

**SERIES:** CES-703315-28X | **DESCRIPTION:** SPEAKER**FEATURES**

- adhesive included
- mounting screw holes
- 350 Hz resonant frequency

**SPECIFICATIONS**

| parameter               | conditions/description                                    | min   | typ   | max    | units    |
|-------------------------|-----------------------------------------------------------|-------|-------|--------|----------|
| input power             | max power: 1 min. on, 2 min. off, 10 cycles               |       | 2.0   | 2.5    | W        |
| impedance               | at 1.2 kHz, 1 W                                           | 6.8   | 8.0   | 9.2    | $\Omega$ |
| resonant frequency (Fo) | at 1.0 W                                                  | 280   | 350   | 420    | Hz       |
| frequency response      |                                                           | Fo    |       | 14,000 | Hz       |
| sound pressure level    | at 1.0 W, 1 m, avg at 0.5, 0.6, 0.8, 1.0 kHz              | 72    | 75    | 78     | dB       |
| distortion              | at 1.0 kHz, 1.0 W, 1 m                                    |       |       | 10     | %        |
| buzz, rattle, etc.      | must be normal at sine wave between 200 Hz~3 kHz          |       |       | 4.0    | V        |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |       |       |        |          |
| dimensions              | 70 x 33 x 17                                              |       |       |        | mm       |
| magnet                  | Nd-Fe-B                                                   |       |       |        |          |
| enclosure material      | ABS + PC                                                  |       |       |        |          |
| cone material           | cloth + paper                                             |       |       |        |          |
| weight                  | wire leads model                                          | 19.98 | 22.20 | 24.42  | g        |
|                         | wire leads with connector model                           | 20.07 | 22.30 | 24.53  | g        |
| operating temperature   |                                                           | -25   |       | 55     | °C       |
| storage temperature     |                                                           | -25   |       | 55     | °C       |
| hand soldering          | for 3~5 seconds (wire leads model only)                   | 370   | 380   | 390    | °C       |
| RoHS                    | yes                                                       |       |       |        |          |

Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

**PART NUMBER KEY****CES - 703315 - 28 XX**

Base Number

Termination Options:

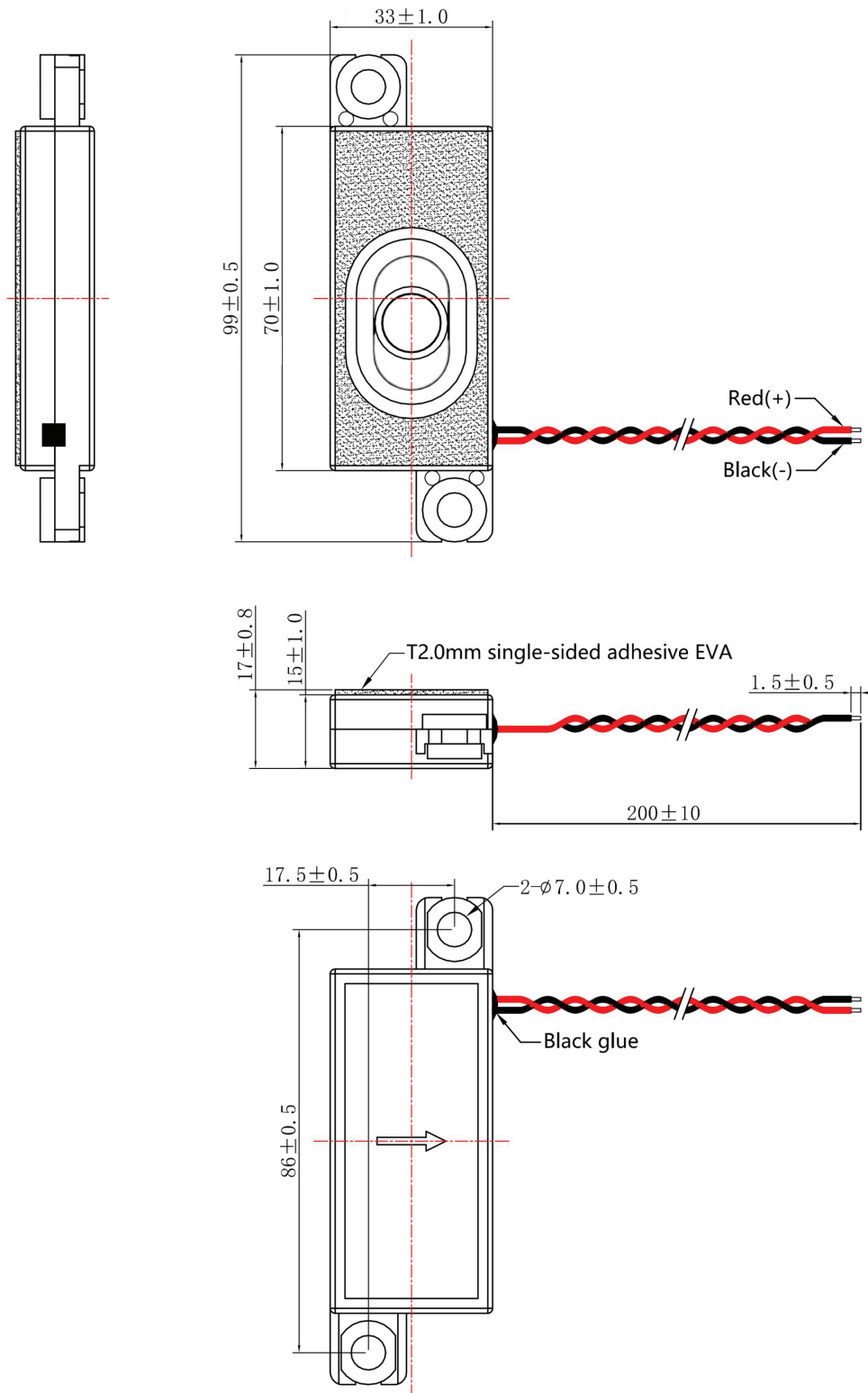
L200 = 200 mm wire leads

L200B = 200 mm wire leads with equivalent to Molex 51021-0200 connector

## MECHANICAL DRAWING (WIRE LEADS)

units: mm

wire: UL1571 30 AWG



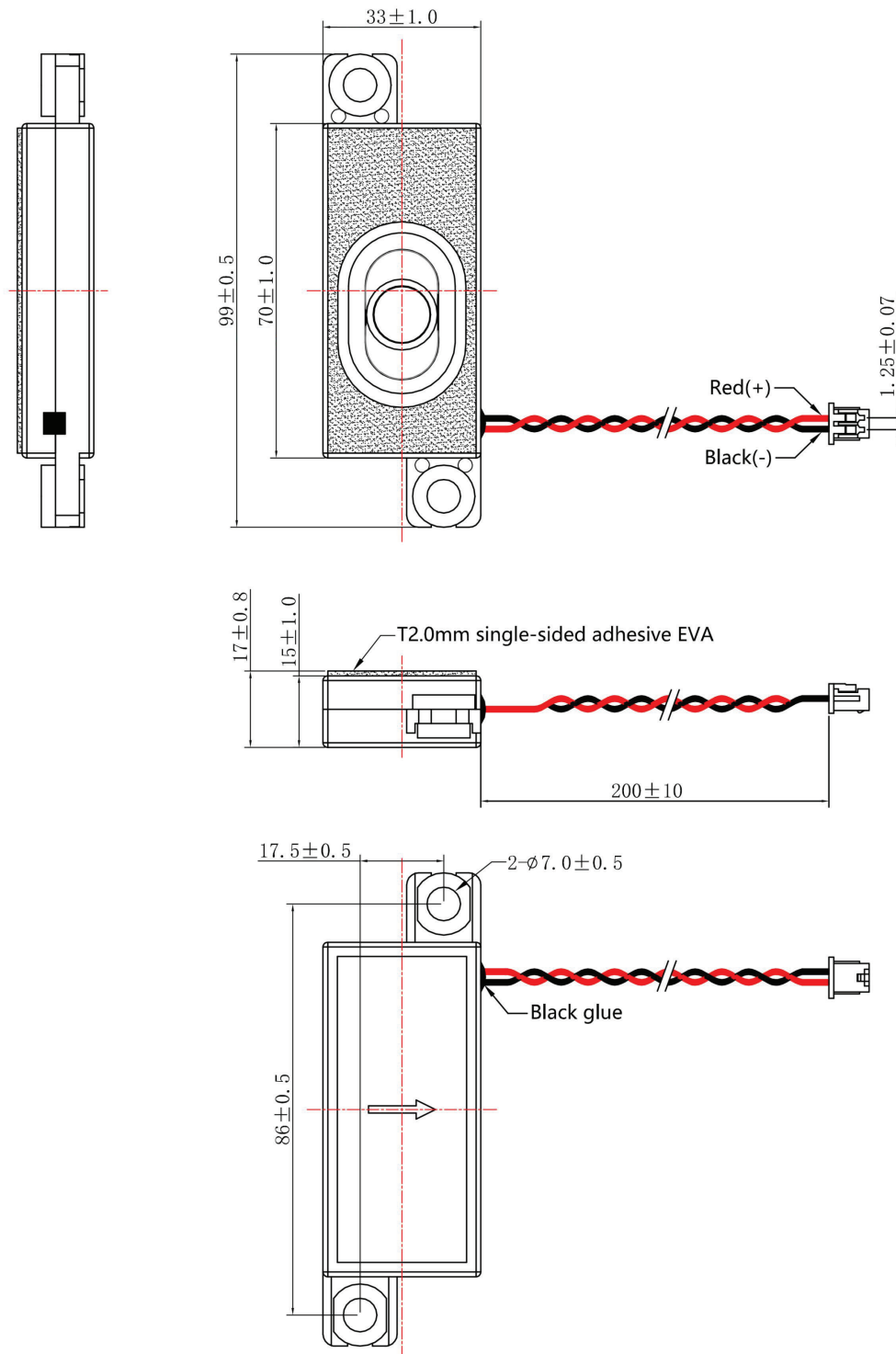
## MECHANICAL DRAWING (WIRE LEADS W/ CONNECTOR)

units: mm

wire: UL1571 30 AWG

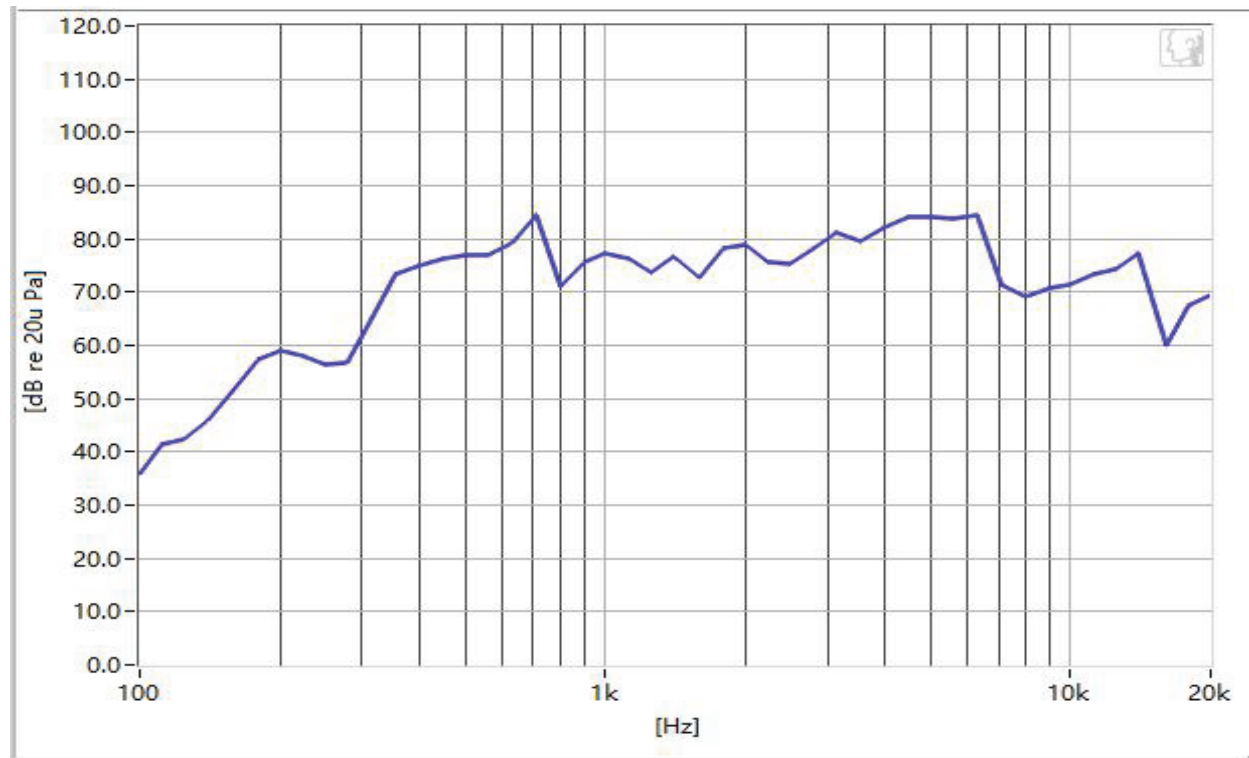
connector: Equivalent to Molex 51021-0200

mating connector: Molex 53261-0271 or equivalent

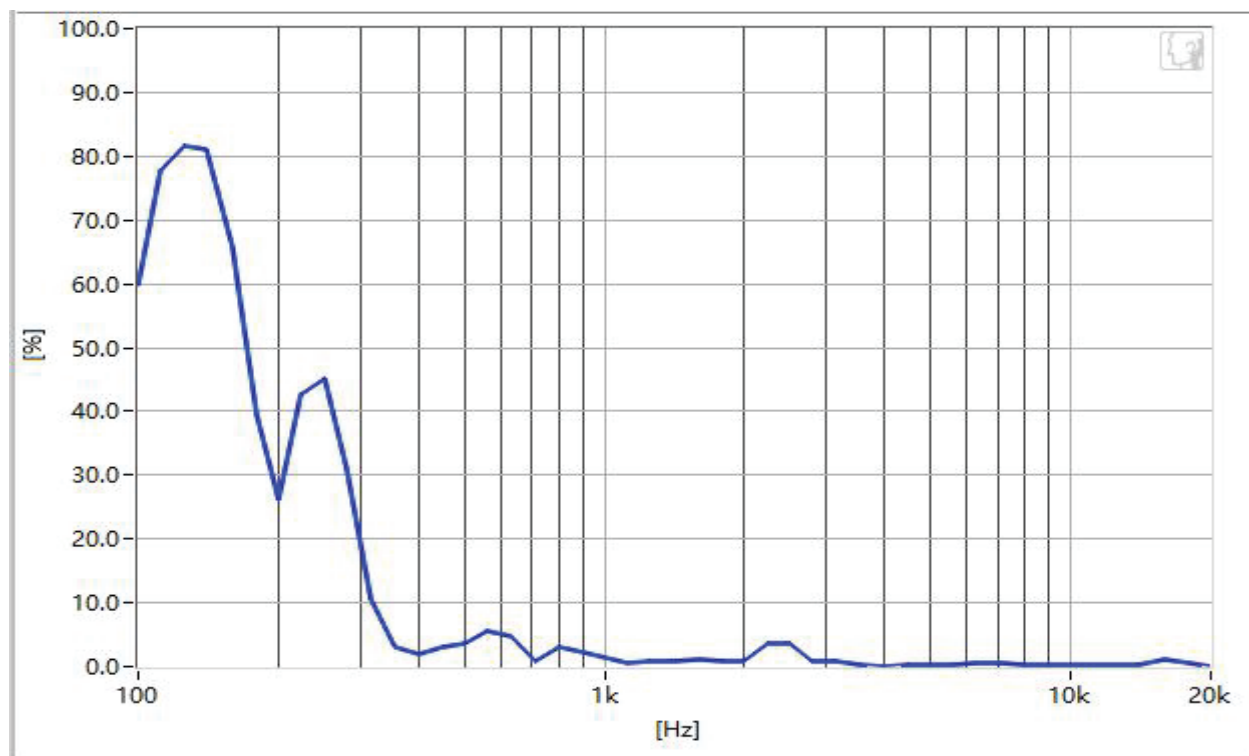


## RESPONSE CURVES

### Frequency Response Curve



### Total Harmonic Distortion Curve



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 09/03/2026 |

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



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