

**SERIES:** PJ-064X | **DESCRIPTION:** DC POWER JACK**FEATURES**

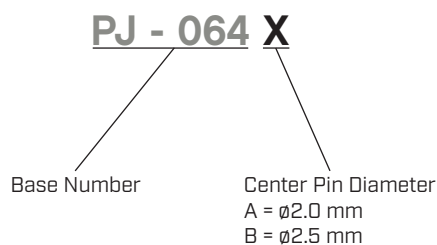
- mounting hardware includes nut and washer
- panel mount
- metal bushing

**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     |
| storage temperature       |                        | -25 |       | 70  | °C     |
| life                      |                        |     | 5,000 |     | cycles |
| RoHS                      | yes                    |     |       |     |        |

**SOLDERABILITY**

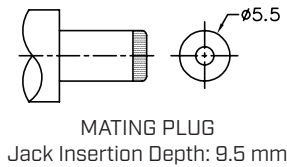
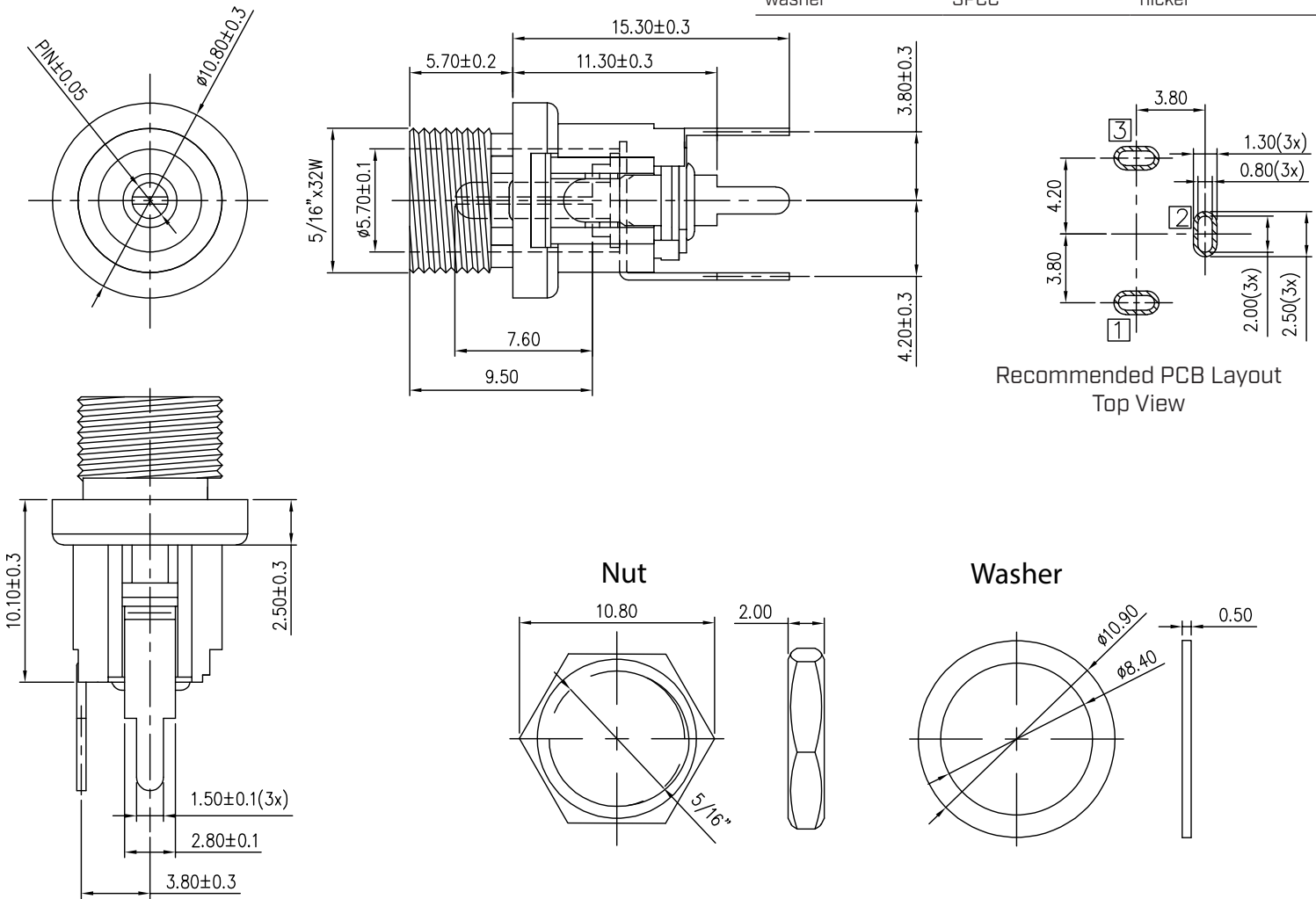
| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3~5 seconds        | 295 | 300 | 305 | °C    |
| wave soldering | for 3~5 seconds        | 245 | 250 | 255 | °C    |

**PART NUMBER KEY**

MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.30$  mm  
PCB:  $\pm 0.05$  mm  
unless otherwise specified

| DESCRIPTION | MATERIAL         | PLATING/COLOR |
|-------------|------------------|---------------|
| center pin  | brass            | CuSn          |
| terminal 1  | C2680R t=0.40 mm | silver        |
| terminal 2  | C5210R t=0.50 mm | silver        |
| terminal 3  | C2680R t=0.40 mm | silver        |
| bushing     | brass            | nickel        |
| insulator   | bakelite         | ---           |
| housing     | PBT [UL94V-0]    | black         |
| nut         | brass            | nickel        |
| washer      | SPCC             | nickel        |



|           |               |
|-----------|---------------|
| Schematic |               |
| Model     | Center Pin    |
| PJ-064A   | $\phi 2.0$ mm |
| PJ-064B   | $\phi 2.5$ 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 |
| 1.04 | logo, datasheet style update       | 08/05/2022 |
| 1.05 | CUI Devices rebranded to Same Sky  | 09/12/2024 |
| 1.06 | factory location change            | 07/01/2026 |

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



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

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