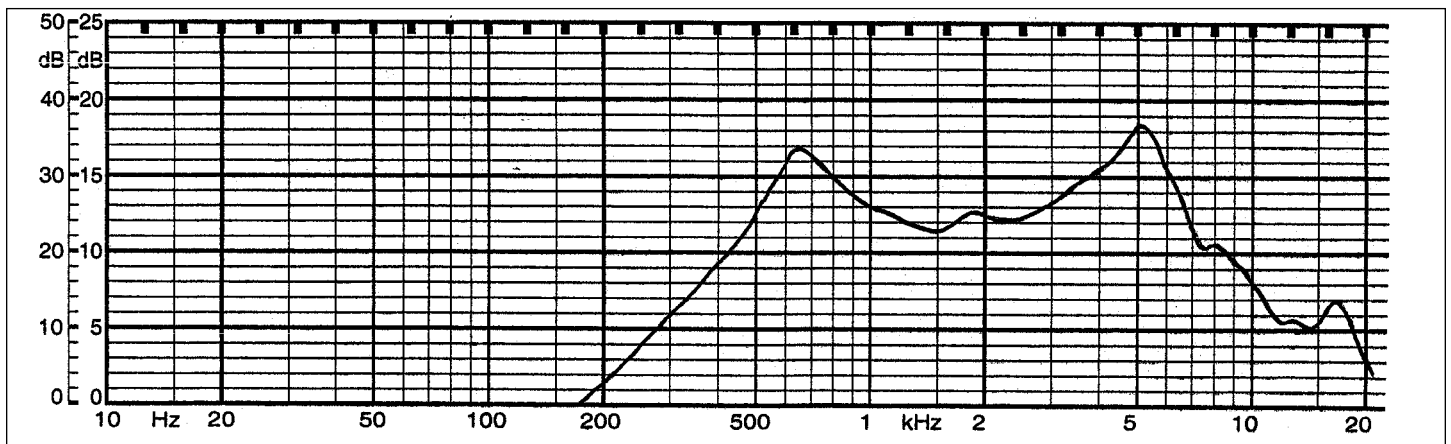


**PART NUMBER:** GC0402MA**DESCRIPTION:** speaker**SPECIFICATIONS**

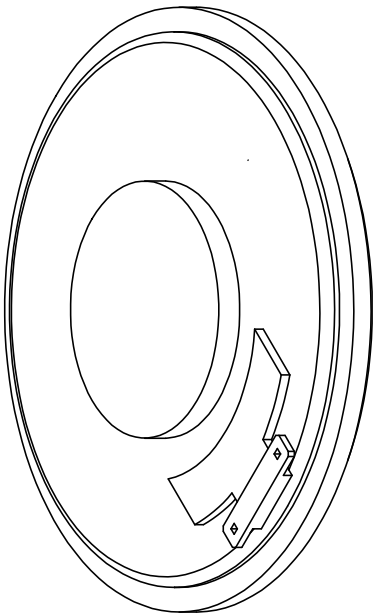
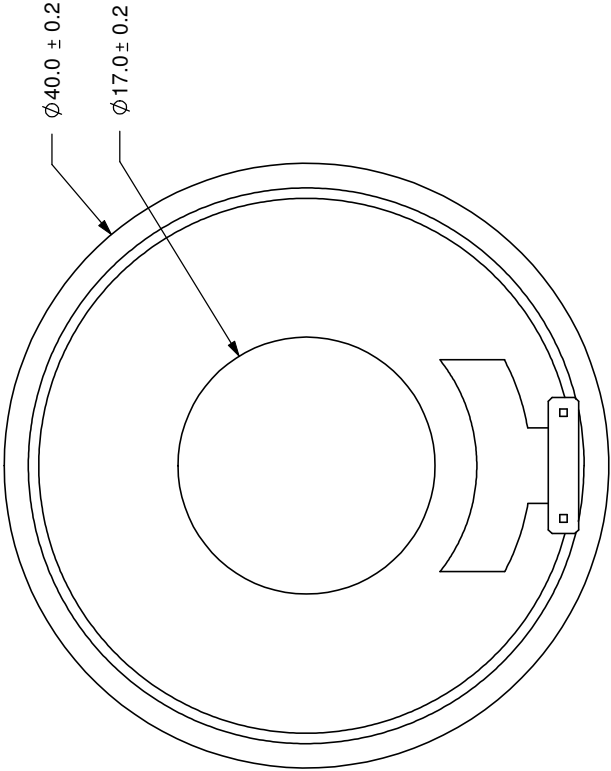
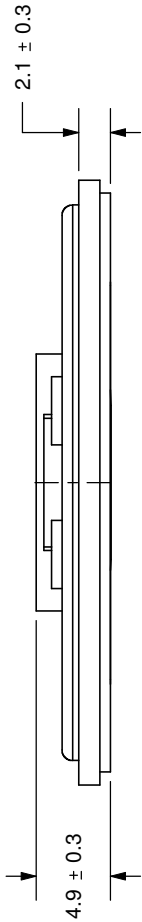
|                      |                                        |                   |                            |
|----------------------|----------------------------------------|-------------------|----------------------------|
| nominal size         | 40 mm                                  |                   |                            |
| impedance            | 8 Ohm $\pm$ 15%                        | at                | 1 KHz 1 V                  |
| resonant frequency   | 580 Hz $\pm$ 116 Hz                    | at                | 1 V                        |
| sound pressure level | 96 dB/w $\pm$ 3 dB                     | 1 w 50 cm ave.    | at 0.8K, 1K, 1.2K, 1.5K Hz |
| response             | Fo Hz ~ 20 KHz max 10 dB               |                   |                            |
| input power          | nominal 0.5 W                          | handling capacity | 1 W                        |
| operation            | must be normal at program source 0.5 W |                   |                            |
| buzz, rattle, etc.   | must be normal at sine wave 2 V        |                   |                            |
| magnet               | size: 12.5 x 1.5 mm                    |                   |                            |
| load test            | white noise                            | 0.5 W for         | 24 hours                   |
| heat test            | 60 $\pm$ 2° C                          | 20-50% R.H.       | 24 hours                   |
| humidity test        | 40 $\pm$ 2° C                          | 90-95% R.H.       | 24 hours                   |

**FREQUENCY RESPONSE CURVE**

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

zero level 70 dB

| REV. | DESCRIPTION | DATE      |
|------|-------------|-----------|
| A    | NEW DRAWING | 7/10/2008 |



20050 SW 112th Ave.  
Tualatin, OR 97062  
Phone: 503-612-2300  
800-275-4899  
Fax: 503-612-2383  
Website: [www.cui.com](http://www.cui.com)

|                                     |                    |
|-------------------------------------|--------------------|
| TITLE: LOW PROFILE NOTEBOOK SPEAKER | REV: A             |
| PART NO: GC0402MA                   | UNITS: MM [INCHES] |
| DRAWN BY: JMS                       | APPROVED BY:       |
|                                     | SCALE: 2:1         |

# AMEYA360

Components Supply Platform

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Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct    +86 (21) 6401-6692  
Email     amall@ameya360.com  
QQ        800077892  
Skype     ameyasales1 ameyasales2

➤ Customer Service :

Email     service@ameya360.com

➤ Partnership :

Tel        +86 (21) 64016692-8333  
Email     mkt@ameya360.com