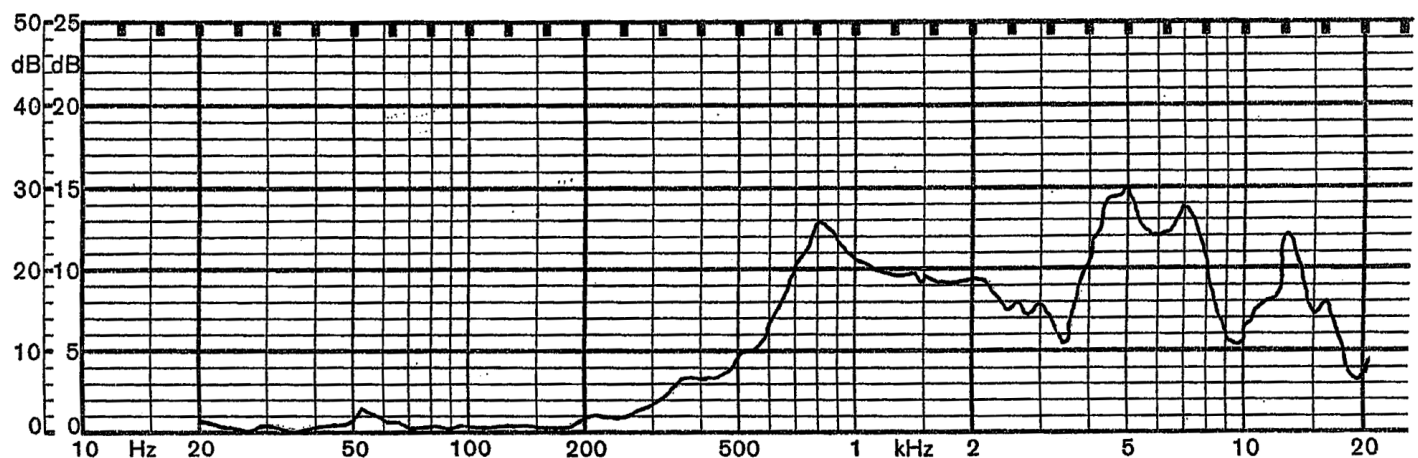


**Specifications**

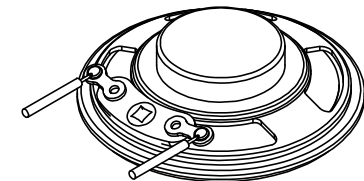
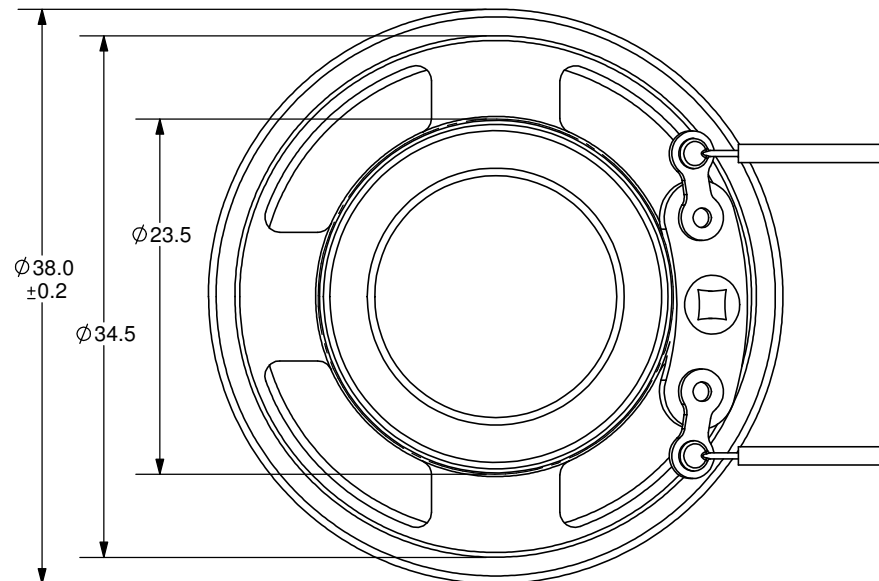
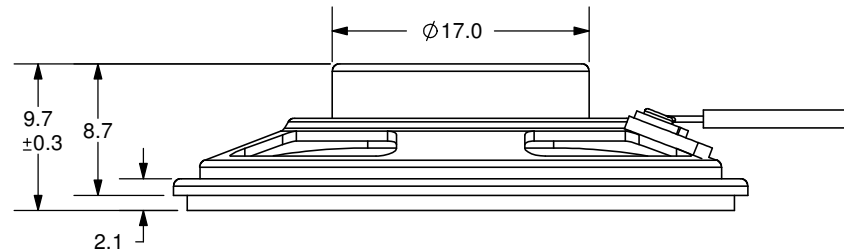
|                      |                                        |                                           |
|----------------------|----------------------------------------|-------------------------------------------|
| Nominal Size         | 38 mm                                  | 1 ½ inch.                                 |
| Impedance            | 8 Ohm $\pm$ 15%                        | at 0.8 KHz 1 V                            |
| Resonant frequency   | 800 Hz $\pm$ 160 Hz                    | at 1 V                                    |
| Sound pressure level | 80 dB/w $\pm$ 3 dB                     | 0.2 w 50 cm ave. at 1K, 1.3K, 1.7K, 2K Hz |
| Response             | Fo Hz ~ 3.4 KHz max 10 dB              |                                           |
| Input power          | Nominal 0.2 W                          | Handling capacity 0.4 W                   |
| Operation            | must be normal at program source 0.2 W |                                           |
| Buzz, rattle, etc.   | must be normal at sine wave 1.26 V     |                                           |
| Magnet               | Size: 12.5 x 1.5 mm                    |                                           |
| Load test            | White noise 0.2 W                      | for 5 hours                               |
| Heat test            | 65 $\pm$ 2° C                          | 20-50% R.H. 5 hours                       |
| Humidity test        | 40 $\pm$ 2° C                          | 90-95% R.H. 5 hours                       |

**Frequency Response Curve**

|                       |            |
|-----------------------|------------|
| Potentiometer range   | 50 dB      |
| Rectifier             | RMS        |
| Lower limit frequency | 20 Hz      |
| Wr. speed             | 100 mm/sec |

Zero level 60 dB

| REV. | DESCRIPTION | DATE     |
|------|-------------|----------|
| A    | NEW DRAWING | 7/3/2007 |



SCALE 1:1

SPECIFICATIONS:  
WIRE: UL1007, #28AWG  
LENGTH: 152mm

TOLERANCE:  
±0.5mm UNLESS OTHERWISE  
SPECIFIED



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Fax: 503-612-2383  
Website: www.cui.com

|                            |                    |            |
|----------------------------|--------------------|------------|
| TITLE: LOW PROFILE SPEAKER |                    | REV: A     |
| PART NO. CLS0381M-L152     | UNITS: MM [INCHES] |            |
| DRAWN BY: ZRJ              | APPROVED BY:       | SCALE: 2:1 |

PC FILE NAME:  
CLS0381M-L152

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