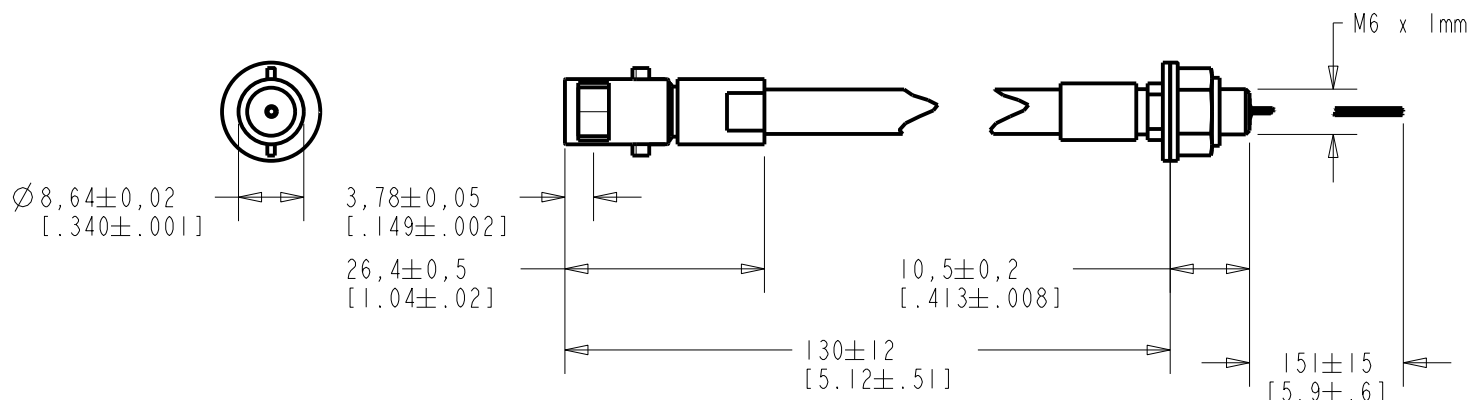
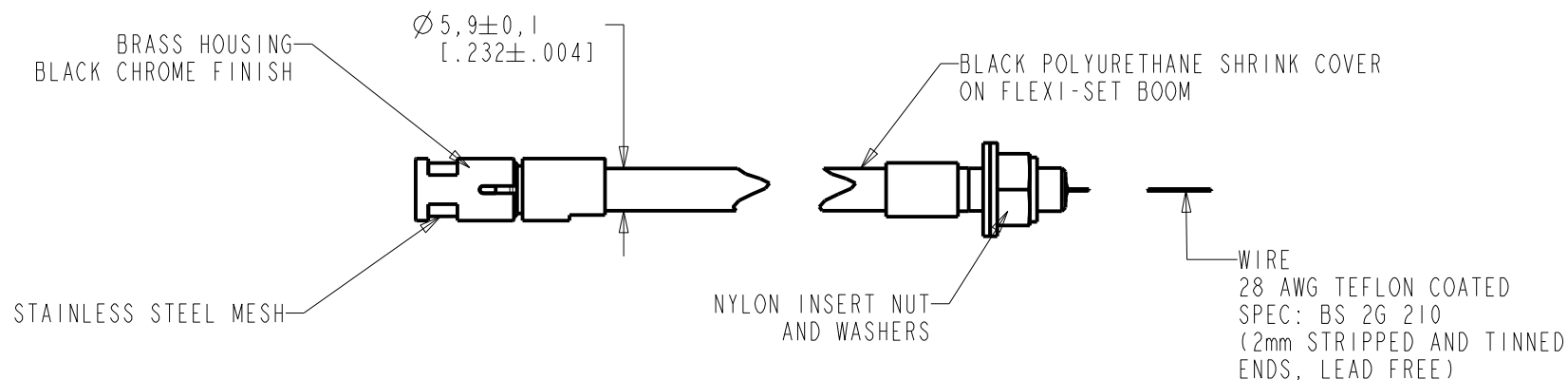


FB-F0-25581-000

SHT 1.1

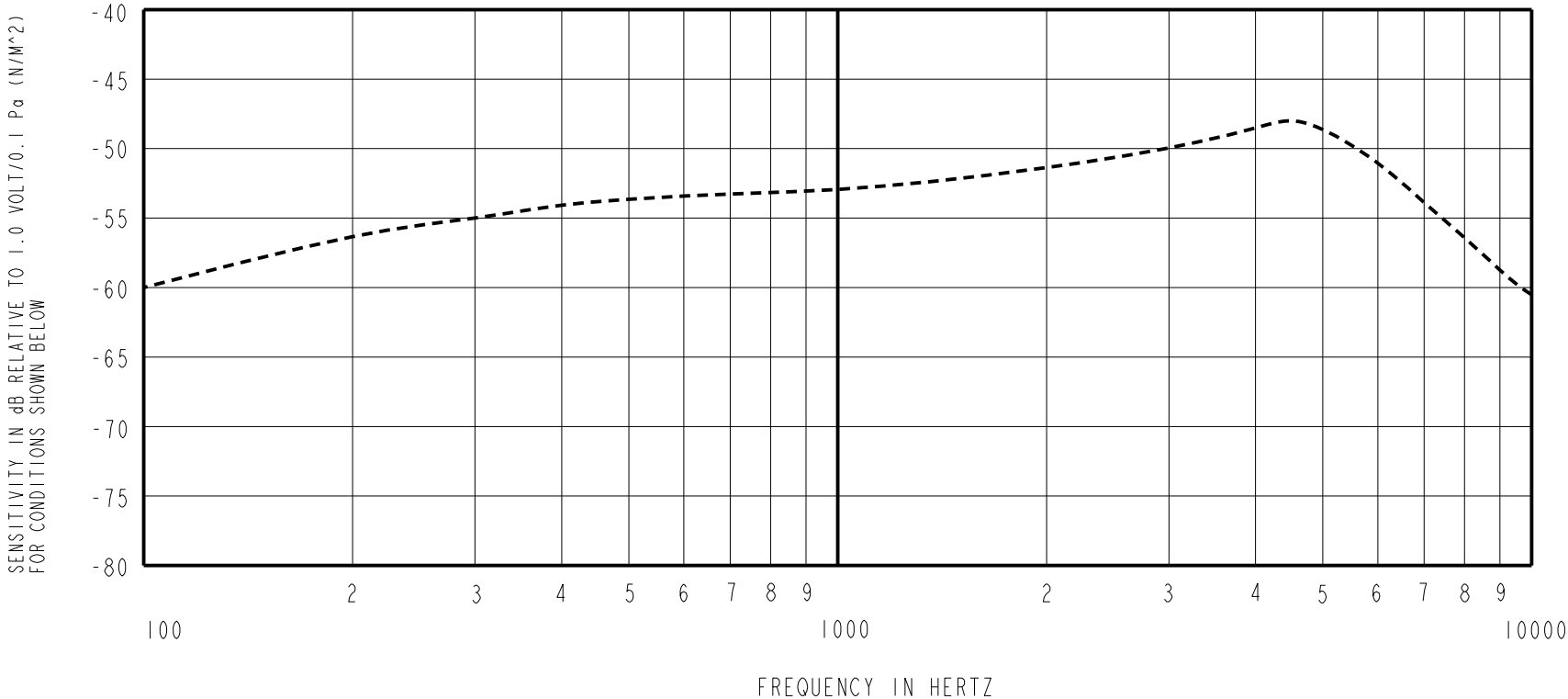


| WIRE COLOR |        |       |        | WEIGHT<br>GRAMS |
|------------|--------|-------|--------|-----------------|
| +ve        | OUTPUT | -ve   | SCREEN |                 |
| RED        | WHITE  | BLACK | GREEN  | 29.1            |

DIMENSIONS IN MILLIMETERS [INCHES]

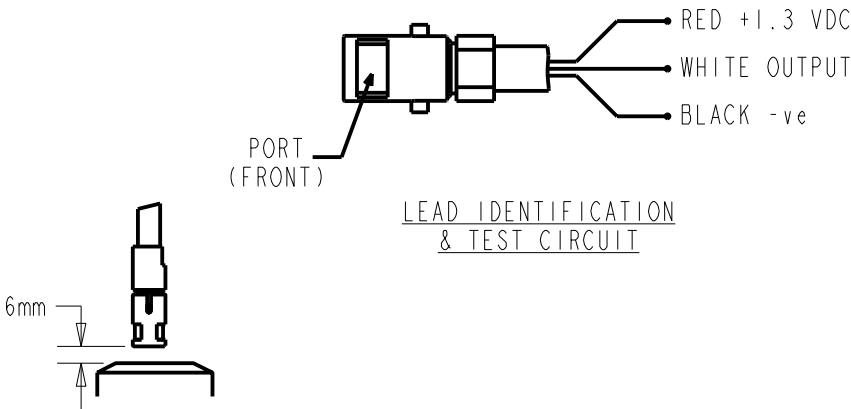
**KNOWLES ELECTRONICS**  
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| Revision               | C.O. #    | Implementation Date | RELEASE LEVEL | REVISION     |              |
|------------------------|-----------|---------------------|---------------|--------------|--------------|
|                        |           |                     | Active        | D            |              |
|                        |           |                     |               |              |              |
| D                      | C40100632 | 4-21-11             |               |              |              |
| SCALE: 1:1             |           |                     | DR. BY SDZ    | DATE 5-22-07 |              |
| DO NOT SCALE DRAWING   |           |                     | CK. BY GJP    | DATE 6-05-07 |              |
| TITLE: BOOM MICROPHONE |           | FB-F0-25581-000     |               | APP. BY GJP  | DATE 6-05-07 |
| OUTLINE DRAWING        |           | SHT 1.1             |               |              |              |



| FREQUENCY | SENSITIVITY |       |       | DEVICE CONFORMITY            |      |
|-----------|-------------|-------|-------|------------------------------|------|
|           | MIN         | NOM   | MAX   | RANGE OF DEVIATION FROM 1KHz |      |
| 100       | ---         | -60.0 | ---   | -11.0                        | +4.0 |
| 1000      | -56.0       | -53.0 | -50.0 | 0.0                          | 0.0  |
| 3500-5500 | ---         | -48.5 | ---   | +1.5                         | +7.5 |

- NOTES:
- MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
  - SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
  - TEST CONDITIONS:  
HEAD OF BOOM EXPOSED TO 94 dBSPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.  
ARTIFICIAL VOICE:  
B & K 4227 MOUTH SIMULATOR.
  - FOR MICROPHONE CAPSULE SPEC. SEE EK-23024-000 SHEET 2.1



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| Revision                                                                                                                                                                                                     | C.O. #    | Implementation Date | RELEASE LEVEL |         | REVISION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|---------------|---------|----------|
|                                                                                                                                                                                                              |           |                     | Active        |         | D        |
|                                                                                                                                                                                                              |           |                     |               |         |          |
| D                                                                                                                                                                                                            | C40100632 | 4-21-11             |               |         |          |
| 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    |          |
|                                                                                                                                                                                                              |           |                     | SDZ           | 5-22-07 |          |
| TITLE: BOOM MICROPHONE FB-F0-25581-000                                                                                                                                                                       |           |                     | CK. BY        | DATE    |          |
|                                                                                                                                                                                                              |           |                     | GJP           | 6-05-07 |          |
| PERFORMANCE SPECIFICATION                                                                                                                                                                                    |           |                     | APP. BY       | DATE    |          |
|                                                                                                                                                                                                              |           |                     | GJP           | 6-05-07 |          |