



**MODEL:** SJ1-43502PM | **DESCRIPTION:** AUDIO JACK

**FEATURES**

- panel mount
- 4 conductor
- includes nut



**SPECIFICATIONS**

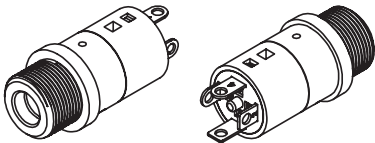
| parameter                  | conditions/description | min | typ   | max | units  |
|----------------------------|------------------------|-----|-------|-----|--------|
| rated input voltage        |                        |     | 12    |     | Vdc    |
| rated input current        |                        |     |       | 1   | A      |
| contact resistance         |                        |     |       | 30  | mΩ     |
| insulation resistance      | at 500 Vdc             | 100 |       |     | MΩ     |
| voltage withstand          | for 1 minute           |     |       | 500 | Vac    |
| insertion/withdrawal force |                        | 0.3 |       | 3   | kg     |
| operating temperature      |                        | -25 |       | 85  | °C     |
| life                       |                        |     | 5,000 |     | cycles |
| flammability rating        | UL94V-0                |     |       |     |        |
| RoHS                       | yes                    |     |       |     |        |

**SOLDERABILITY**

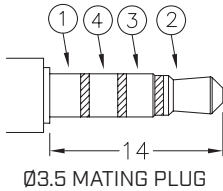
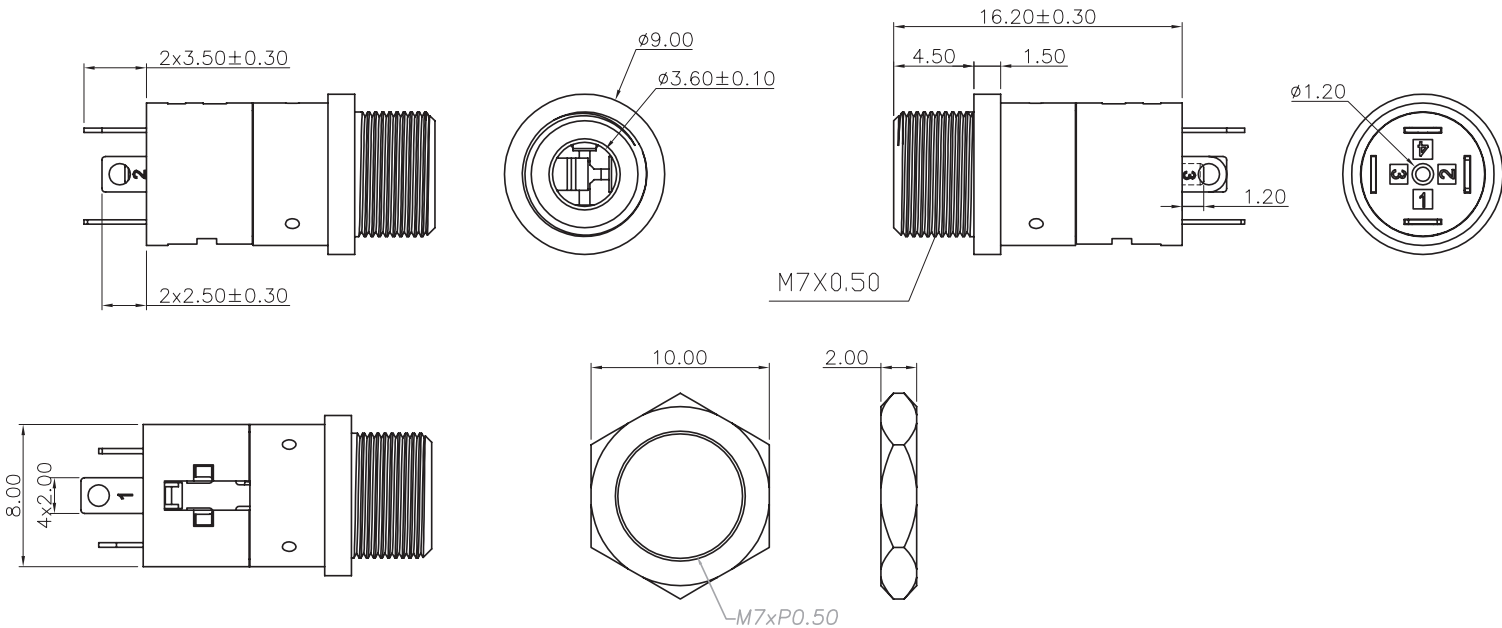
| parameter      | conditions/description                  | min | typ | max | units |
|----------------|---|-----|-----|-----|-------|
| wave soldering | dipped in solder pot for 5 ±0.5 seconds | 255 | 260 | 265 | °C    |

MECHANICAL DRAWING

units: mm  
tolerance:  
X ±0.50 mm  
X.X ±0.30 mm  
X.XX ±0.20 mm  
X.XXX ±0.10 mm  
unless otherwise specified



| DESCRIPTION | MATERIAL         | PLATING/COLOR |
|-------------|------------------|---------------|
| terminal 1  | bronze t=0.25 mm | tin           |
| terminal 2  | bronze t=0.30 mm | tin           |
| terminal 3  | bronze t=0.25 mm | tin           |
| terminal 4  | bronze t=0.25 mm | tin           |
| bushing     | brass            | nickel        |
| nut         | brass            | nickel        |
| housing     | PA46 (UL94V-0)   | black         |



|           |             |
|-----------|-------------|
| Model No. | SJ1-43502PM |
| Schematic |             |
| PIN       |             |
| 1         | sleeve      |
| 2         | tip         |
| 3         | ring 1      |
| 4         | ring 2      |

REVISION HISTORY

| rev. | description   | date       |
|------|---|------------|
| 1.0  | initial release   | 10/15/2014 |
| 1.01 | brand update  | 10/10/2019 |
| 1.02 | product reengineered for improved manufacturability and production yield, see PCN for details | 07/25/2023 |
| 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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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