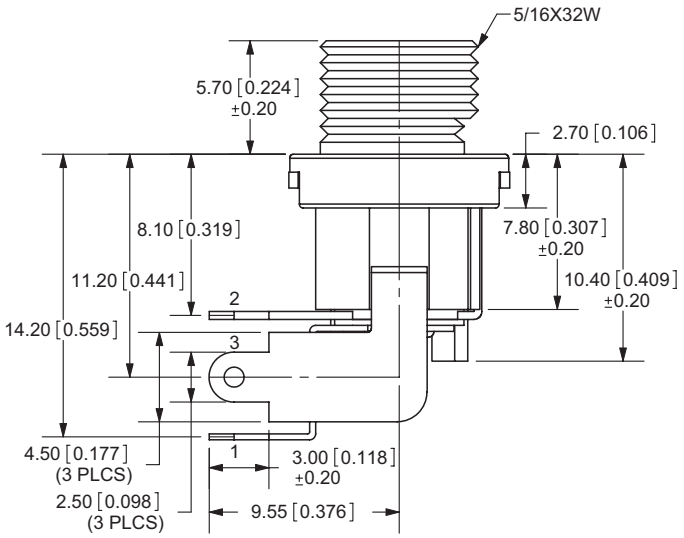
## MECHANICAL DRAWING

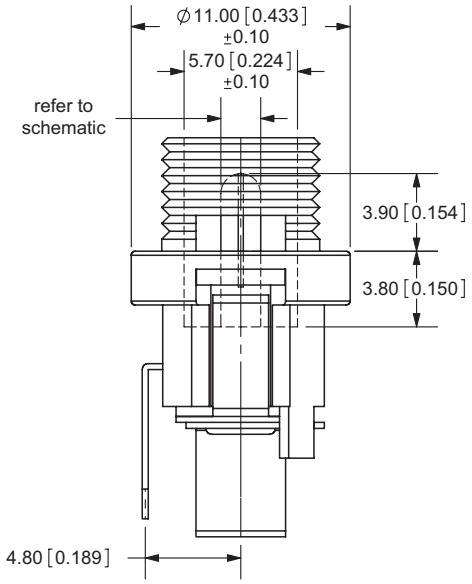
units: mm[inches]

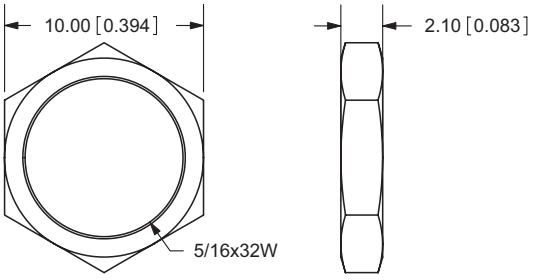
TOLERANCE:
±0.3mm (unless otherwise specified)

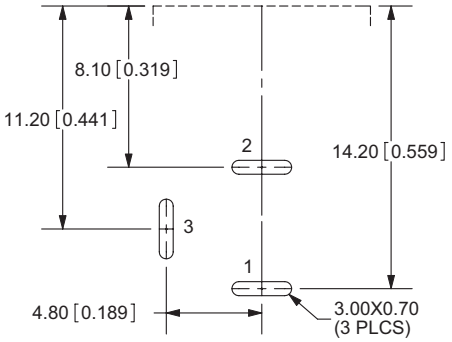
| | MATERIAL | PLATING |
|---|---|---|
| center pin | brass | nickel |
| terminal 1 | brass | silver |
| terminal 2 | phosphor bronze | silver |
| terminal 3 | brass | silver |
| bushing | brass | nickel |
| insulator | red vulcanite fiber | |
| plastic | PBT | |
| nut | brass | nickel |
| washer | steel | nickel |



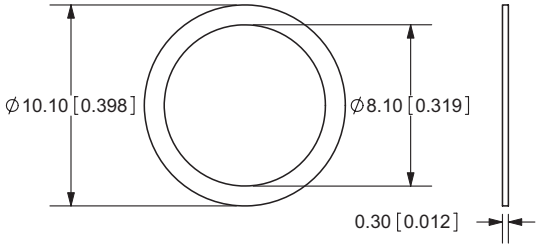


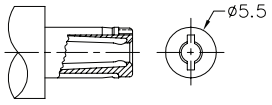



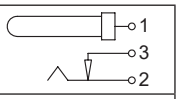




PCB LAYOUT
TOP VIEW




MATING PLUG
Jack Insertion Depth: 8.4mm

| Schematic |  |
|---|---|
| Model | Center Pin |
| PJ-067A | ø2.0 mm |
| PJ-067B | ø2.5 mm |

## REVISION HISTORY

| rev. | description | date |
|---|---|---|
| 1.0 | initial release | 08/03/2010 |
| 1.01 | new template applied | 06/14/2012 |
| 1.02 | updated voltage and current rating | 12/19/2012 |
| 1.03 | brand update | 10/30/2019 |

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

CUI DEVICES

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