

**MODEL:** MR-2501 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- 2.5 mm audio jack
- cable mount
- mono audio

**SPECIFICATIONS**

| parameter                  | conditions/description           | min | typ   | max | units  |
|----------------------------|----------------------------------|-----|-------|-----|--------|
| contact resistance         | between terminal and mating plug |     |       | 50  | mΩ     |
| insulation resistance      | at 500 Vdc                       | 100 |       |     | MΩ     |
| voltage withstand          | for 1 minute                     |     |       | 500 | Vac    |
| insertion/withdrawal force |                                  | 0.4 |       | 2   | kg     |
| operating temperature      |                                  | -10 |       | 50  | °C     |
| life                       |                                  |     | 3,000 |     | cycles |
| flammability rating        | UL94V-2 (PA only)                |     |       |     |        |
| RoHS                       | yes                              |     |       |     |        |

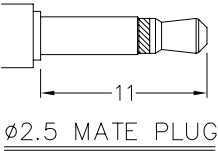
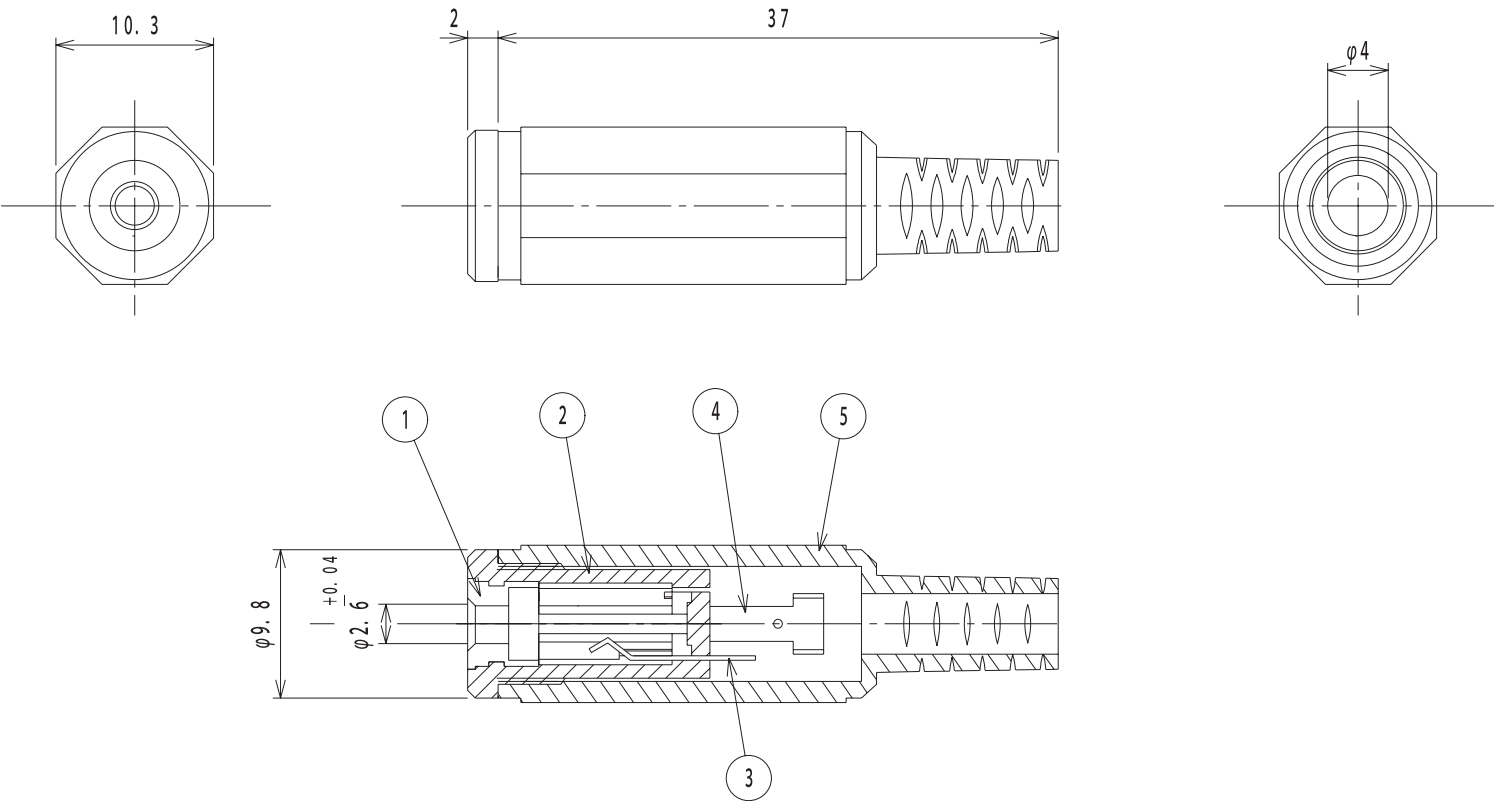
**SOLDERABILITY**

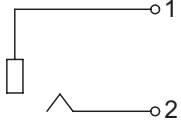
| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 2 seconds max      |     | 360 |     | °C    |

MECHANICAL DRAWING

units: mm  
tolerance: ±0.3 mm

|              | MATERIAL        | PLATING |
|--------------|-----------------|---------|
| [1] sleeve   | brass           | nickel  |
| [2] housing  | PA              |         |
| [3] contact  | phosphor bronze | nickel  |
| [4] terminal | brass           | nickel  |
| [5] cap      | PE              |         |



|           |                                                                                      |
|-----------|--------------------------------------------------------------------------------------|
| Model No. | MR-2501                                                                              |
| Schematic |  |
| PIN       |                                                                                      |
| 1         | sleeve                                                                               |
| 2         | tip                                                                                  |

REVISION HISTORY

| rev. | description                        | date       |
|------|------------------------------------|------------|
| 1.0  | initial release                    | 09/06/2006 |
| 1.01 | added schematic                    | 12/05/2006 |
| 1.02 | design improvement of body and tip | 01/09/2015 |
| 1.03 | brand update                       | 10/18/2019 |
| 1.04 | 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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