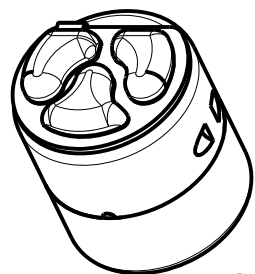
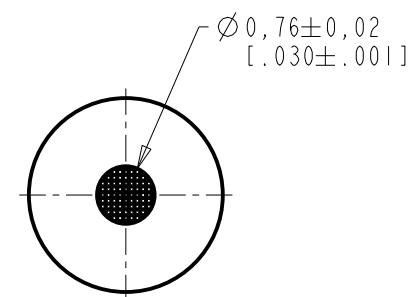
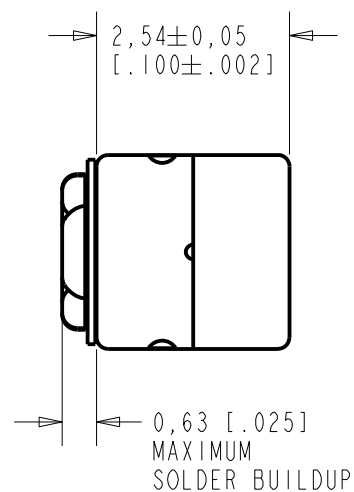
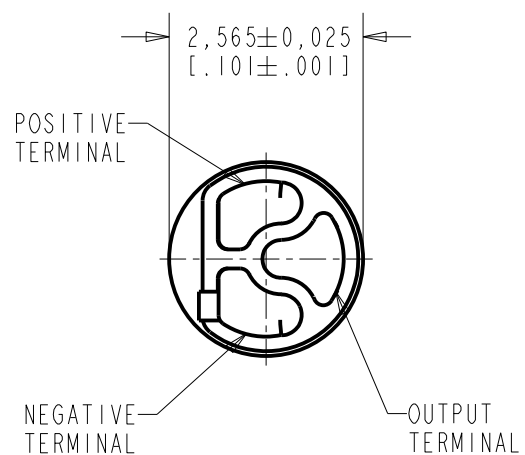


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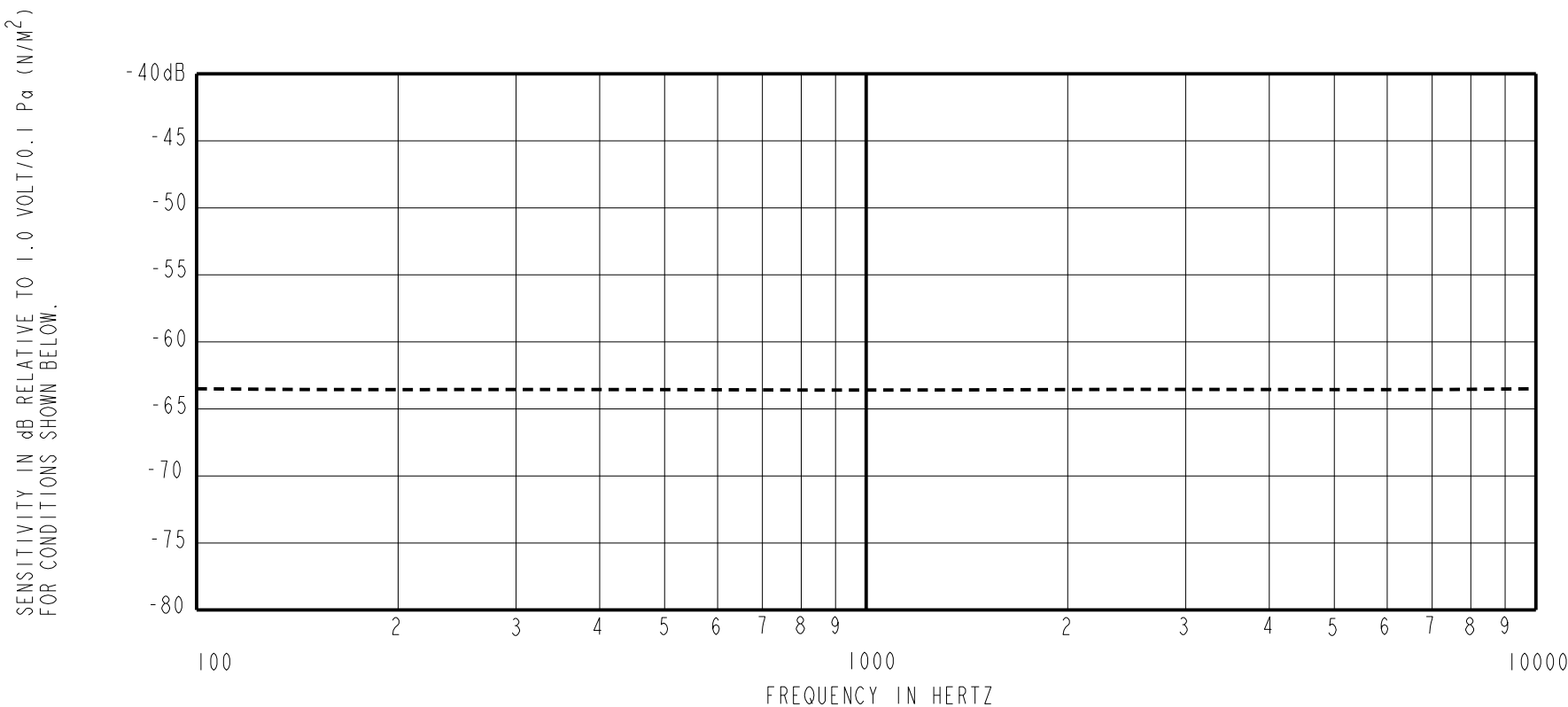
SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

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| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------------------|-----------|---------------------|---------------|----------|
| H | MI0105709 | 10-11-14 | Active | H |
| G | MI0104840 | 10-15-12 | | |
| SCALE: 10:1 | | | DR. BY | DATE |
| DO NOT SCALE DRAWING | | | MMM | 11-18-05 |
| TITLE: MICROPHONE | | | CK. BY | DATE |
| OUTLINE DRAWING | | | GJP | 11-22-05 |
| FC-23742-C05 | | | APP. BY | DATE |
| SHT 1.1 | | | GJP | 11-22-05 |



| FREQUENCY | SENSITIVITY | | | DEVICE CONFORMITY | |
|-----------|-------------|-------|-------|------------------------------|------|
| | MIN. | NOM. | MAX. | RANGE OF DEVIATION FROM 1KHz | |
| 100 | --- | -63.5 | --- | -3.0 | +3.0 |
| 1000 | -66.5 | -63.5 | -60.5 | 0.0 | 0.0 |
| 10000 | --- | -63.5 | --- | -3.0 | +3.0 |

- NOTES:
- 1. CASE CONNECTED TO NEGATIVE TERMINAL.
 - 2. MICROPHONE TO BE FUNCTIONAL WITH 1.6 VDC SUPPLY.
 - 3. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.06 dB/%RH
 - 4. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

| DC SUPPLY | AMPLIFIER CURRENT DRAIN | SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC | "A" WEIGHTED NOISE (1 kHz EQUIV. SPL) | OUTPUT IMPEDANCE OHMS | | |
|-----------|-------------------------|---|---------------------------------------|-----------------------|------|------|
| | | | | MIN. | NOM. | MAX. |
| 1.3V | 50 μA MAX. | 3 dB MAX. | 36.0 dB MAX. | 2800 | 4400 | 6800 |

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|----------|
| H | M10105709 | 10-11-14 | Active | H |
| G | M10104840 | 10-15-12 | | |

| | | | | |
|--|--|--|--------------|----------|
| WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION | | | DR. BY | DATE |
| | | | MMM | 11-18-05 |
| | | | CK. BY | DATE |
| | | | GJP | 11-22-05 |
| TITLE: MICROPHONE | | | FG-23742-C05 | |
| PERFORMANCE SPECIFICATION | | | SHT 2.1 | |
| | | | APP. BY | DATE |
| | | | GJP | 11-22-05 |

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