



MODEL: GF0876M

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DESCRIPTION: SPEAKER

FEATURES

- 87 mm
- square frame
- 12.0 W
- 8  $\Omega$
- ferrite magnet
- PET cone

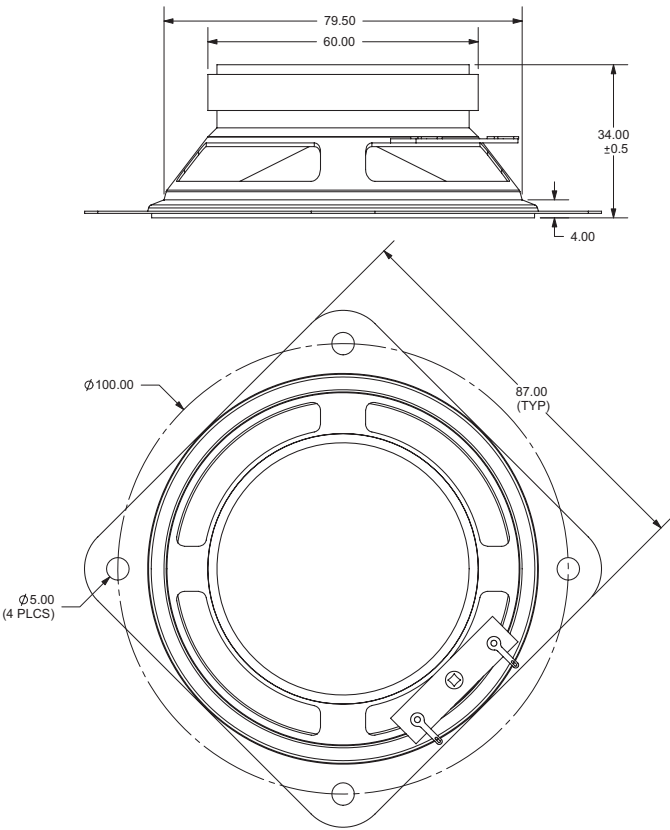


SPECIFICATIONS

| parameter               | conditions/description                         | min | typ | max    | units              |
|-------------------------|------------------------------------------------|-----|-----|--------|--------------------|
| input power             |                                                |     | 12  | 15     | W                  |
| impedance               | at 0.8 kHz, 1.0 V                              | 6.8 | 8   | 9.2    | $\Omega$           |
| resonant frequency [Fo] | at 1.0 V                                       | 464 | 580 | 696    | Hz                 |
| frequency response      |                                                | Fo  |     | 15,000 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg at 1.0, 1.3, 1.5, 2.0 kHz | 94  | 97  | 100    | dB                 |
| buzz, rattle, etc.      | must be normal at sine wave                    |     |     | 9.8    | V                  |
| dimensions              | 87 x 87 x 34                                   |     |     |        | mm                 |
| magnet                  | ferrite                                        |     |     |        |                    |
| cone material           | PET                                            |     |     |        |                    |
| terminal                | solder eyelets                                 |     |     |        |                    |
| weight                  |                                                |     | 240 |        | g                  |
| operating temperature   |                                                | -25 |     | 60     | $^{\circ}\text{C}$ |
| hand soldering          | for maximum 5 seconds                          | 400 | 420 | 440    | $^{\circ}\text{C}$ |
| RoHS                    | yes                                            |     |     |        |                    |

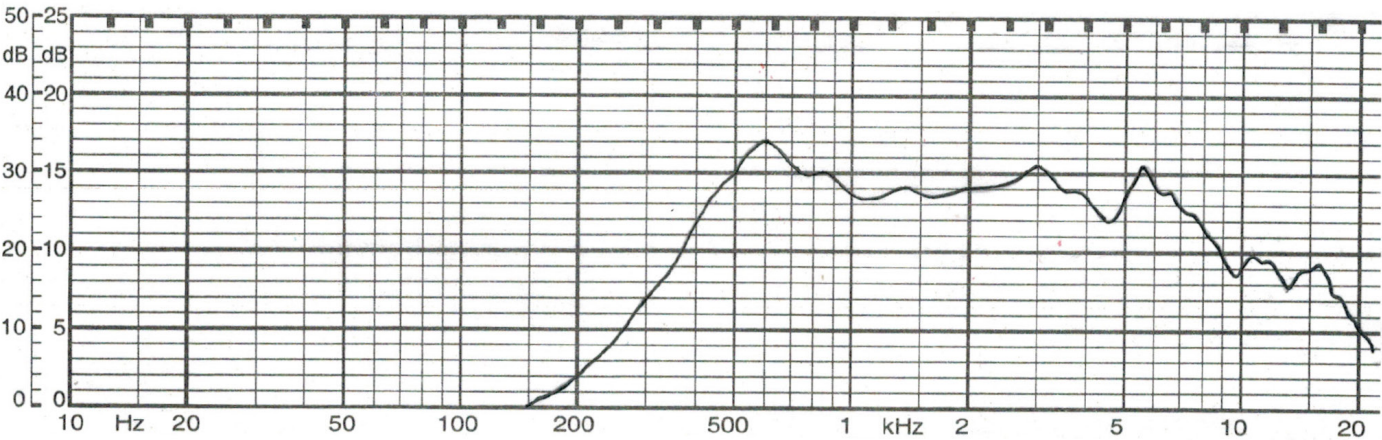
MECHANICAL DRAWING

units: mm  
tolerance: ±0.8 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            | 70 dB                  |



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 12/20/2006 |
| 1.01 | updated datasheet                 | 07/30/2019 |
| 1.02 | brand update                      | 06/17/2020 |
| 1.03 | logo, datasheet style update      | 08/05/2022 |
| 1.04 | CUI Devices rebranded to Same Sky | 09/11/2024 |

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



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

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