

**MODEL:** PD-40V | **DESCRIPTION:** POWER DIN JACK**FEATURES**

- PCB mount
- vertical
- non-shielded

**SPECIFICATIONS**

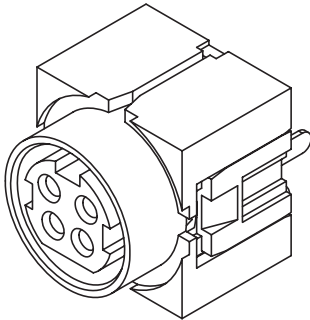
| parameter             | conditions/description | min | typ   | max | units  |
|-----------------------|------------------------|-----|-------|-----|--------|
| rated input voltage   |                        |     | 20    |     | Vdc    |
| rated input current   | all pins               |     |       | 7.5 | A      |
| contact resistance    |                        |     |       | 30  | mΩ     |
| insulation resistance | at 500 Vdc             | 100 |       |     | MΩ     |
| voltage withstand     | for 1 minute           |     |       | 500 | Vac    |
| insertion force       |                        |     |       | 4.5 | kgf    |
| withdrawal force      |                        | 0.9 |       | 3.0 | kgf    |
| operating temperature |                        | -25 |       | 70  | °C     |
| storage temperature   |                        | -25 |       | 70  | °C     |
| life                  |                        |     | 5,000 |     | cycles |
| flammability rating   | UL94V-0                |     |       |     |        |
| RoHS                  | yes                    |     |       |     |        |

**SOLDERABILITY**

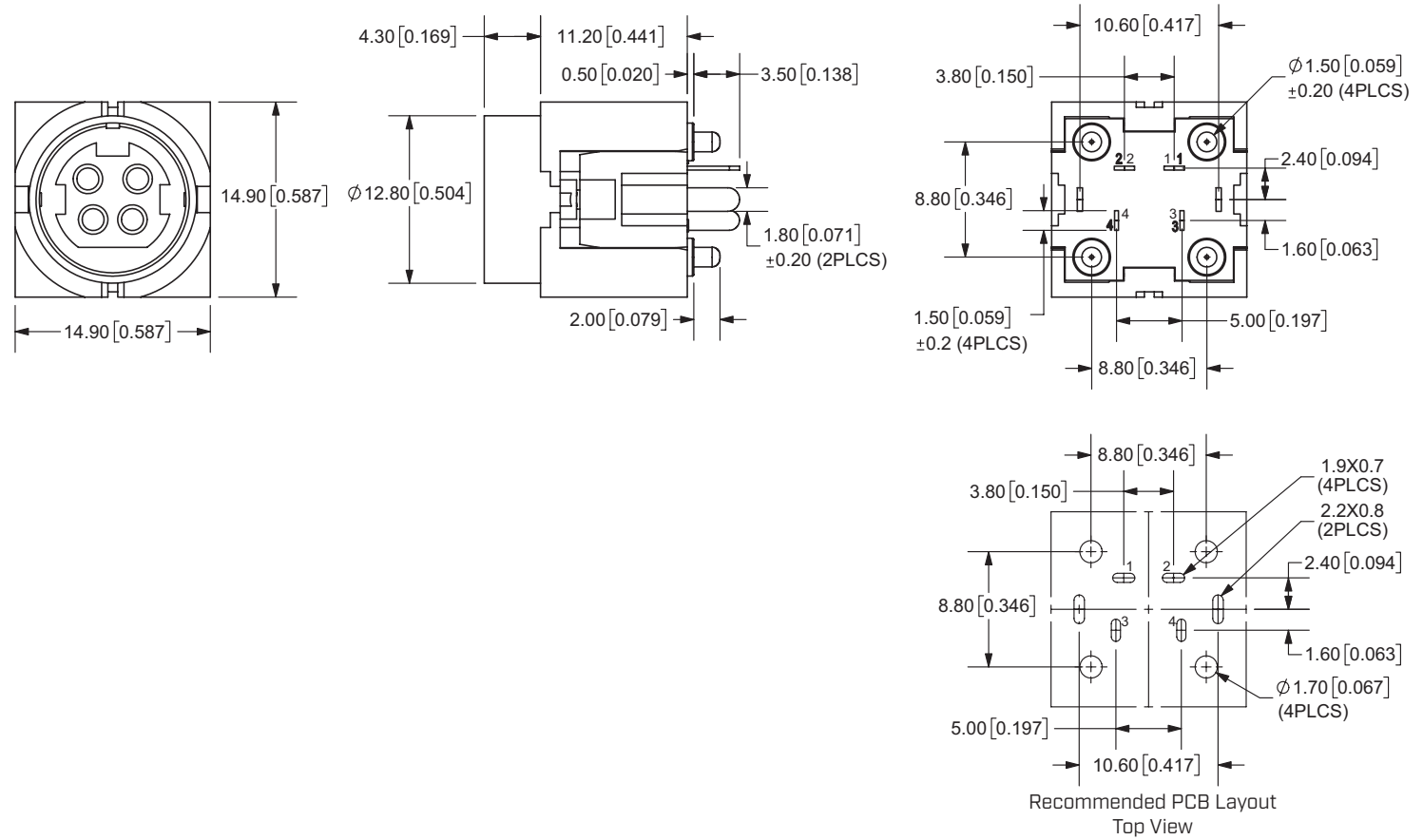
| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3~5 seconds        | 350 | 360 | 370 | °C    |

MECHANICAL DRAWING

units: mm[inch]  
tolerance: ±0.3 mm



|                  | MATERIAL            | PLATING |
|------------------|---------------------|---------|
| housing          | PBT                 |         |
| cover            | PBT                 | black   |
| contact terminal | 0.3T phospor bronze | silver  |
| inner shield     | 0.4T bronze         | nickel  |



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 08/02/2011 |
| 1.01 | brand update                      | 03/31/2020 |
| 1.02 | logo, datasheet style update      | 08/05/2022 |
| 1.03 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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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