



MODEL: GF1004H | DESCRIPTION: SPEAKER

FEATURES

- 102 mm
- square frame
- 20.0 W
- 8  $\Omega$
- ferrite magnet
- paper cone

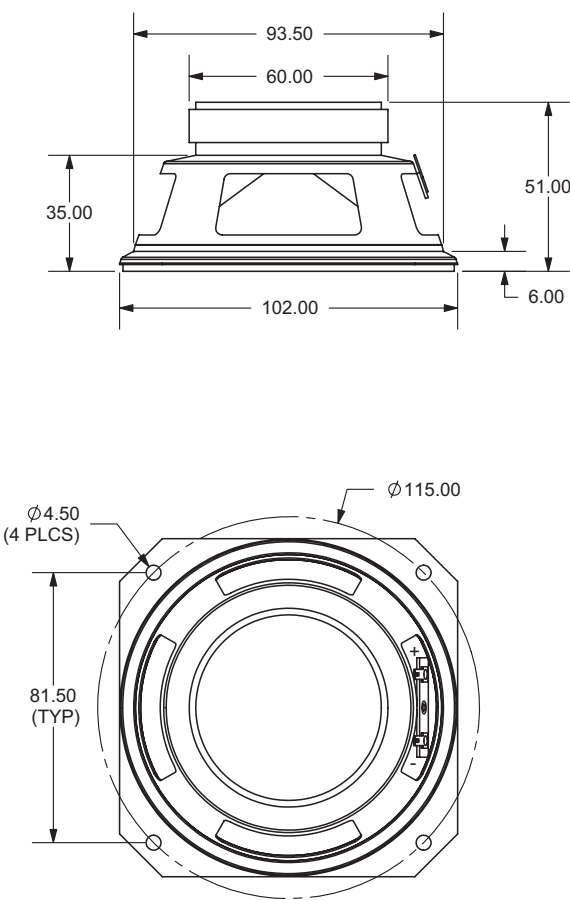


SPECIFICATIONS

| parameter               | conditions/description                         | min | typ   | max    | units              |
|-------------------------|------------------------------------------------|-----|-------|--------|--------------------|
| input power             |                                                |     | 20.0  | 40.0   | W                  |
| impedance               | at 0.8 kHz, 1.0 V                              | 6.8 | 8     | 9.2    | $\Omega$           |
| resonant frequency (Fo) | at 1.0 V                                       | 80  | 100   | 120    | Hz                 |
| frequency response      |                                                | Fo  |       | 10,000 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg at 0.3, 0.4, 0.5, 0.6 kHz | 87  | 90    | 93     | dB                 |
| buzz, rattle, etc.      | must be normal at sine wave                    |     |       | 10.0   | V                  |
| dimensions              | 102 x 102 x 51                                 |     |       |        | mm                 |
| magnet                  | ferrite                                        |     |       |        |                    |
| cone material           | paper                                          |     |       |        |                    |
| terminal                | solder eyelets                                 |     |       |        |                    |
| weight                  |                                                |     | 284.0 |        | g                  |
| operating temperature   |                                                | -25 |       | 70     | $^{\circ}\text{C}$ |
| hand soldering          | for maximum 5 seconds                          | 400 | 420   | 440    | $^{\circ}\text{C}$ |
| RoHS                    | yes                                            |     |       |        |                    |

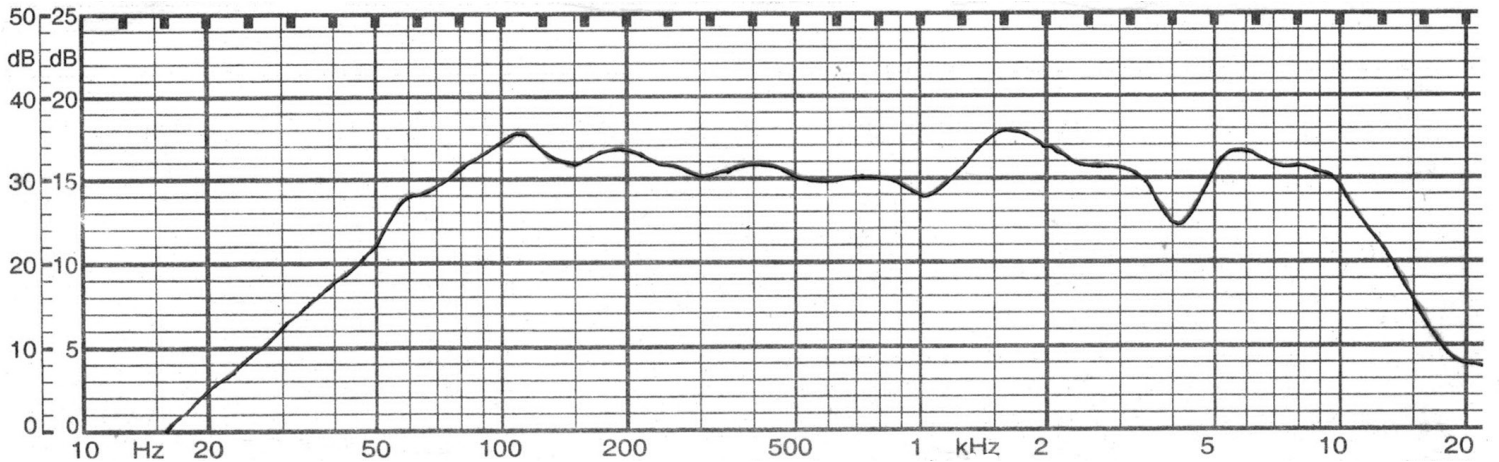
MECHANICAL DRAWING

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            | 60 dB                  |



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 09/18/2006 |
| 1.01 | brand update                      | 03/18/2020 |
| 1.02 | logo, datasheet style update      | 08/05/2022 |
| 1.03 | 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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