



page 1 of 2  
date 12/31/2008

**PART NUMBER:** GC0401K

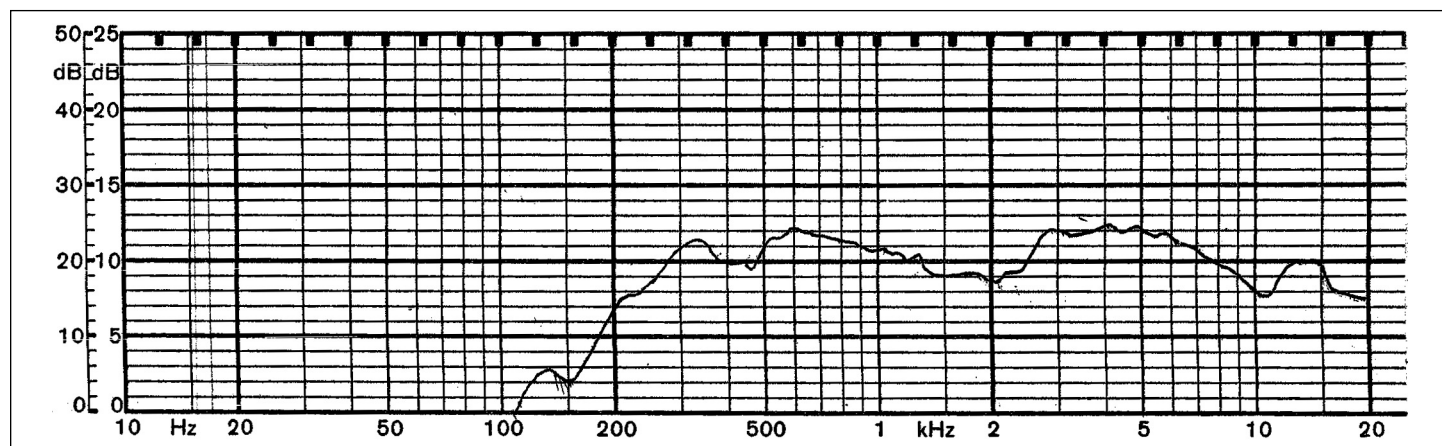
**DESCRIPTION:** speaker

## SPECIFICATIONS

|                      |                                      |                                               |             |
|----------------------|--------------------------------------|-----------------------------------------------|-------------|
| nominal size         | 28.5 x 40 mm                         |                                               |             |
| impedance            | 8 Ohm ± 15%                          | at                                            | 1.5 kHz 1 V |
| resonant frequency   | 390 Hz ± 78 Hz                       | at                                            | 1 V         |
| sound pressure level | 82 dB/W ± 3 dB                       | 1 W 50 cm ave. at 0.6 k, 0.8 k, 1 k, 1.2 k Hz |             |
| response             | Fo Hz ~ 20 kHz max 10 dB             |                                               |             |
| input power          | nominal 1 W                          | handling capacity                             | 2 W         |
| operation            | must be normal at program source 1 W |                                               |             |
| buzz, rattle, etc.   | must be normal at sine wave 2.83 V   |                                               |             |
| magnet               | size: 12.5 x 1.8 mm                  |                                               |             |
| load test            | white noise 1 W                      | for                                           | 24 hours    |
| heat test            | 65 ± 2° C                            | 20~50% R.H.                                   | 24 hours    |
| humidity test        | 40 ± 2° C                            | 90~95% R.H.                                   | 24 hours    |

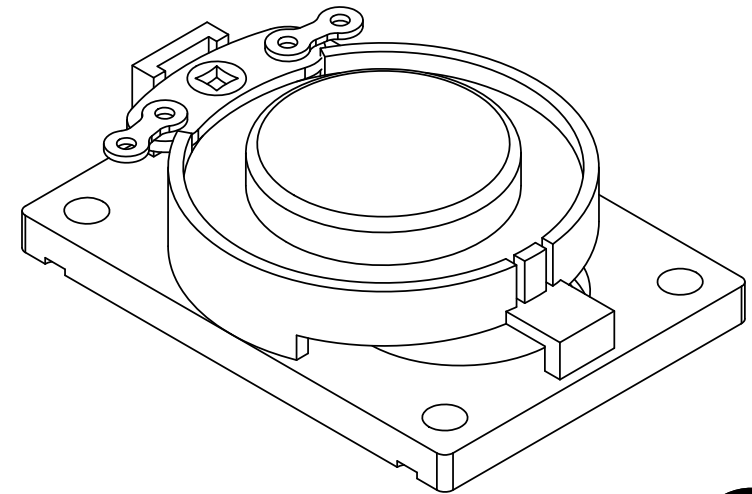
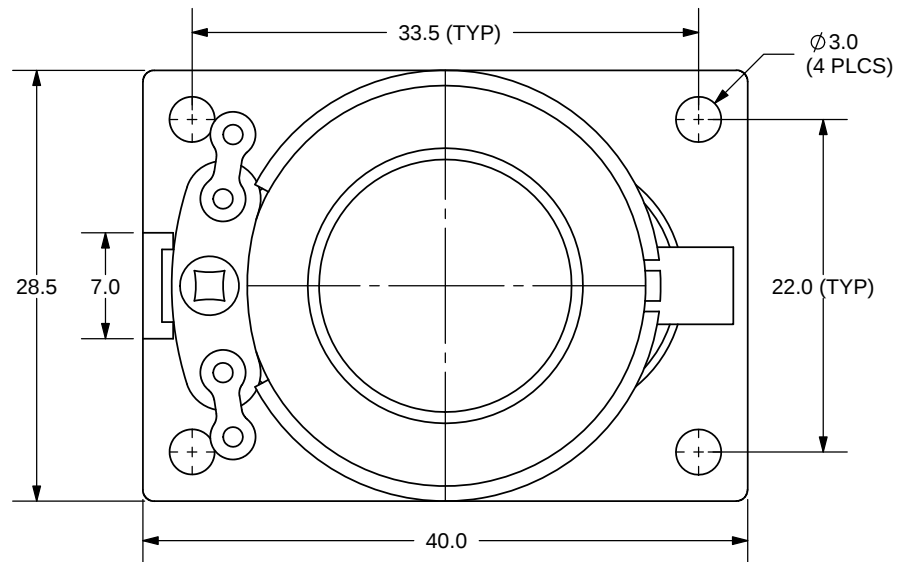
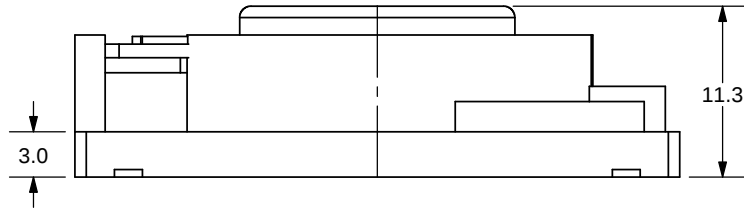
## FREQUENCY RESPONSE CURVE

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



zero level 60 dB

| REV. | DESCRIPTION | DATE     |
|------|-------------|----------|
| A    | NEW DRAWING | 6/4/2007 |



TOLERANCE:  
±0.5mm UNLESS OTHERWISE  
SPECIFIED



**CUI INC**

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

|                                     |              |                    |
|-------------------------------------|--------------|--------------------|
| TITLE: LOW PROFILE NOTEBOOK SPEAKER |              | REV: A             |
| PART NO. GC0401K                    |              | UNITS: MM [INCHES] |
| DRAWN BY: ZRJ                       | APPROVED BY: | SCALE: 2:1         |

PC FILE NAME:  
GC0401K

COPYRIGHT 2007 BY CUI INC.