

**MODEL:** IA-MM2535 | **DESCRIPTION:** AUDIO INLINE ADAPTER

**FEATURES**

- 3.5 mm mono 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   |       |     | MΩ     |
| 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  | °C     |
| operating humidity    |                                  |     |       | 85  | %      |
| life                  |                                  |     | 5,000 |     | cycles |
| flammability rating   | see material table               |     |       |     |        |
| RoHS                  | yes                              |     |       |     |        |

## MECHANICAL DRAWING

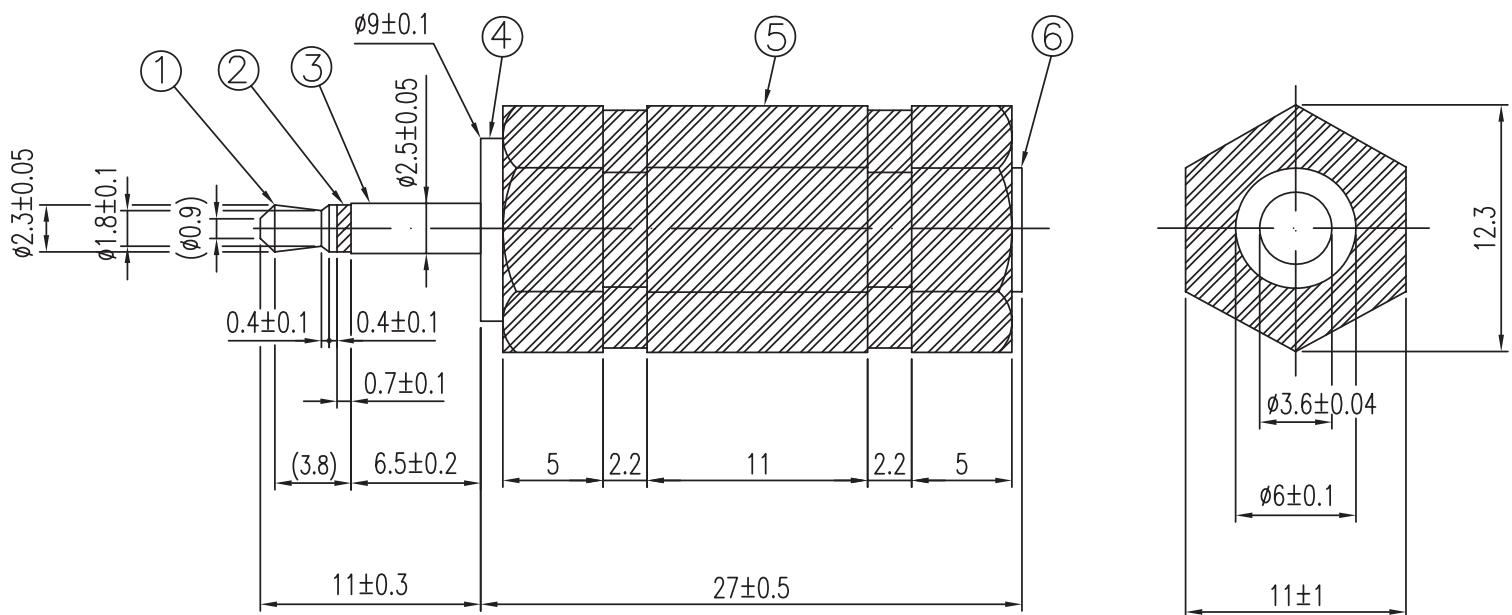
units: mm

tolerance:

 $X \leq 1.0$ :  $\pm 0.1$  mm $1.0 < X \leq 6.0$ :  $\pm 0.2$  mm $6.0 < X \leq 12.0$ :  $\pm 0.3$  mm $12.0 < X \leq 25.0$ :  $\pm 0.4$  mm $X > 25.0$ :  $\pm 0.5$  mm

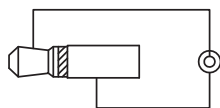
unless otherwise noted

| 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        |



Ø2.5 Mono Plug

Ø3.5 Mono Receptacle



Schematic

## REVISION HISTORY

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

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



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

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