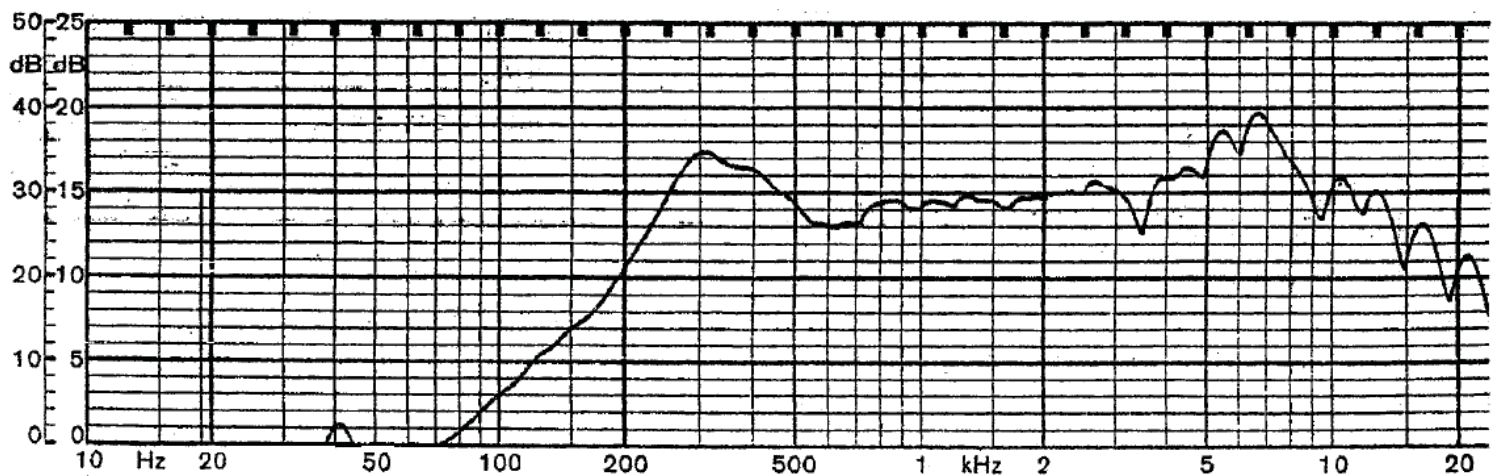


**MODEL:** GF0876 | **DESCRIPTION:** SPEAKER**SPECIFICATIONS**

| parameter             | conditions/description                 | min | typ | max    | units              |
|-----------------------|----------------------------------------|-----|-----|--------|--------------------|
| nominal size          |                                        |     | 87  |        | mm                 |
| impedance             | at 0.8 kHz, 1 V                        | 6.8 | 8   | 9.2    | $\Omega$           |
| resonant frequency    | at 1 V                                 | 232 | 290 | 348    | Hz                 |
| sound pressure level  | 1 W, 50 cm ave., at 1, 1.4, 1.7, 2 kHz | 96  | 99  | 102    | dB                 |
| response              | 10 dB max.                             | Fo  |     | 18,000 | Hz                 |
| input power           |                                        |     | 2   | 3      | W                  |
| operation             | must be normal at program source       |     | 2   |        | W                  |
| buzz, rattle, etc.    | must be normal at sine wave            |     | 4   |        | Vdc                |
| magnet                | size: 45 x 22 x 8                      |     |     |        | mm                 |
| operating temperature |                                        | -25 |     | 70     | $^{\circ}\text{C}$ |
| storage temperature   |                                        | -40 |     | 80     | $^{\circ}\text{C}$ |
| load test             | 24 hours of white noise                |     | 2   |        | W                  |
| heat test             | 20 ~ 50% RH for 24 hours               | 68  | 70  | 72     | $^{\circ}\text{C}$ |
| humidity test         | 90 ~ 95% RH for 24 hours               | 38  | 40  | 42     | $^{\circ}\text{C}$ |
| RoHS                  | yes                                    |     |     |        |                    |

**FREQUENCY RESPONSE CURVE**

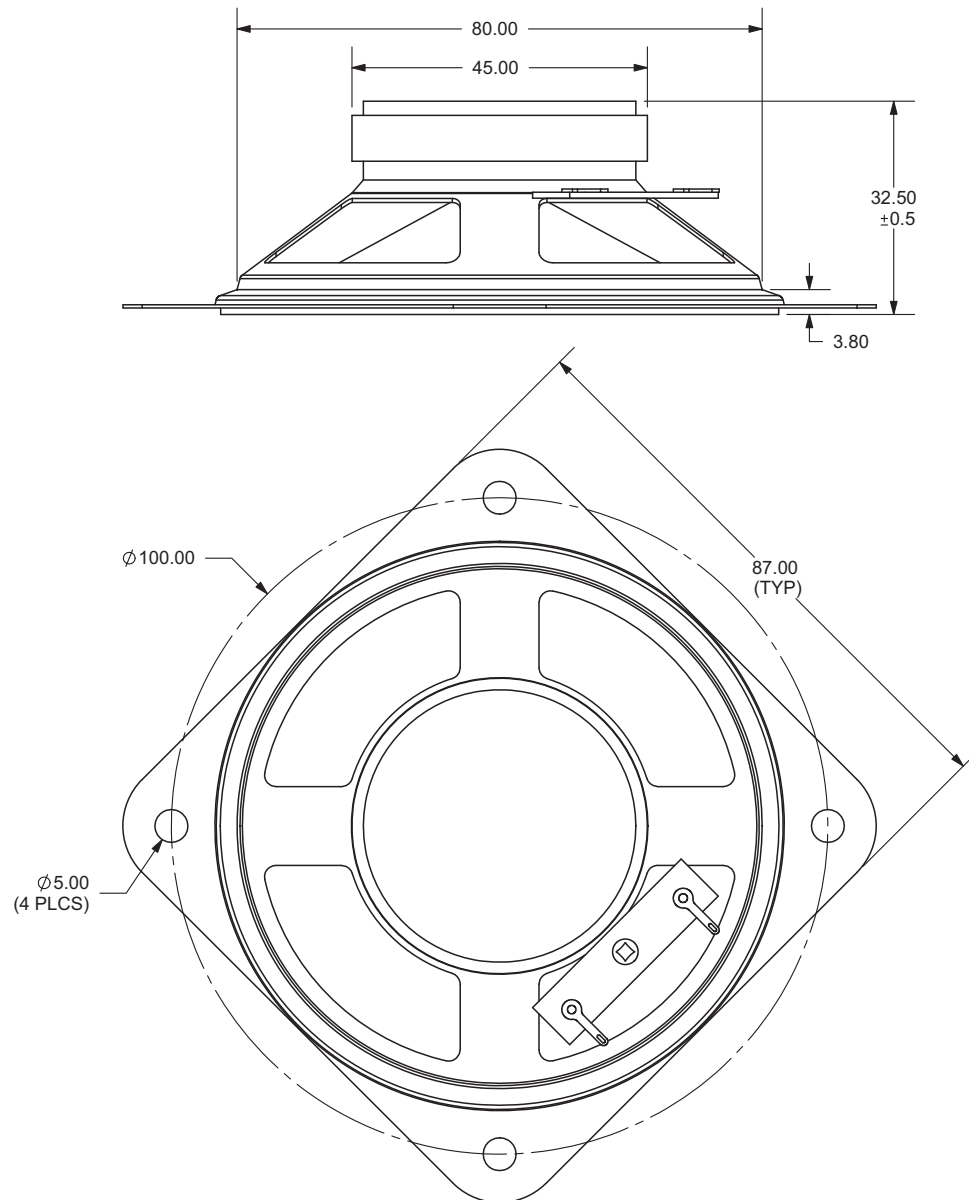
| parameter             | conditions/description |
|-----------------------|------------------------|
| potentiometer range   | 50 dB                  |
| rectifier             | RMS                    |
| lower limit frequency | 20 Hz                  |
| wr. speed             | 100 mm/sec             |
| zero level            | 70 dB                  |



## MECHANICAL DRAWING

units: mm

tolerance:  $\pm 0.5$  mm



## REVISION HISTORY

| rev. | description                                                       | date       |
|------|-------------------------------------------------------------------|------------|
| 1.0  | initial release                                                   | 09/18/2006 |
| 1.01 | applied new spec template, added operating & storage temperatures | 05/16/2013 |

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



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

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