

MODEL: CLS0361-L152 | **DESCRIPTION:** SPEAKER

FEATURES

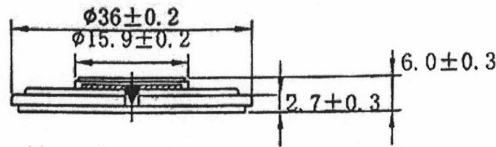
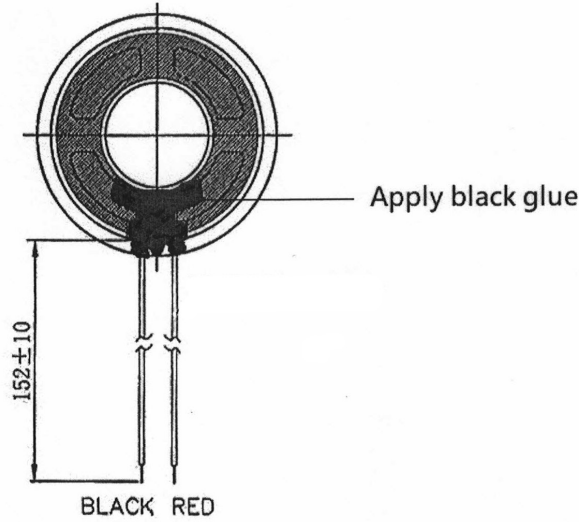
- 36 mm
- round frame
- 2.0 W
- 8 Ω
- neodymium magnet
- paper cone
- wire leads


SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|-----|-----|--------|--------------------|
| input power | | | 2 | 3 | W |
| impedance | at 1k Hz, 1.0 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency (Fo) | at 1.0 V | 360 | 450 | 540 | Hz |
| frequency response | | Fo | | 10,000 | Hz |
| sound pressure level | at 1.0 W, 50 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz | 85 | 88 | 91 | dB |
| distortion | at 1 kHz, 1 W | | | 10 | % |
| buzz, rattle, etc. | must be normal at sine wave | | | 4 | V |
| dimensions | 36 x 36 x 6.0 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| cone material | paper | | | | |
| terminal | wire leads | | | | |
| weight | | | 8.6 | | g |
| operating temperature | | -25 | | 60 | $^{\circ}\text{C}$ |
| hand soldering | for maximum 3 seconds | 340 | 350 | 360 | $^{\circ}\text{C}$ |
| RoHS | yes | | | | |

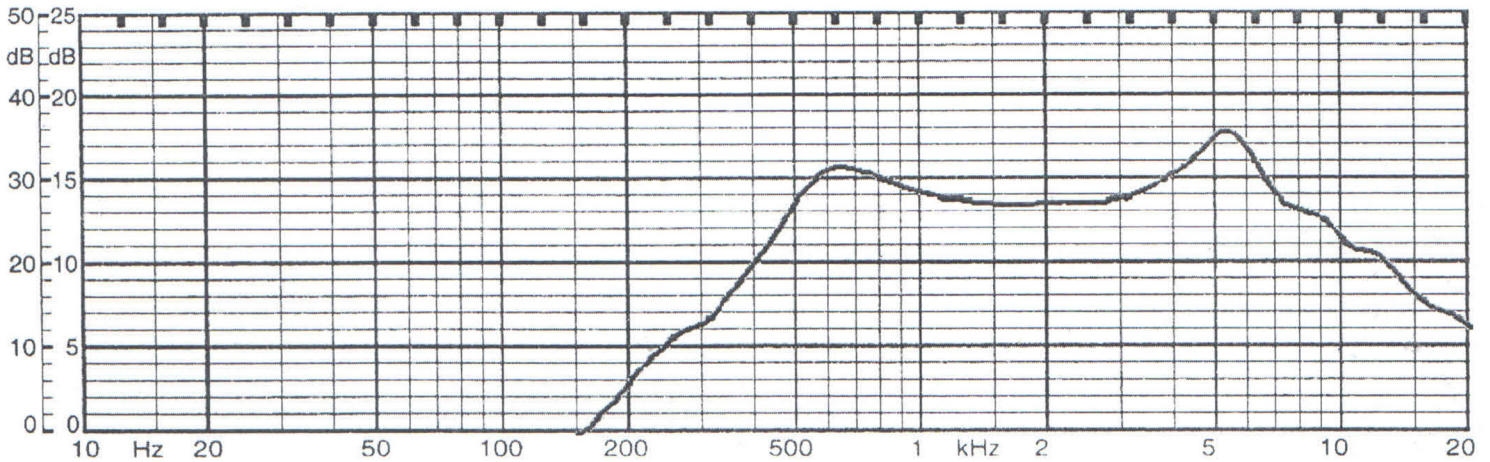
MECHANICAL DRAWING

units: mm
 tolerance: ± 0.3 mm
 wire: UL1007 28 AWG



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 | housing, frequency response, and resonant frequency changed | 06/20/2019 |
| 1.02 | brand update | 01/20/2020 |
| 1.03 | added glue over terminals | 10/23/2020 |
| 1.04 | 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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