CUI DEVICES

date 10/18/2019

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MODEL: SR-3530 | **DESCRIPTION:** AUDIO RECEPTACLE

FEATURES

- 3 conductor
- cable mount
- octagonal cover with strain relief





SPECIFICATIONS

| <u> </u> | | | | | |
|-----------------------|----------------------------------|-----|-------|-----|--------|
| parameter | conditions/description | min | typ | max | units |
| rated input voltage | | | 12 | | Vdc |
| rated input current | | | | 1 | Α |
| contact resistance | between plug and receptacle | | | 50 | mΩ |
| insulation resistance | at 500 Vdc | 100 | | | МΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion force | when mating with a standard plug | 0.4 | | 4 | kgf |
| withdrawal force | when mating with a standard plug | 0.4 | | 4 | kgf |
| operating temperature | | -25 | | 70 | °C |
| operating humidity | | | | 85 | % |
| life | | | 5,000 | | cycles |
| flammability rating | see material table | | | | |
| RoHS | yes | | | | |

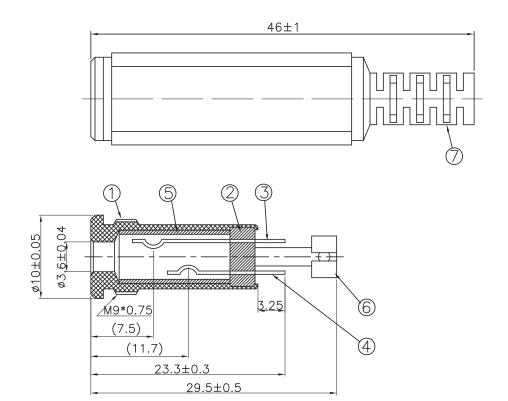
SOLDERABILITY

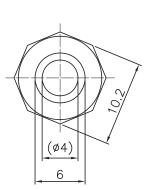
| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 1 second | 380 | 400 | 420 | °C |

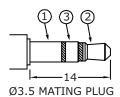
MECHANICAL DRAWING

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 | body | brass | nickel |
| 2 | insulator | ABS (UL94HB) | white |
| 3 | terminal 3 | phosphor bronze | nickel |
| 4 | terminal 2 | phosphor bronze | gold |
| 5 | plastic tube | POM (UL94HB) | natural |
| 6 | terminal 1 | brass | nickel |
| 7 | cover | PVC | black |
| | | | |







| SR-3530 | |
|----------------|--|
| 01 03 02 | |
| | |
| sleeve | |
| tip | |
| ring | |
| | |

Additional Resources: Product Page | 3D Model

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REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 06/15/2018 |
| 1.01 | brand update | 10/18/2019 |

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

CUI DEVICES

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

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