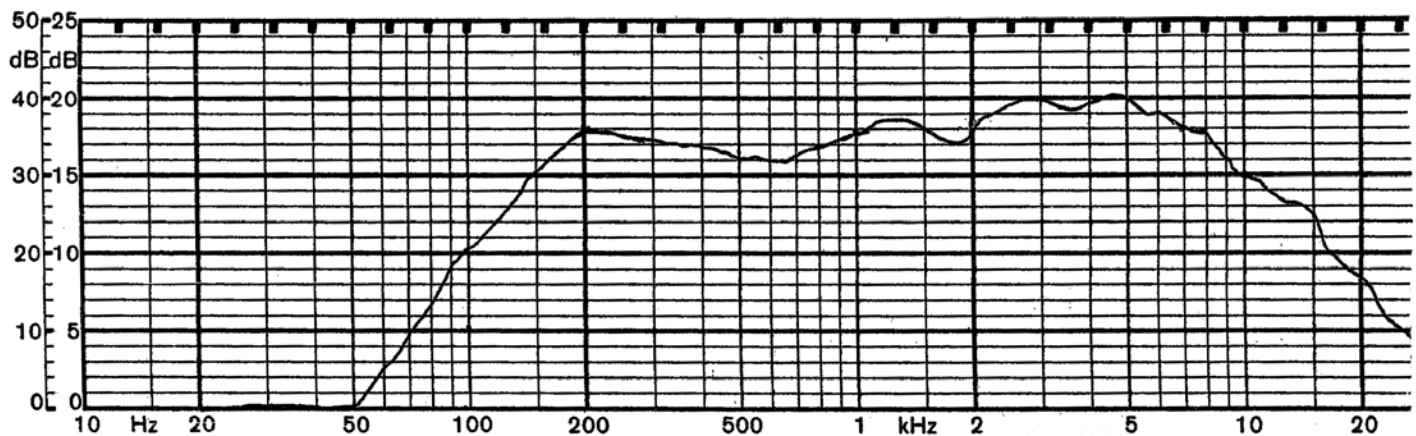


**CUI INC****Part No: GF1004M****Description: speaker****Date: 9/20/2006****Unit: mm****Page No: 1 of 2****Specifications**

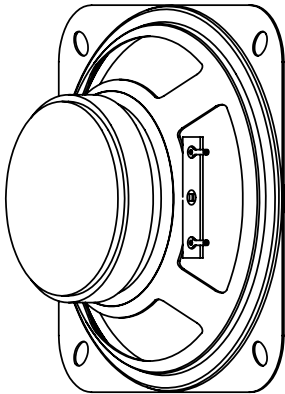
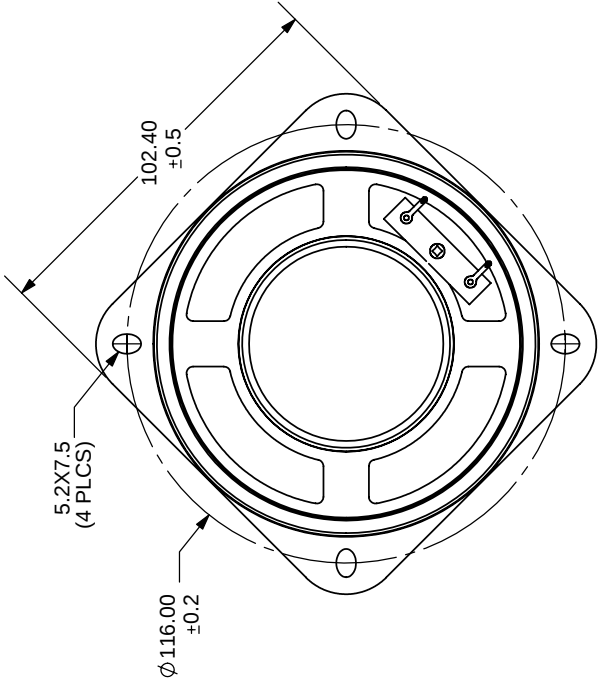
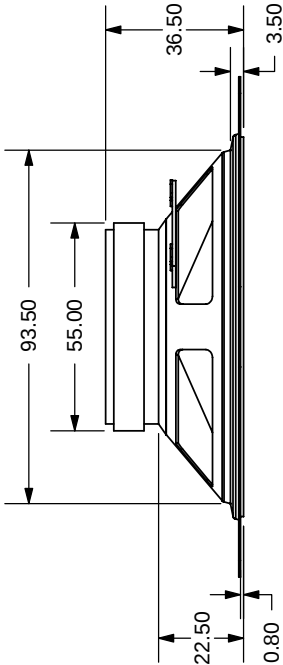
|                      |                                      |                                             |
|----------------------|--------------------------------------|---------------------------------------------|
| Nominal Size         | 102 mm (4.00 in)                     | (See attached drawing)                      |
| Impedance            | 8 Ohm $\pm$ 15%                      | at 600 Hz 1 V                               |
| Resonant frequency   | 230 Hz $\pm$ 46 Hz                   | at 1 V                                      |
| Sound pressure level | 93 dB/w $\pm$ 2 dB                   | 1 w 50 cm ave. at 0.4K, 0.5K, 0.6K, 0.8K Hz |
| Response             | Fo Hz ~ 14 KHz max 10 dB             |                                             |
| Input power          | Nominal 6 W                          | Handling capacity 10 W                      |
| Operation            | must be normal at program source 6 W |                                             |
| Buzz, rattle, etc.   | must be normal at sine wave 6.9 V    |                                             |
| Magnet               | Size: 55 x 25 x 8 mm                 |                                             |
| Load test            | White noise 6 W                      | for 48 hours                                |
| Heat test            | 70 $\pm$ 2° C                        | 20-50% R.H. 48 hours                        |
| Humidity test        | 40 $\pm$ 2° C                        | 90-95% R.H. 48 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 | 8/8/2006 |



TOLERANCE:  
±0.5mm UNLESS OTHERWISE  
SPECIFIED



20050 SW 112th Ave.  
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800-275-4899  
Fax: 503-372-1266  
Website: [www.cui.com](http://www.cui.com)

|           |                                          |              |             |
|-----------|------------------------------------------|--------------|-------------|
| TITLE:    | Square frame mylar cone - ferrite magnet | REV:         | A           |
| PART NO:  | GF1004M                                  | UNITS:       | MM [INCHES] |
| DRAWN BY: | ZRJ                                      | APPROVED BY: |             |
|           |                                          | SCALE:       | 1:2         |

# AMEYA360

Components Supply Platform

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