



rev. A

page 1 of 2

date 04/2/2008

PART NUMBER: CLF0381MP-1

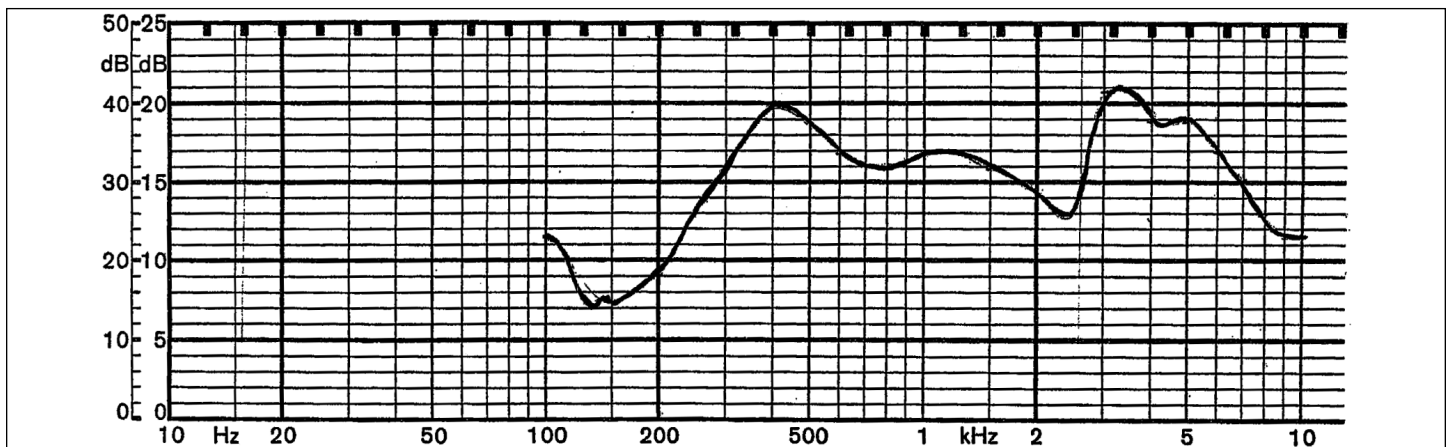
DESCRIPTION: speaker

## SPECIFICATIONS

|                      |                                         |                 |                            |
|----------------------|-----------------------------------------|-----------------|----------------------------|
| nominal size         | 38 mm                                   |                 |                            |
| impedance            | 8 Ohm $\pm$ 15%                         | at              | 1 KHz 1 V                  |
| resonant frequency   | 380 Hz $\pm$ 76 Hz                      | at              | 1 V                        |
| sound pressure level | 93 dB/w $\pm$ 3 dB                      | 0.1 w 5 cm ave. | at 0.6K, 0.8K, 1K, 1.2K Hz |
| response             | Fo Hz ~ 10 KHz                          | max             | 10 dB                      |
| input power          | nominal                                 | 0.25 W          | handling capacity 0.4 W    |
| operation            | must be normal at program source 0.25 W |                 |                            |
| buzz, rattle, etc.   | must be normal at sine wave 1.41 V      |                 |                            |
| magnet               | size: 27 x 17 x 3 mm                    |                 |                            |
| load test            | white noise                             | 0.25 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                   |

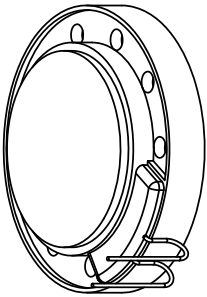
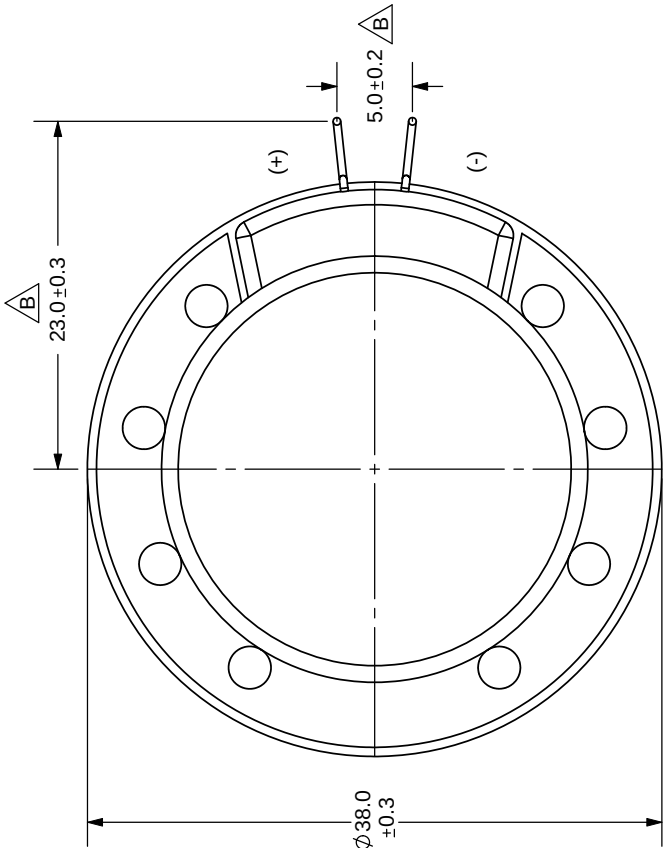
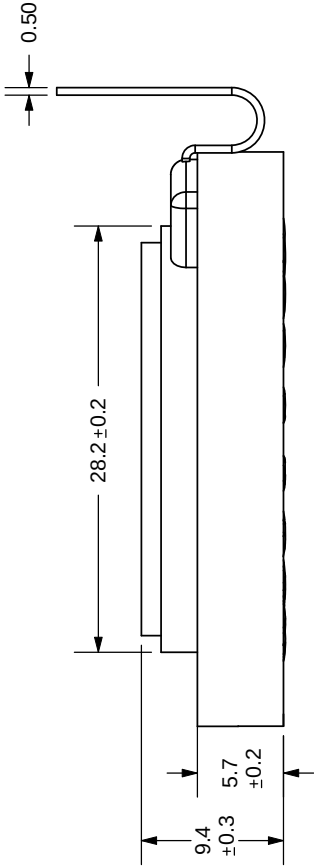
## FREQUENCY RESPONSE CURVE

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

zero level 60 dB

initial here \_\_\_\_\_

| REV. | DESCRIPTION      | DATE     |
|------|------------------|----------|
| A    | NEW DRAWING      | 7/3/2007 |
| B    | Added dimensions | 4/2/2008 |



SCALE 1:1



TOLERANCE:  
±0.5mm UNLESS OTHERWISE  
SPECIFIED



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|                            |                    |
|----------------------------|--------------------|
| TITLE: LOW PROFILE SPEAKER | REV: B             |
| PART NO. CLF0381MP-1       | UNITS: MM [INCHES] |
| DRAWN BY: ZRJ              | APPROVED BY:       |
|                            | SCALE: 2:1         |

# AMEYA360

Components Supply Platform

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