



MODEL: IA-MM3563 | DESCRIPTION: AUDIO INLINE ADAPTER

FEATURES

- 6.3 mm mono to 3.5 mm mono
- hexagonal cover



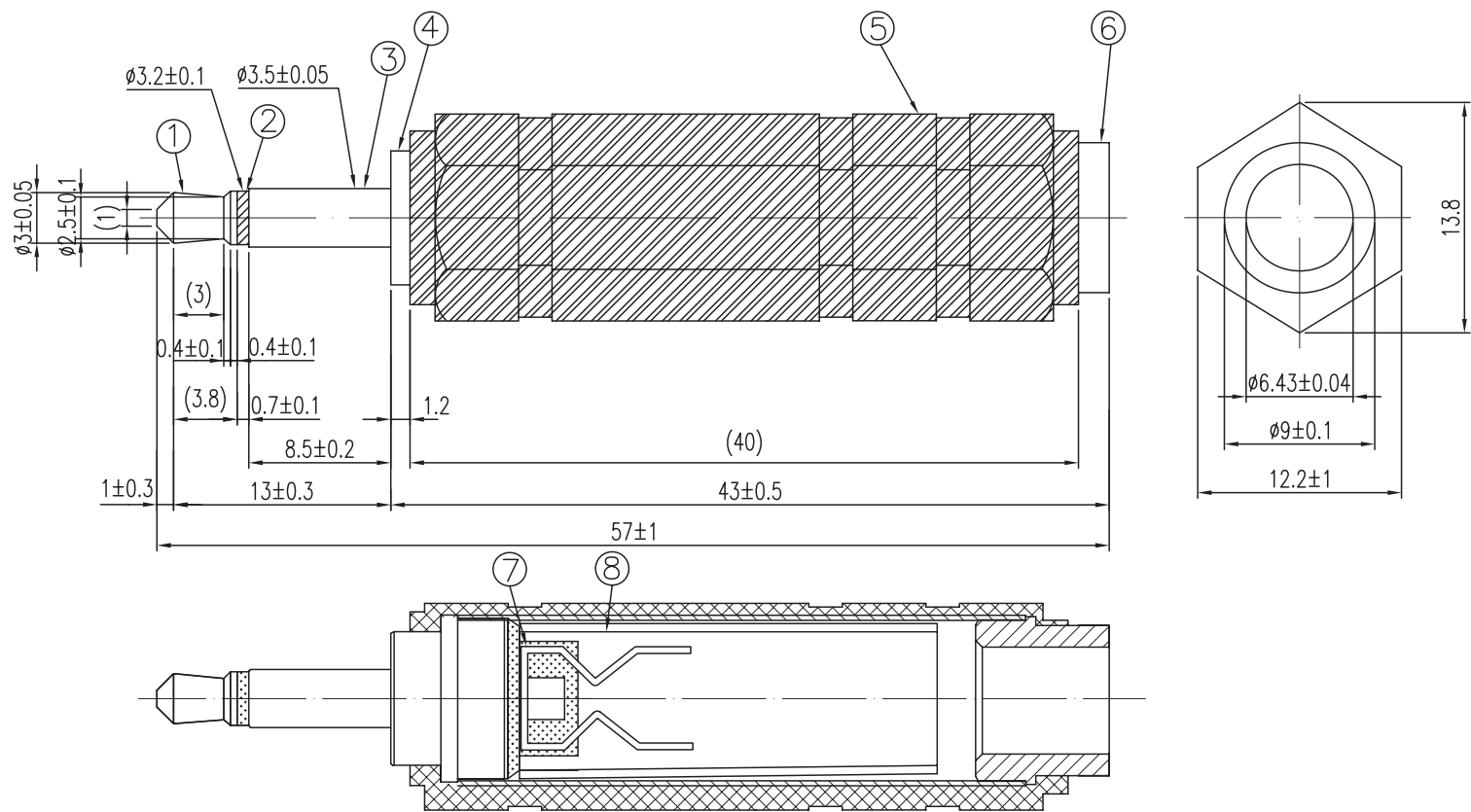
SPECIFICATIONS

| parameter             | conditions/description           | min | typ   | max | units              |
|-----------------------|----------------------------------|-----|-------|-----|--------------------|
| rated input voltage   |                                  |     | 12    |     | Vdc                |
| rated input current   |                                  |     |       | 1   | A                  |
| contact resistance    | between plug and jack            |     |       | 1   | $\Omega$           |
| insulation resistance | at 300 Vdc                       | 2   |       |     | M $\Omega$         |
| 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  | $^{\circ}\text{C}$ |
| operating humidity    |                                  |     |       | 85  | %                  |
| life                  |                                  |     | 5,000 |     | cycles             |
| flammability rating   | see material table               |     |       |     |                    |
| RoHS                  | yes                              |     |       |     |                    |

MECHANICAL DRAWING

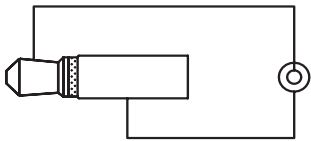
units: mm  
tolerance:  
X≤1.0: ±0.1 mm  
1.0<X≤6.0: ±0.2 mm  
6.0<X≤12.0: ±0.3 mm  
12.0<X≤25.0: ±0.4 mm  
X>25.0: ±0.5 mm  
unless otherwise noted

| ITEM | DESCRIPTION       | MATERIAL        | PLATING/COLOR |
|------|-------------------|-----------------|---------------|
| 1    | 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    | receptacle tip    | phosphor bronze | nickel        |
| 8    | plastic tube      | PE              |               |



Ø3.5 Mono Plug

Ø6.3 Mono Receptacle



Schematic

REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 06/15/2018 |
| 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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