

**MODEL:** IA-MS2535 | **DESCRIPTION:** AUDIO INLINE ADAPTER**FEATURES**

- 3.5 mm stereo to 2.5 mm mono
- hexagonal cover

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-----------------------|----------------------------------|-----|-------|-----|--------------|
| rated input voltage | | | 12 | | Vdc |
| rated input current | | | | 1 | A |
| contact resistance | between plug and jack | | | 1 | Ω |
| insulation resistance | at 300 Vdc | 2 | | | M Ω |
| insertion force | when mating with a standard jack | 0.4 | | 4 | kgf |
| withdrawal force | when mating with a standard jack | 0.4 | | 4 | kgf |
| operating temperature | | -25 | | 70 | $^{\circ}$ C |
| operating humidity | | | | 85 | % |
| life | | | 5,000 | | cycles |
| flammability rating | see material table | | | | |
| RoHS | yes | | | | |

MECHANICAL DRAWING

units: mm

tolerance:

$X \leq 1.0$: ± 0.1 mm

$1.0 < X \leq 6.0$: ± 0.2 mm

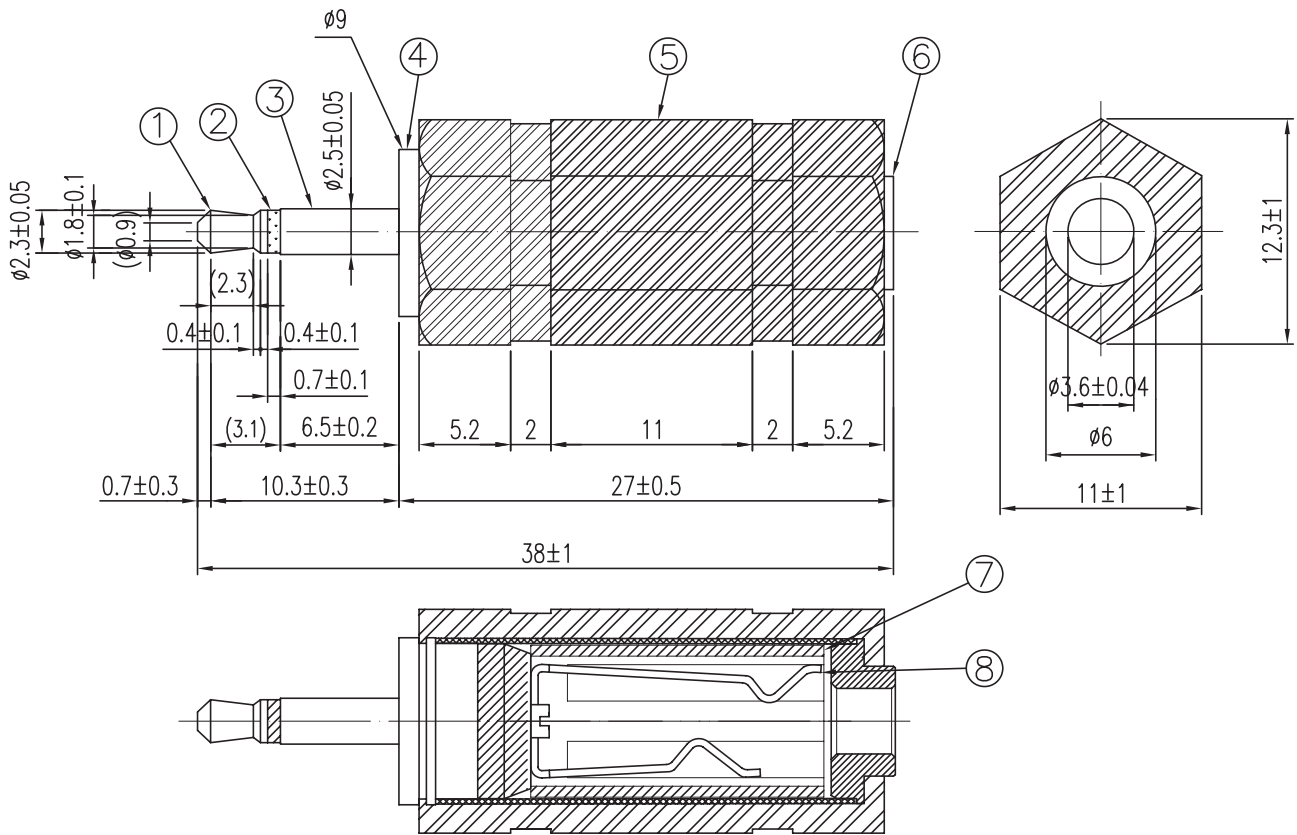
$6.0 < X \leq 12.0$: ± 0.3 mm

$12.0 < X \leq 25.0$: ± 0.4 mm

$X > 25.0$: ± 0.5 mm

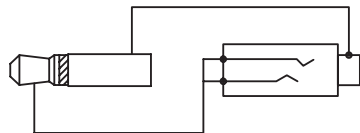
unless otherwise noted

| ITEM | DESCRIPTION | MATERIAL | PLATING/COLOR |
|------|-----------------------|-------------|---------------|
| 1 | plug tip | brass | nickel |
| 2 | insulator | ABS[UL94HB] | black |
| 3 | plug sleeve | brass | nickel |
| 4 | body | brass | nickel |
| 5 | cover | PVC | black |
| 6 | receptacle sleeve | brass | nickel |
| 7 | insulator | PE | |
| 8 | receptacle tip & ring | brass | nickel |



Ø2.5 Mono Plug

Ø3.5 Stereo Receptacle



Schematic

REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 06/18/2018 |
| 1.01 | brand update | 10/18/2019 |
| 1.02 | logo, datasheet style update | 08/18/2022 |
| 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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