Additional Resources: Product Page | 3D Model

# **CUI** DEVICES

**date** 05/20/2020

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MODEL: GC0351M-3 | DESCRIPTION: SPEAKER

#### **FEATURES**

- 16 x 35 mm
- rectangular frame
- 1.0 W
- 8 Ω
- neodymium magnet
- cloth cone
- open mounting holes





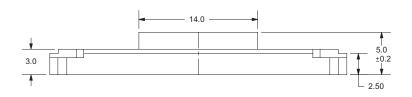
#### **SPECIFICATIONS**

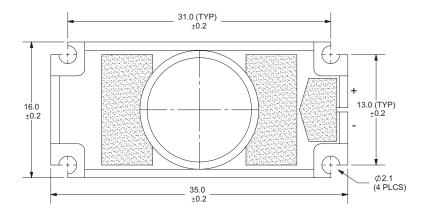
| parameter               | conditions/description                         | min | typ | max    | units |
|-------------------------|--|-----|-----|--------|-------|
| input power             |  |     | 1.0 | 1.5    | W     |
| impedance               | at 1.5 kHz, 1.0 V                              | 6.8 | 8   | 9.2    | Ω     |
| resonant frequency (Fo) | at 1.0 V                                       | 520 | 650 | 780    | Hz    |
| frequency response      |  | Fo  |     | 20,000 | Hz    |
| sound pressure level    | at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz | 80  | 83  | 86     | dB    |
| buzz, rattle, etc.      | must be normal at sine wave                    |     |     | 2.9    | V     |
| dimensions              | 35 x 16 x 5                                    |     |     |        | mm    |
| magnet                  | Nd-Fe-B  |     |     |        |       |
| cone material           | cloth  |     |     |        |       |
| terminal                | solder pads                                    |     |     |        |       |
| weight                  |  |     | 2.6 |        | g     |
| operating temperature   |  | -25 |     | 60     | °C    |
| hand soldering          | for maximum 3 seconds                          | 340 | 350 | 360    | °C    |
| RoHS                    | yes  |     |     |        |       |

### **MECHANICAL DRAWING**

units: mm

tolerance: ±0.2 mm

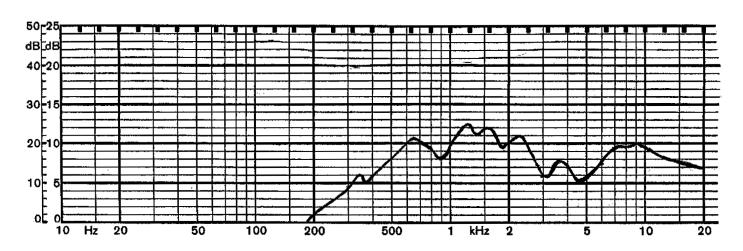






## **FREQUENCY RESPONSE CURVE**

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



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CUI Devices | MODEL: GC0351M-3 | DESCRIPTION: SPEAKER date 05/20/2020 | page 3 of 3

#### **REVISION HISTORY**

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 03/01/2009 |
| 1.01 | brand update    | 05/20/2020 |

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

# **CUI** DEVICES

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

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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