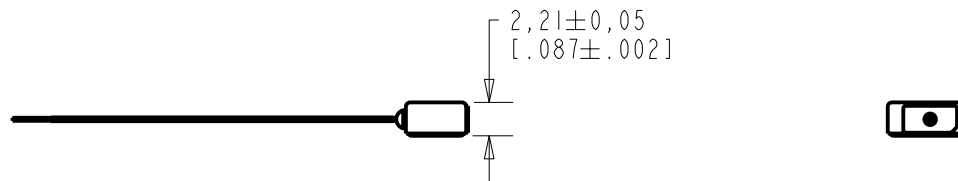
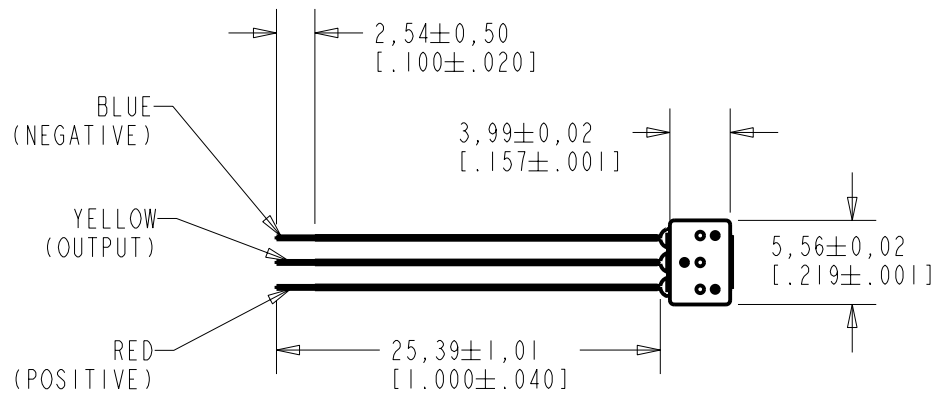


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SHT 1.1



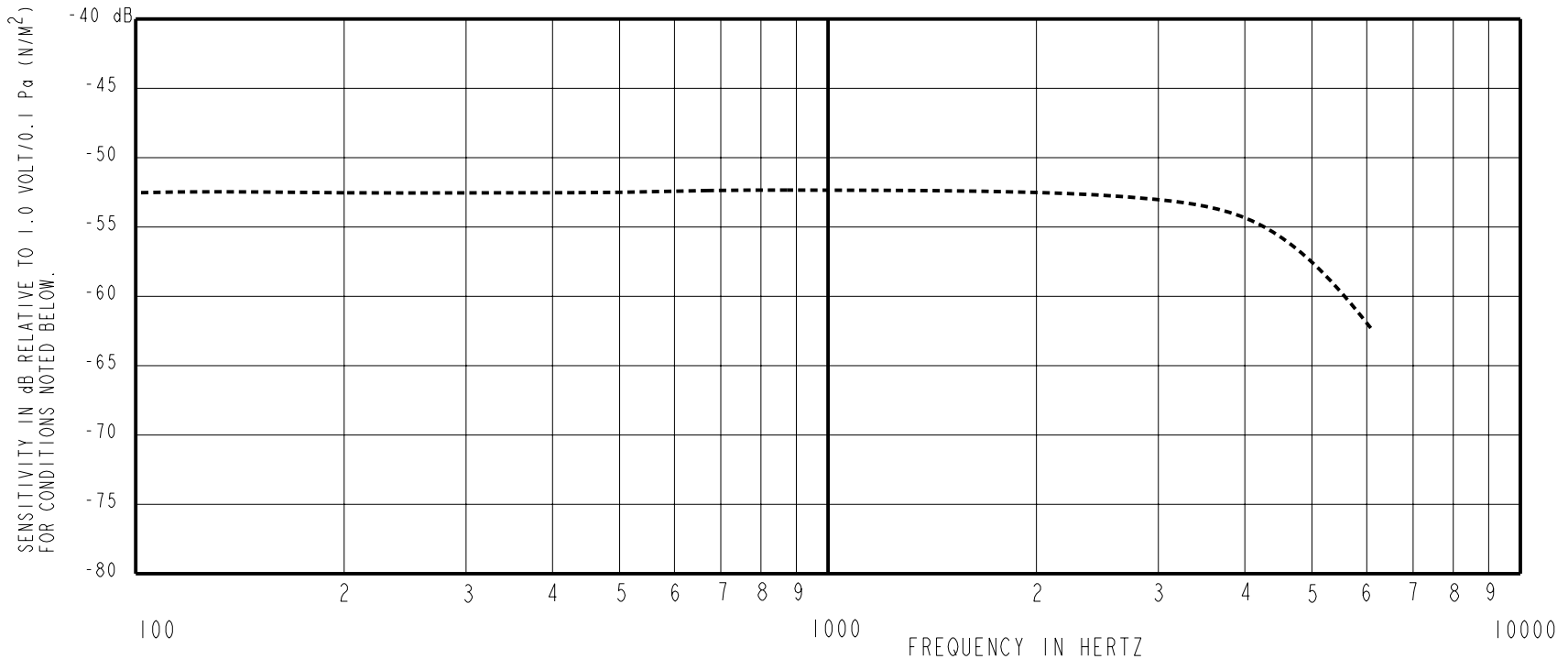
NOMINAL WEIGHT
.4 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

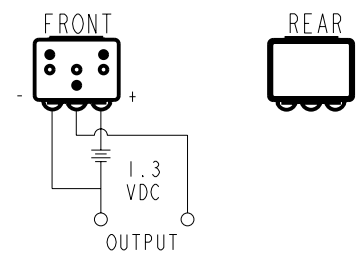
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| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|---------------------------|-----------|---------------------|---------------|----------|
| A | MI0101177 | 7-24-06 | Released | A |
| SCALE: 2:1 | | | DR. BY | DATE |
| DO NOT SCALE DRAWING | | | SDZ | 7-21-06 |
| TITLE: MICROPHONE & CABLE | | | CK. BY | DATE |
| OUTLINE DRAWING | | | GJP | 7-23-06 |
| WP-23502-P16 | | | APP. BY | DATE |
| SHT 1.1 | | | GJP | 7-23-06 |

WP-23502-P16
SHT 2.1



| FREQUENCY | SENSITIVITY | | | DEVICE CONFORMITY | |
|-----------|-------------|-------|-------|-------------------------------|------|
| | MIN. | NOM. | MAX. | RANGE OF DEVIATION FROM 1 KHz | |
| 100 | --- | -52.0 | --- | -2.0 | +2.0 |
| 1000 | -55.0 | -52.0 | -49.0 | 0.0 | 0.0 |
| 4000 | --- | -53.0 | --- | -4.0 | +2.0 |



- NOTES:
- CASE CONNECTED TO NEGATIVE TERMINAL.
 - MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
 - SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
 - MICROPHONE WILL SURVIVE SUBMERSION IN 3M OF WATER.

| DC SUPPLY | AMPLIFIER CURRENT DRAIN | OUTPUT IMPEDANCE OHMS | | |
|-----------|-------------------------|-----------------------|------|------|
| | | MIN. | NOM. | MAX. |
| 1.3V | 50 uA MAX. | 2800 | 4400 | 6800 |

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|----------|
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| SHT 2.1 | | APP. BY | DATE |
| | | GJP | 7-23-06 |