

MODEL: PP-2555TL-M | DESCRIPTION: DC POWER PLUG

FEATURES

- 7 A current rating
- 2.5 x 5.5 mm
- round cover
- twist lock tabs



SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|----------------------------------|-----|-------|-----|--------|
| rated input voltage | | | 24 | | Vdc |
| rated input current | | | | 7 | A |
| contact resistance | between plug and jack | | | 30 | mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion force | when mating with a standard jack | 0.3 | | 3.0 | kgf |
| withdrawal force | when mating with a standard jack | 0.3 | | 3.0 | kgf |
| operating temperature | | -25 | | 70 | °C |
| operating humidity | | | | 85 | % |
| life | | | 5,000 | | cycles |
| flammability rating | see material table | | | | |
| RoHS | yes | | | | |

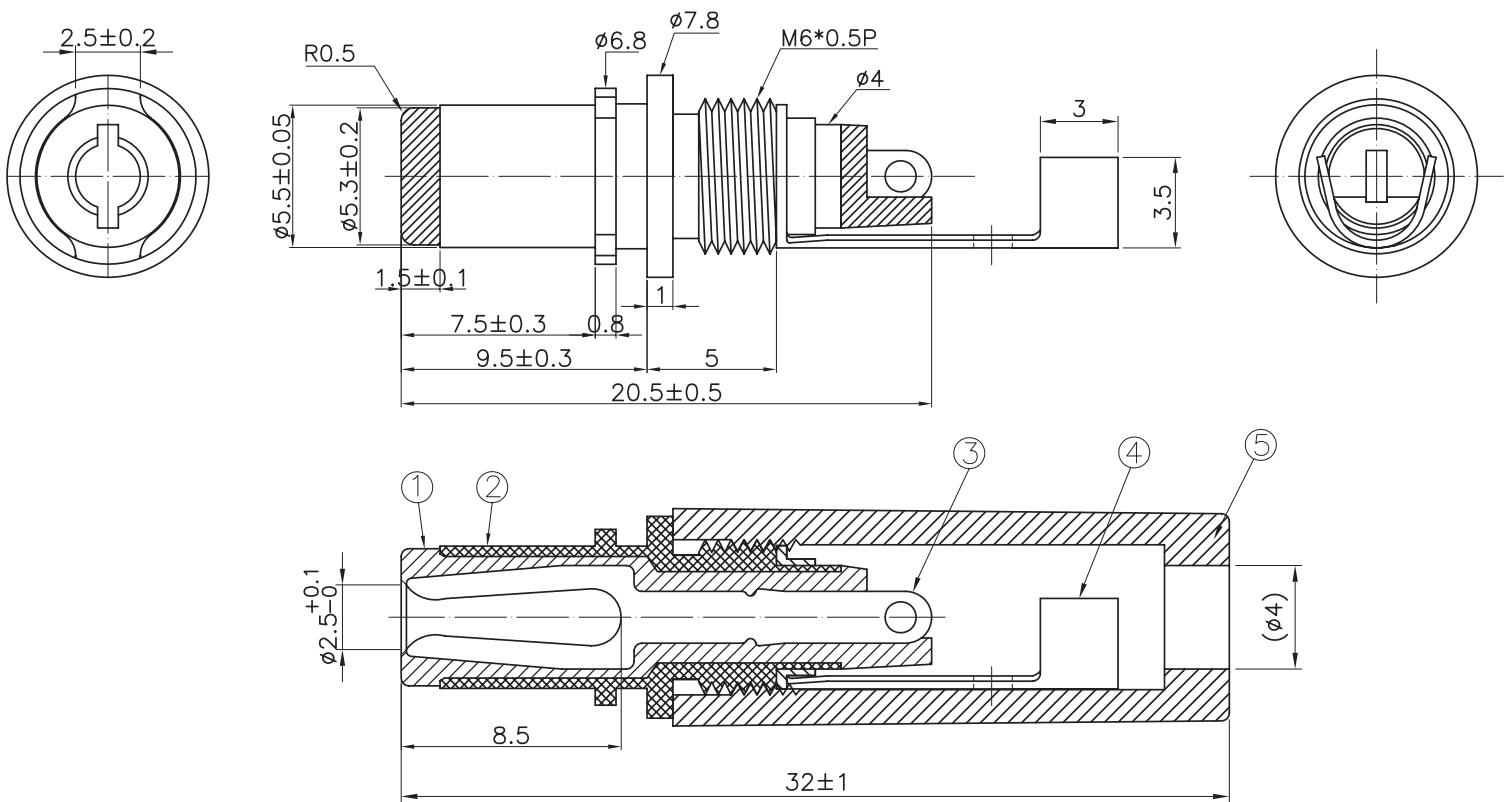
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 1 second | 380 | 400 | 420 | °C |

MECHANICAL DRAWING

units: mm
tolerance:
X≤1.0: ±0.1 mm
1.0<X≤6.0: ±0.2 mm
6.0<X≤12.0: ±0.3 mm
12.0<X≤25.0: ±0.4 mm
X>25.0: ±0.5 mm
unless otherwise noted

| ITEM | DESCRIPTION | MATERIAL | PLATING/COLOR |
|------|----------------|----------------|---------------|
| 1 | insulator | PBT [UL94HB] | black |
| 2 | outer barrel | brass | nickel |
| 3 | center contact | phospor bronze | nickel |
| 4 | crimp terminal | brass | nickel |
| 5 | cover | ABS [UL94HB] | black |



REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 07/17/2020 |
| 1.01 | logo, datasheet style update | 08/05/2022 |
| 1.02 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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



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