

**MODEL:** CMS0201KLX | **DESCRIPTION:** SPEAKER**FEATURES**

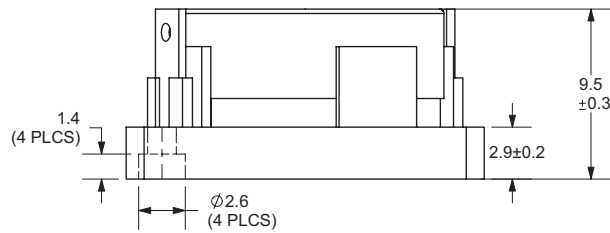
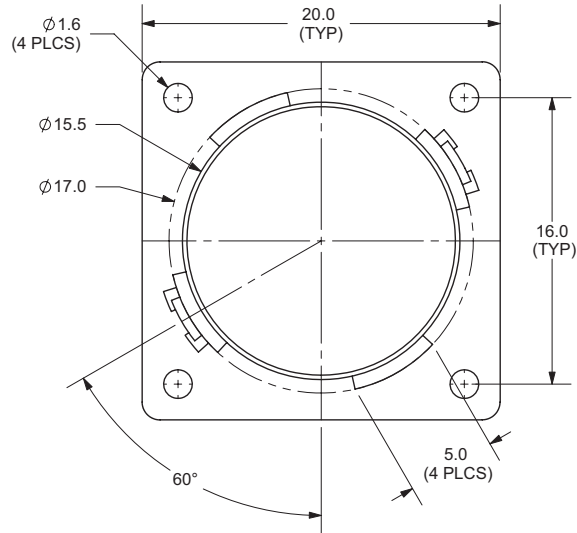
- 20 mm
- square frame
- 2.0 W
- 8  $\Omega$
- neodymium magnet
- paper cone

**SPECIFICATIONS**

| parameter               | conditions/description                         | min | typ | max    | units              |
|-------------------------|--|-----|-----|--------|--------------------|
| input power             |  |     | 2.0 | 4.0    | W                  |
| impedance               | at 1.0 kHz, 1.0 V                              | 6.8 | 8   | 9.2    | $\Omega$           |
| resonant frequency (Fo) | at 1.0 V                                       | 640 | 800 | 960    | Hz                 |
| frequency response      |  | Fo  |     | 20,000 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg at 1.0, 1.2, 1.5, 2.0 kHz | 77  | 80  | 83     | dB                 |
| buzz, rattle, etc.      | must be normal at sine wave                    |     |     | 4      | V                  |
| dimensions              | 20 x 20 x 9.5                                  |     |     |        | mm                 |
| magnet                  | Nd-Fe-B  |     |     |        |                    |
| cone material           | paper  |     |     |        |                    |
| terminal                | solder eyelets                                 |     |     |        |                    |
| weight                  |  |     | 6.5 |        | g                  |
| operating temperature   |  | -25 |     | 60     | $^{\circ}\text{C}$ |
| hand soldering          | for maximum 3 seconds                          | 340 | 350 | 360    | $^{\circ}\text{C}$ |
| RoHS                    | yes  |     |     |        |                    |

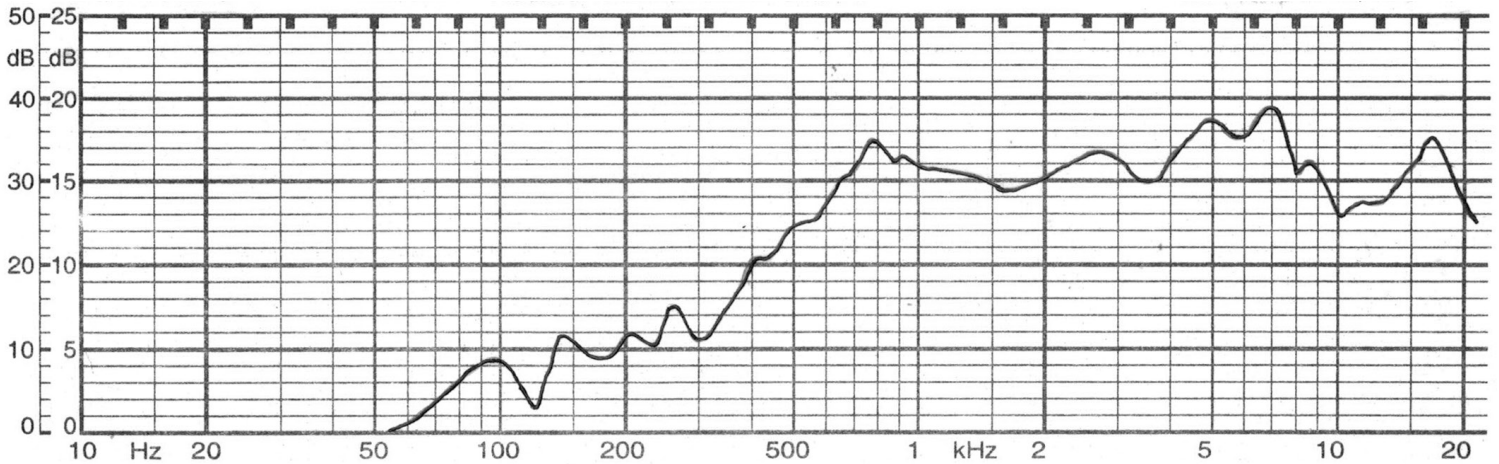
## MECHANICAL DRAWING

units: mm



## FREQUENCY RESPONSE CURVE

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



## REVISION HISTORY

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| rev. | description                                  | date       |
|------|--|------------|
| 1.0  | initial release                              | 07/25/2007 |
| 1.01 | base thickness changed from 3.0 mm to 2.9 mm | 05/06/2008 |
| 1.02 | updated datasheet                            | 02/01/2010 |
| 1.03 | brand update                                 | 06/04/2020 |

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

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