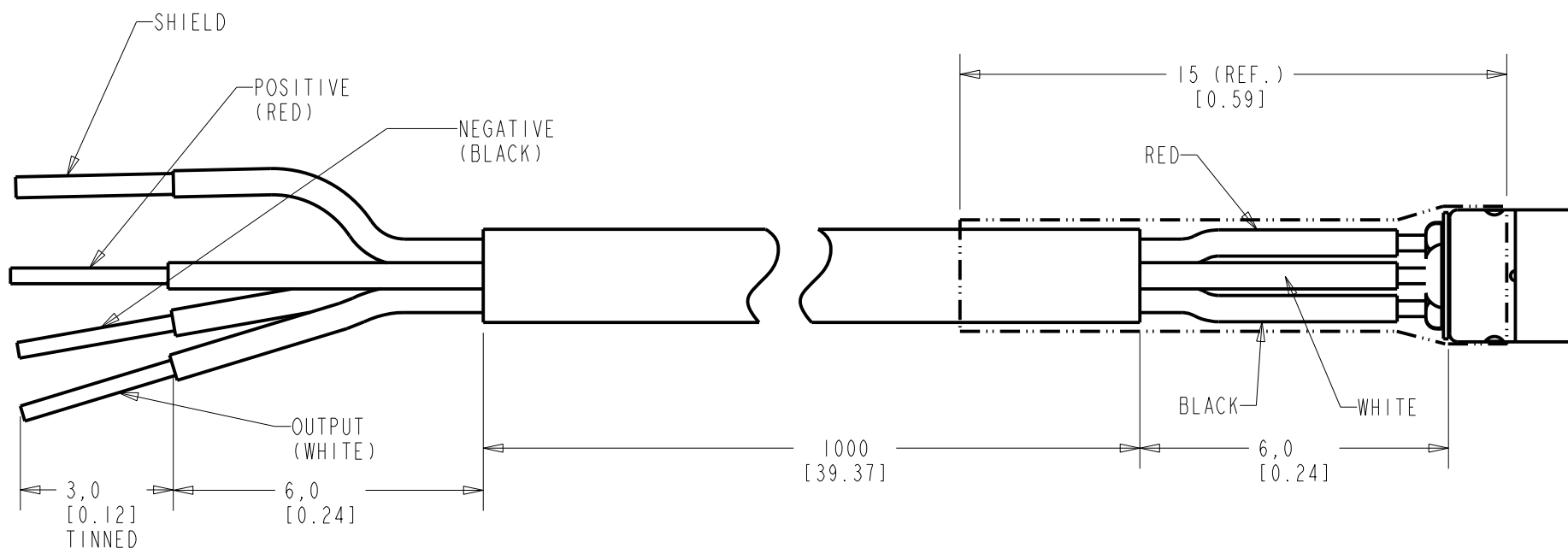


FC-23329-P07

SHT 1.1



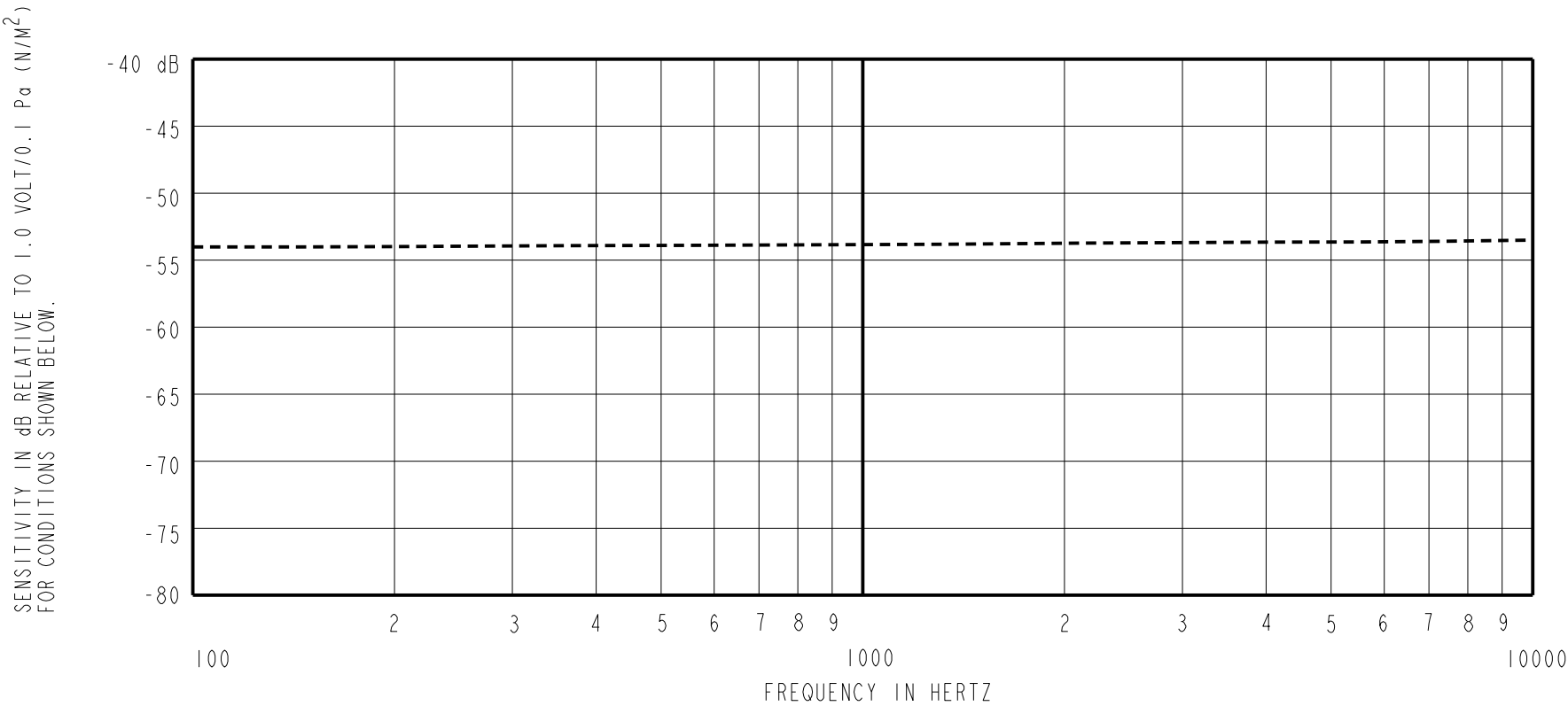
DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|---------------------------|-----------|---------------------|---------------|----------|
| E | C40101137 | 10-30-12 | Active | E |
| D | C40101079 | 8-15-12 | | |
| SCALE: 8:1 | | | DR. BY | DATE |
| DO NOT SCALE DRAWING | | | MMM | 11-21-05 |
| TITLE: MICROPHONE / CABLE | | | CK. BY | DATE |
| OUTLINE DRAWING | | | GJP | 11-22-05 |
| FC-23329-P07 | | | APP. BY | DATE |
| SHT 1.1 | | | GJP | 11-22-05 |

KE111ASIZE.FRM

Rev: B



| FREQUENCY | SENSITIVITY | | | DEVICE CONFORMITY | |
|-----------|-------------|-------|-------|------------------------------|------|
| | MIN. | NOM. | MAX. | RANGE OF DEVIATION FROM 1KHz | |
| 100 | --- | -54.0 | --- | -3.0 | +3.0 |
| 1000 | -57.0 | -54.0 | -51.0 | 0.0 | 0.0 |
| 10000 | --- | -53.5 | --- | -3.0 | +4.0 |

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.

| PORT LOCATION | DC SUPPLY | AMPLIFIER CURRENT DRAIN | SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC | "A" WEIGHTED NOISE (1KHz EQUIV. SPL) | OUTPUT IMPEDANCE OHMS | | |
|---------------|-----------|-------------------------|---|--------------------------------------|-----------------------|------|------|
| | | | | | MIN. | NOM. | MAX. |
| 12S | 1.3V | 50 μA MAX. | 3 dB MAX. | 30.0 dB MAX. | 2800 | 4400 | 6800 |

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

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|--|-----------|---------------------|---------------|----------|----------|
| E | C40101137 | 10-30-12 | Active | | E |
| D | C40101079 | 8-15-12 | | | |
| 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 | |
| TITLE: MICROPHONE /CABLE PERFORMANCE SPECIFICATION | | | MMM | 11-21-05 | |
| | | | CK. BY | DATE | |
| | | | GJP | 11-22-05 | |
| | | | APP. BY | DATE | |
| | | | GJP | 11-22-05 | |

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SHT 2.1