



Part No: CLS0501M-L152

Date: 7/03/2007

Unit: mm

Description: speaker

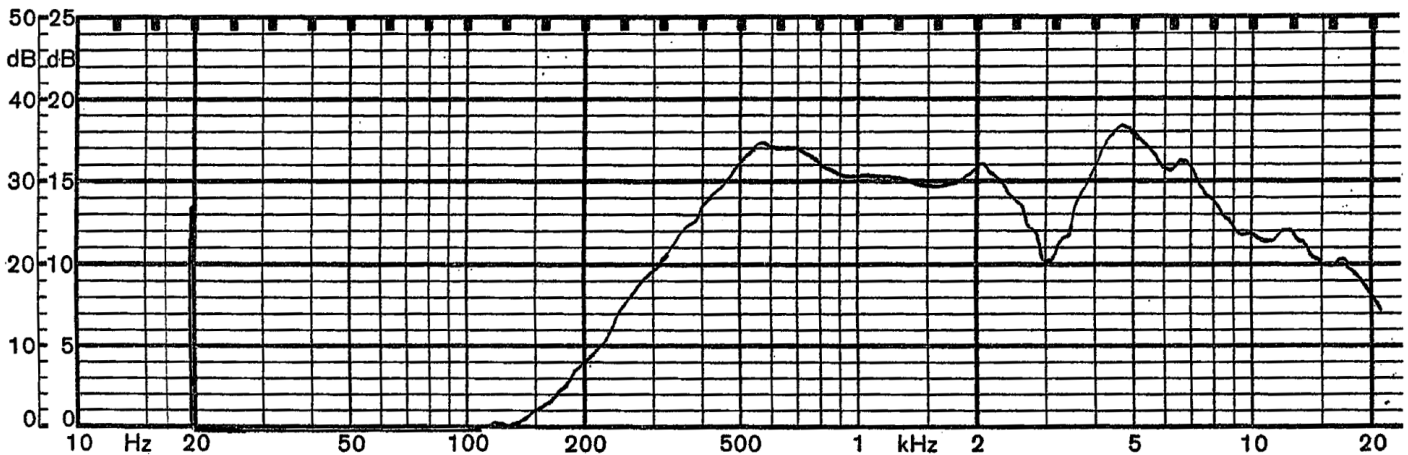
Page No: 1 of 2

Specifications

| | | |
|----------------------|--|---|
| Nominal Size | 50 mm | 2 inch. |
| Impedance | 8 Ohm \pm 15% | at 0.8 KHz 1 V |
| Resonant frequency | 550 Hz \pm 110 Hz | at 1 V |
| Sound pressure level | 80 dB/w \pm 3 dB | 0.2 w 50 cm ave at 0.9K, 1.2K, 1.5K, 1.8KHz |
| Response | Fo Hz ~ 13 KHz max 10 dB | |
| Input power | Nominal 0.2 W | Handling capacity 0.5 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 | 70 \pm 2° C | 20-50% R.H. 5 hours |
| Humidity test | 40 \pm 2° C | 90-95% R.H. 5 hours |

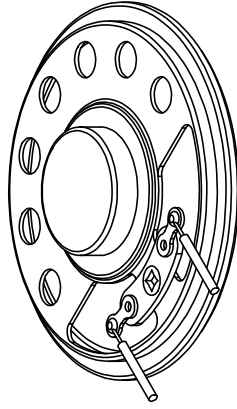
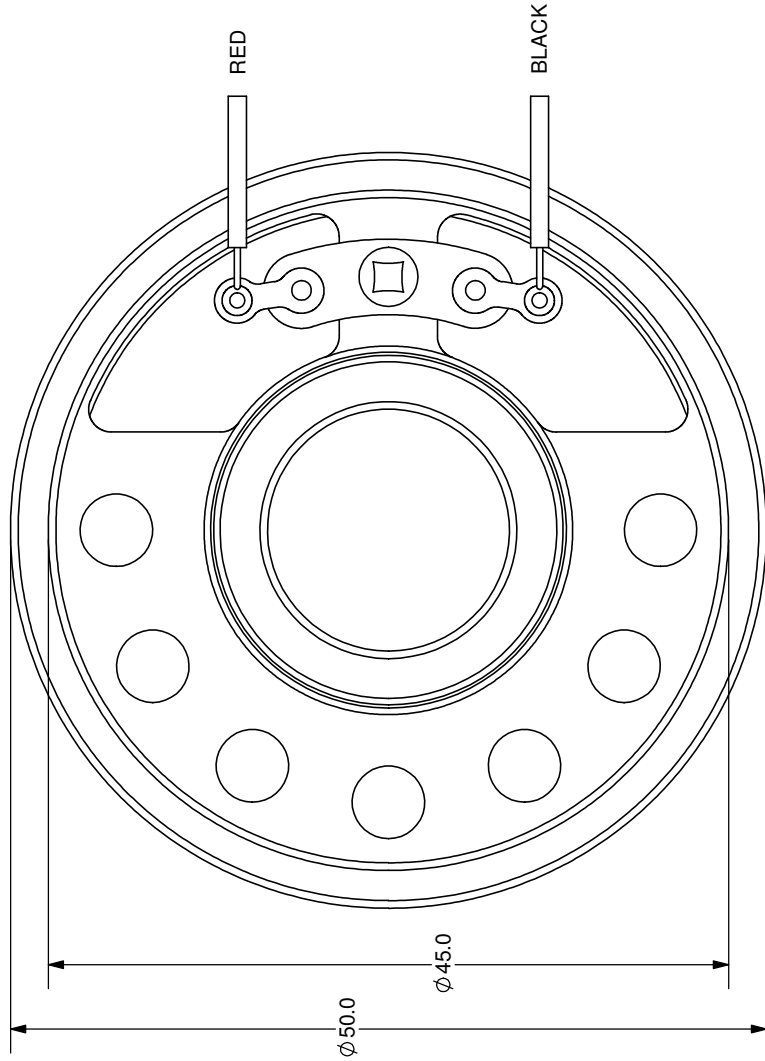
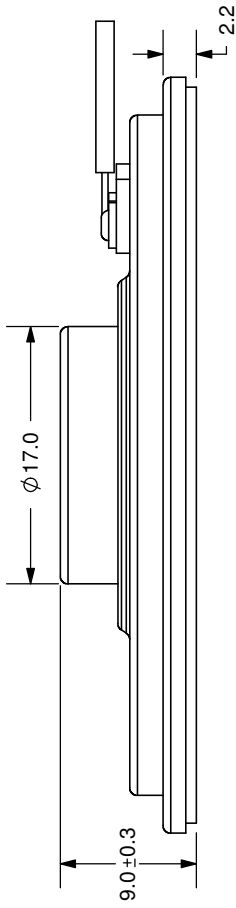
Frequency Response Curve

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



Zero level 50 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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| | | | |
|-----------|---------------------|--------------|-------------|
| TITLE: | LOW PROFILE SPEAKER | REV: | A |
| PART NO: | CLS0501M-L152 | UNITS: | MM [INCHES] |
| DRAWN BY: | ZRJ | APPROVED BY: | |
| | | SCALE: | 2:1 |