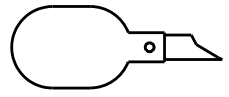
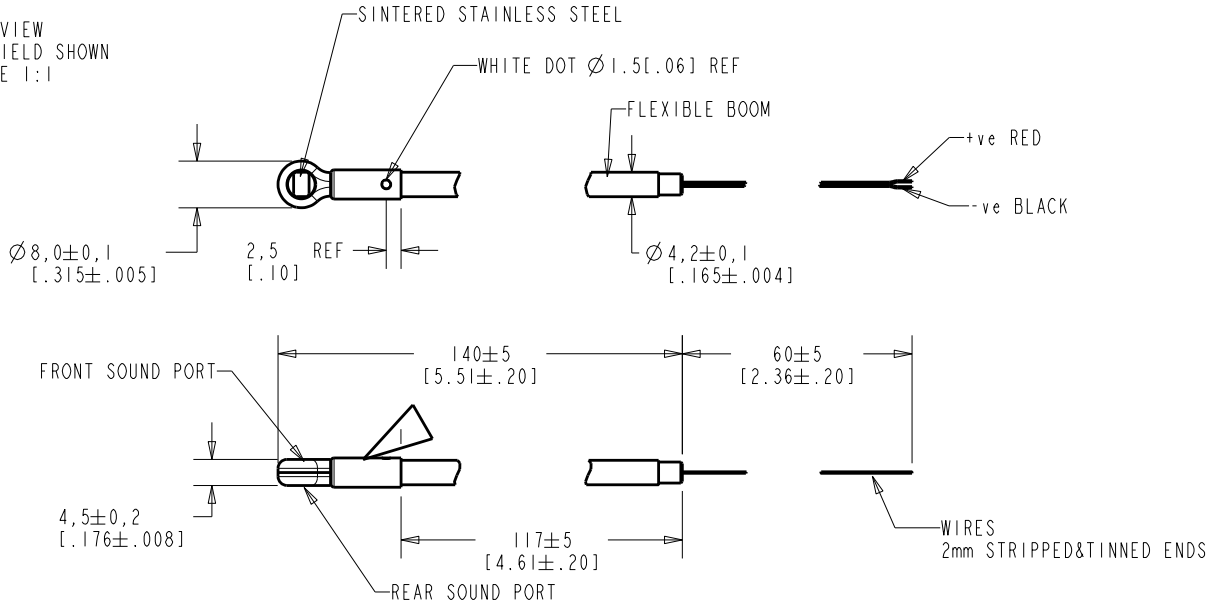


FB-DW-30294-000
SHT 1.1

THE FRONT SOUND PORT IS ADJACENT TO THE MODEL NUMBER IDENTIFICATION.



TOP VIEW
W/WINDSHIELD SHOWN
SCALE 1:1



| WIRE COLOR | | WEIGHT GRAMS |
|------------|--------|--------------|
| +ve | OUTPUT | |
| RED | BLACK | 13.1 |

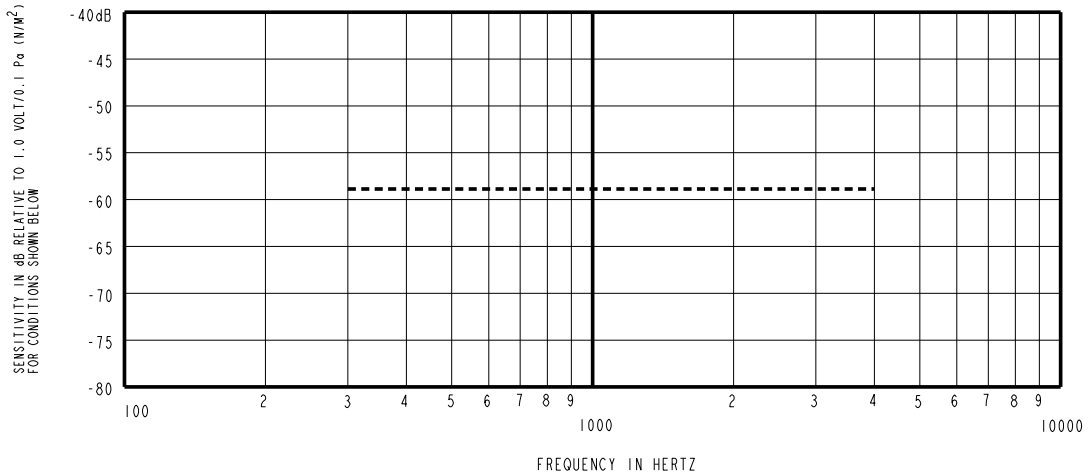
DIMENSIONS IN MILLIMETERS [INCHES]

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|----------|
| B | C10107745 | 8-4-08 | Active | B |
| A | C10107109 | 3-17-08 | | |

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

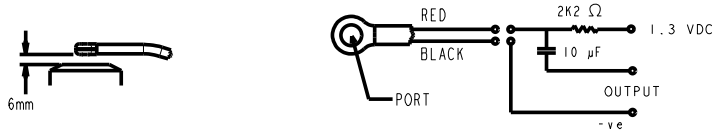
| | | |
|------------------------|-----------------|--------------|
| SCALE: 1:1 | DR. BY TT | DATE 3-4-08 |
| DO NOT SCALE DRAWING | CK. BY GJP | DATE 3-27-08 |
| TITLE: BOOM MICROPHONE | FB-DW-30294-000 | APP. BY GJP |
| OUTLINE DRAWING | SHT 1.1 | DATE 3-27-08 |

RE111ASIZE.FRM Rev: B



NOTES:

- MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- | SENSITIVITY | | | | DEVICE CONFORMITY RANGE OF DEVIATION FROM 1KHz | |
|-------------|-------|-------|-------|--|------|
| FREQUENCY | MIN | NOM | MAX | | |
| 300 | --- | -59.0 | --- | -4.0 | +4.0 |
| 1000 | -62.0 | -59.0 | -55.0 | -0.0 | +0.0 |
| 4000 | --- | -59.0 | --- | -4.0 | +4.0 |
- TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 74 dB SPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE: B & K 4227 MOUTH SIMULATOR.
- FOR MICROPHONE CAPSULE SPEC. SEE WP-25993-D63 SHEET 2.1



LEAD IDENTIFICATION & TEST CIRCUIT

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| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|---|-----------|---------------------|--|---|
| B | C10107745 | 8-4-08 | Active | B |
| A | C10107109 | 3-17-08 | | |
| <small>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</small> | | | | DR. BY: TT DATE: 3-4-08 |
| TITLE: BOOM MICROPHONE PERFORMANCE SPECIFICATION | | | FB-DW-30294-000 SHT 2.1 | CK. BY: GJP DATE: 3-27-08 APP. BY: GJP DATE: 3-27-08 |