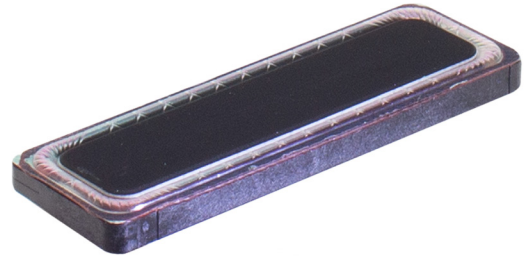


**SERIES:** CMS-40134-24X | **DESCRIPTION:** SPEAKER**FEATURES**

- low resonance frequency
- long profile
- multiple termination options

**SPECIFICATIONS**

| parameter               | conditions/description                                       | min  | typ        | max    | units    |
|-------------------------|--------------------------------------------------------------|------|------------|--------|----------|
| input power             | max power: 1 min on, 2 min off, 10 cycles, in 5 cc box       |      | 2.0        | 2.5    | W        |
| impedance               | at 2.0 kHz, 2.83 Vrms, in 5 cc box                           | 3.2  | 4.0        | 4.8    | $\Omega$ |
| coil resistance         |                                                              | 3.42 | 3.80       | 4.18   | $\Omega$ |
| resonant frequency [Fo] | in 5 cc box                                                  | 440  | 550        | 660    | Hz       |
| frequency response      |                                                              | Fo   |            | 20,000 | Hz       |
| sound pressure level    | at 2.0 W, 10 cm, at 2.0 kHz in 5 cc box                      | 95   | 98         | 101    | dB       |
| distortion              | at rated power, 1.0 kHz, 10 cm, in 5 cc box on baffle        |      |            | 10     | %        |
| buzz, rattle, etc.      | must be normal at sine wave, between 0.2~2.0 kHz in 5 cc box |      |            | 2.83   | V        |
| polarity                | cone moves forward w/ positive dc current to "+" terminal    |      |            |        |          |
| dimensions              | 40 x 13 x 4                                                  |      |            |        | mm       |
| magnet                  | Nd-Fe-B                                                      |      |            |        |          |
| frame material          | PPA                                                          |      |            |        |          |
| cone material           | PEEK                                                         |      |            |        |          |
| weight                  | solder pads model<br>wire leads model                        |      | 7.0<br>7.5 |        | g<br>g   |
| operating temperature   |                                                              | -20  |            | 60     | °C       |
| storage temperature     |                                                              | -30  |            | 70     | °C       |
| hand soldering          | for 3~5 seconds                                              | 370  | 380        | 390    | °C       |
| RoHS                    | yes                                                          |      |            |        |          |

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

**PART NUMBER KEY****CMS - 40134 - 24 XX**

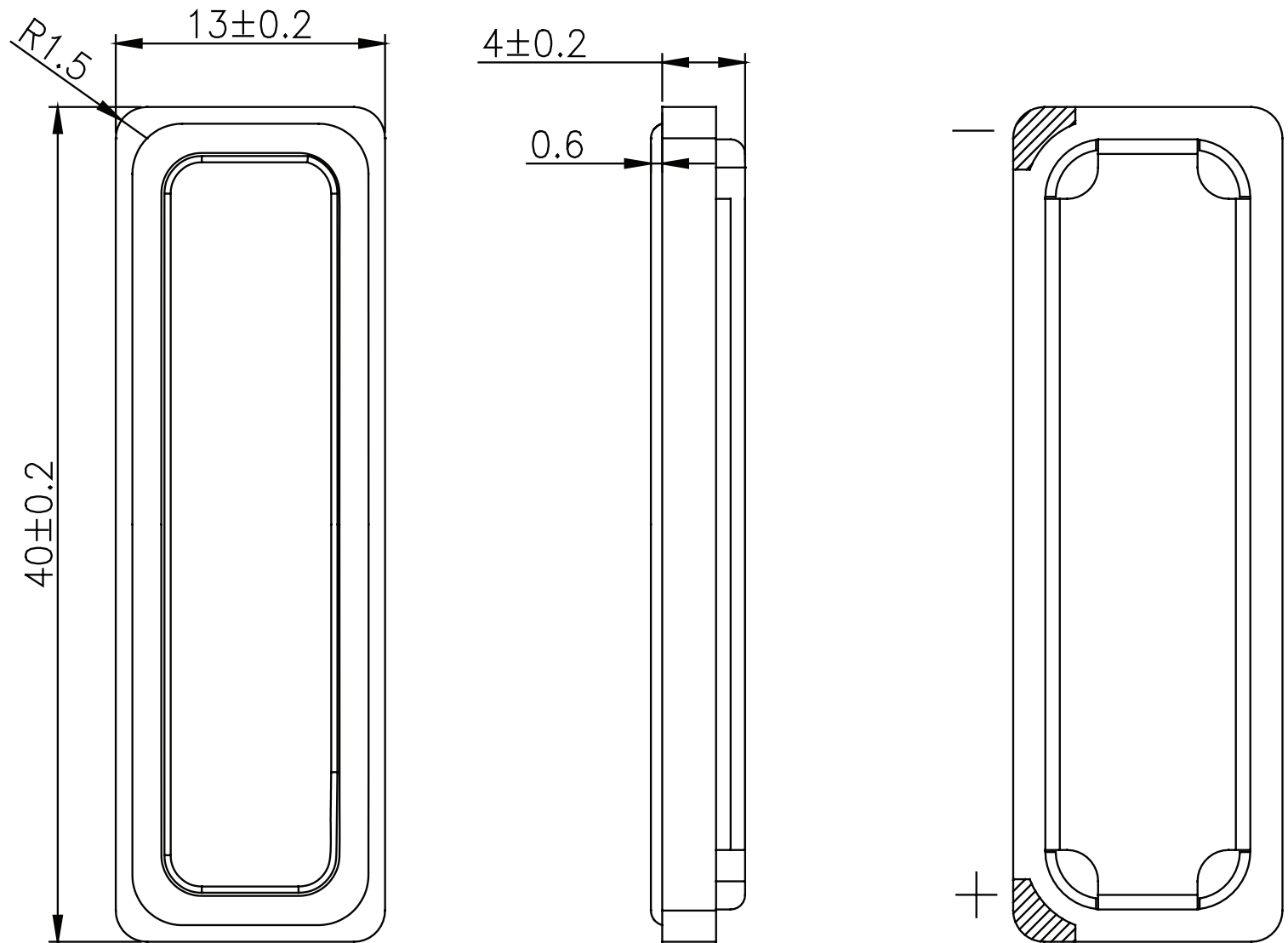
Base Number

Termination Options:  
SP = solder pads  
L200 = wire leads

## MECHANICAL DRAWING (SOLDER PADS)

units: mm  
tolerance:  $\pm 0.2$  mm

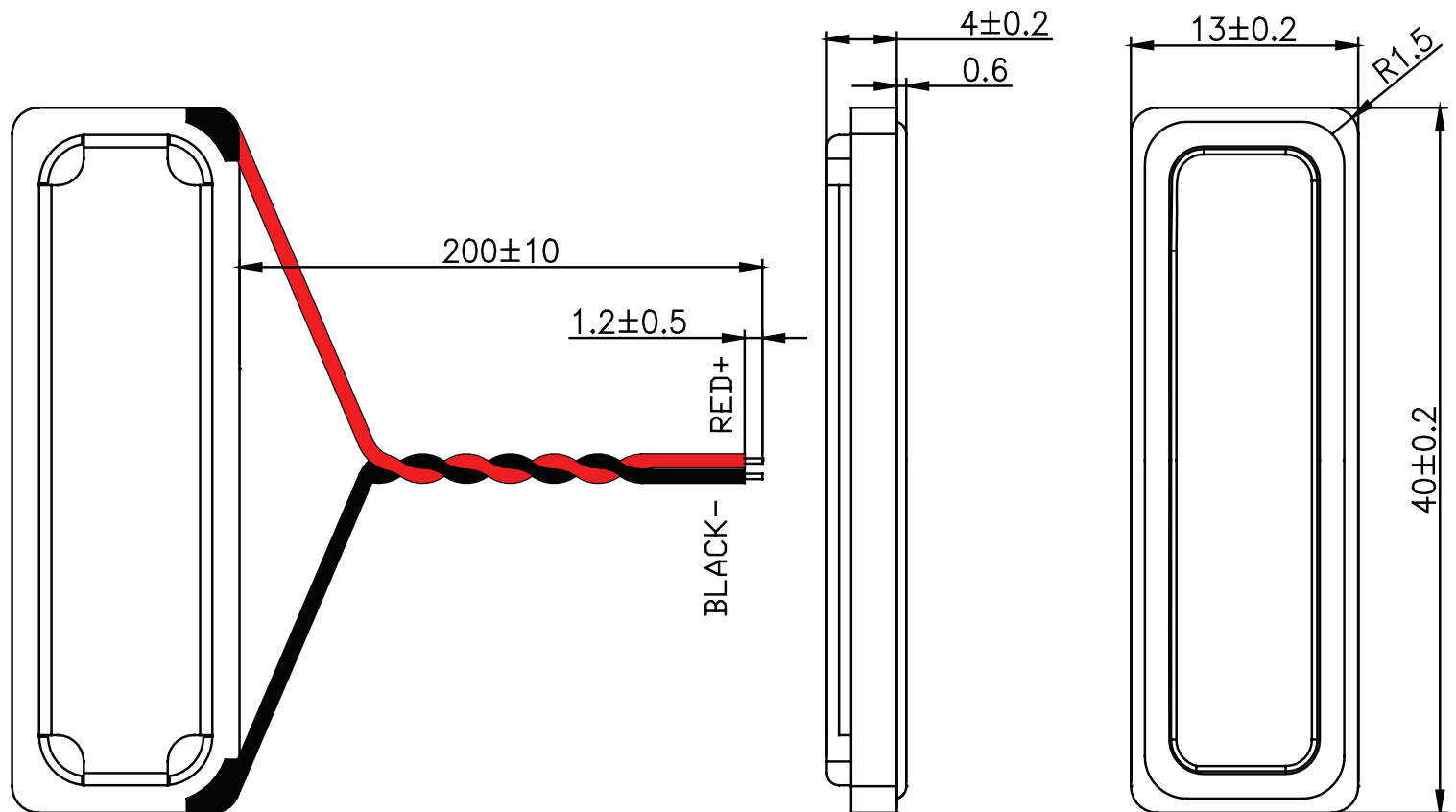
used in enclosed speaker CES-46257-24-L200



## MECHANICAL DRAWING (WIRE LEADS)

units: mm  
tolerance:  $\pm 0.2$  mm

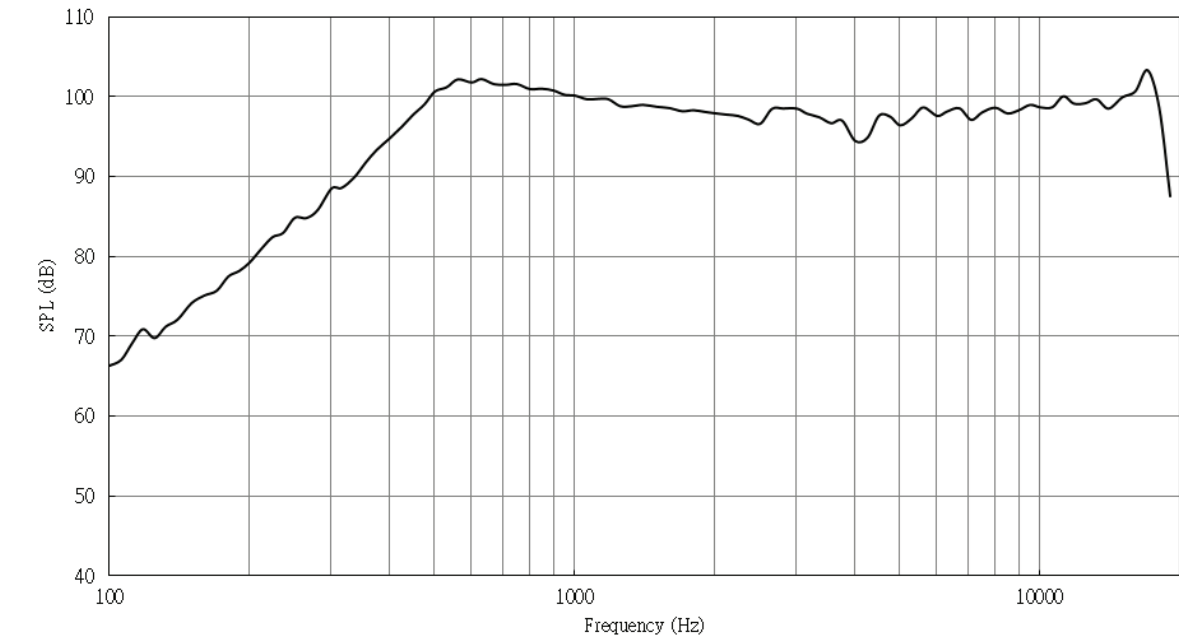
wire: UL1571 30 AWG  
used in enclosed speaker CES-46257-24-L200



RESPONSE CURVES

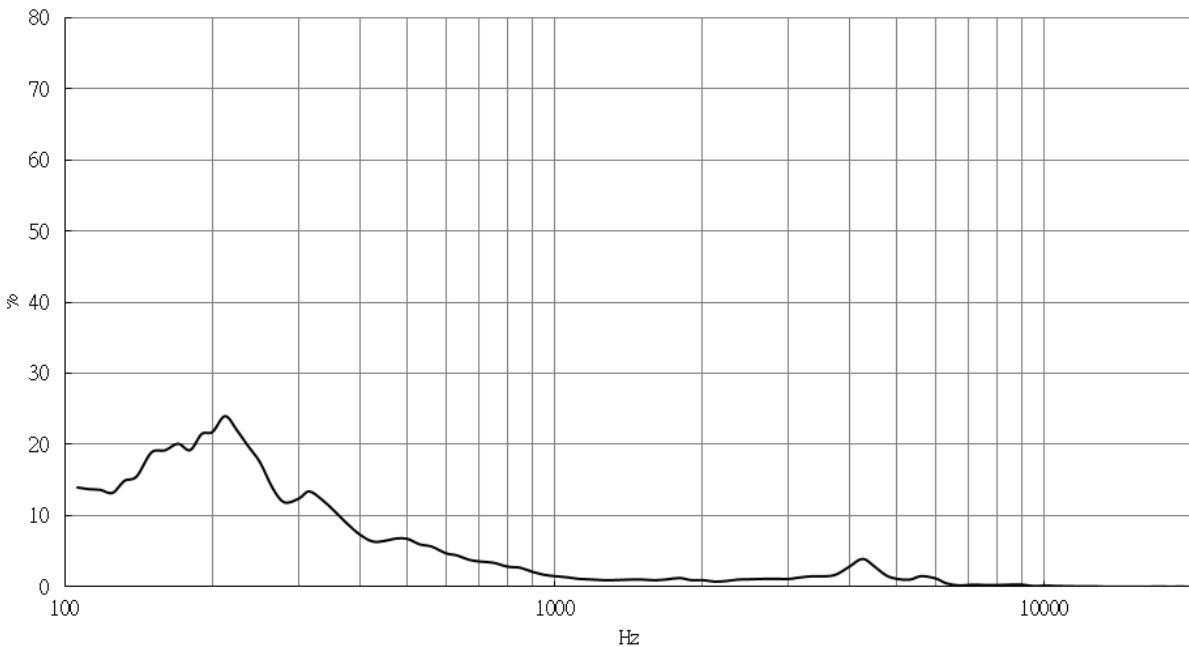
Frequency Response Curve

Test Conditions: 2.83 Vrms/10 cm in 5 cc box



Total Harmonic Distortion Curve

Test Conditions: 2.83 Vrms/10 cm in 5 cc box



THIELE-SMALL PARAMETERS

| parameter                    | conditions/description | typ   |
|------------------------------|------------------------|-------|
| Mechanical Q Factor          | Qms                    | 2.813 |
| Electrical Q Factor          | Qes                    | 2.288 |
| Total Q Factor               | Qts                    | 1.262 |
| Compliance Equivalent Volume | Vas                    | 0.008 |

Notes: 2. Results represent typical performance in Free Air conditions.

REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 12/01/2025 |

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



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