

MODEL: CLS0401MAE-L152 | **DESCRIPTION:** SPEAKER**FEATURES**

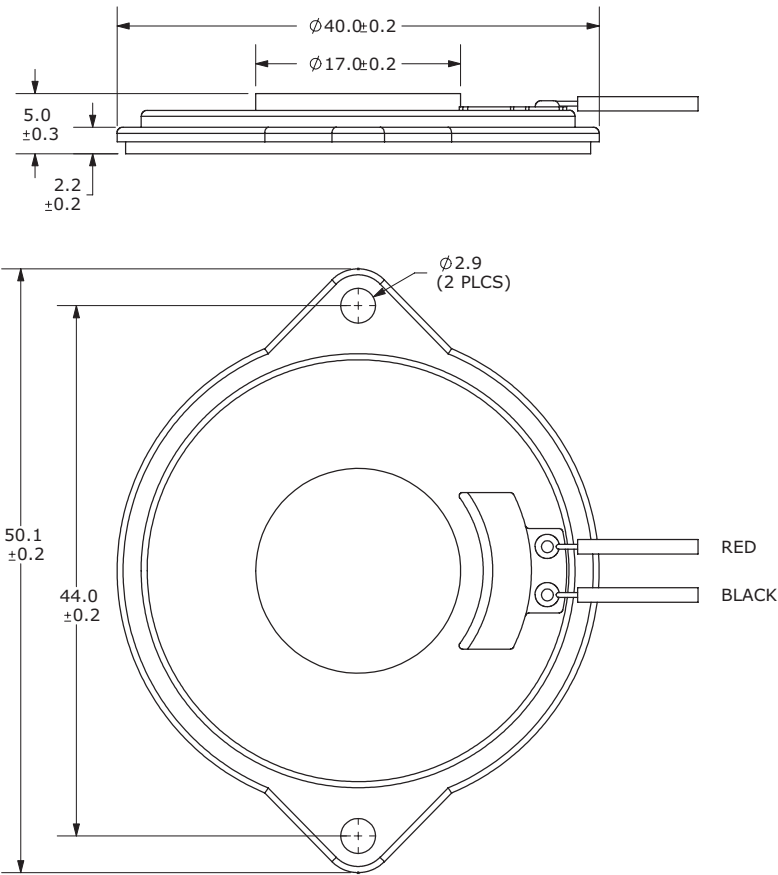
- 40 mm
- round frame
- 1.0 W
- 4 Ω
- neodymium magnet
- PET cone
- wire leads

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|-----|------|-------|--------------------|
| input power | | | 1.0 | 2.0 | W |
| impedance | at 1.0 kHz, 1.0 V | 3.4 | 4 | 4.6 | Ω |
| resonant frequency [Fo] | at 1.0 V | 400 | 500 | 600 | Hz |
| frequency response | | Fo | | 7,000 | Hz |
| sound pressure level | at 1.0 W, 50 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz | 88 | 91 | 94 | dB |
| buzz, rattle, etc. | must be normal at sine wave | | | 2.0 | V |
| dimensions | $\varnothing 40 \times 5$ | | | | mm |
| magnet | Nd-Fe-B | | | | |
| cone material | PET | | | | |
| terminal | wire leads | | | | |
| weight | | | 10.5 | | g |
| operating temperature | | -25 | | 60 | $^{\circ}\text{C}$ |
| hand soldering | for maximum 3 seconds | 340 | 350 | 360 | $^{\circ}\text{C}$ |
| RoHS | yes | | | | |

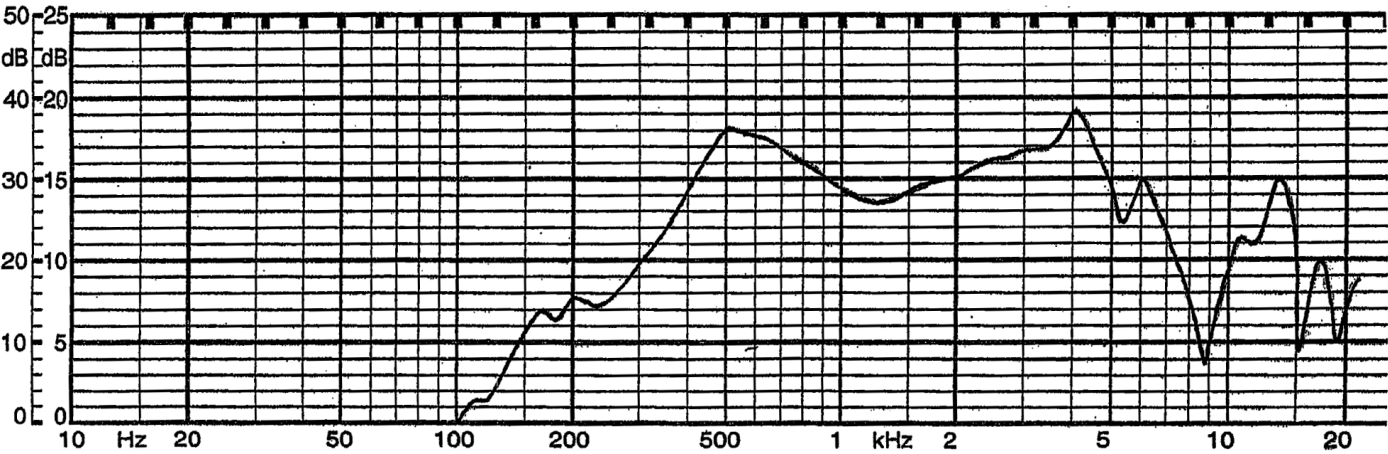
MECHANICAL DRAWING

units: mm
wire: UL1007 28 AWG
length: 152 mm



FREQUENCY RESPONSE CURVE

| parameter | conditions/description |
|-----------------------|------------------------|
| potentiometer range | 50 dB |
| rectifier | RMS |
| lower limit frequency | 20 Hz |
| wr. speed | 100 mm/sec |
| zero level | 60 dB |



REVISION HISTORY

| rev. | description | date |
|------|------------------------------|------------|
| 1.0 | initial release | 07/03/2007 |
| 1.01 | brand update | 10/13/2020 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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