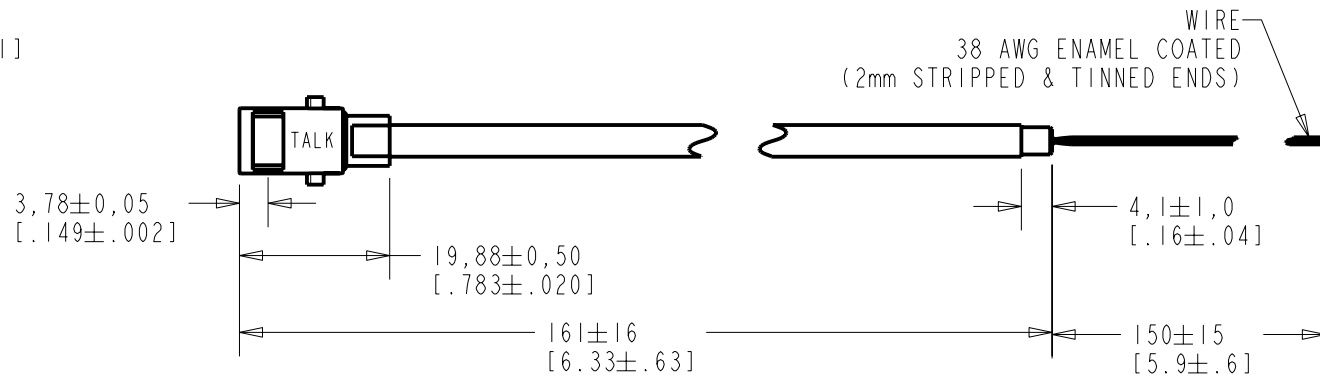
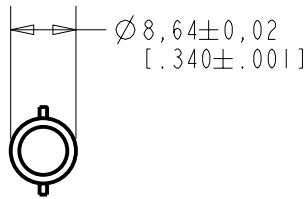
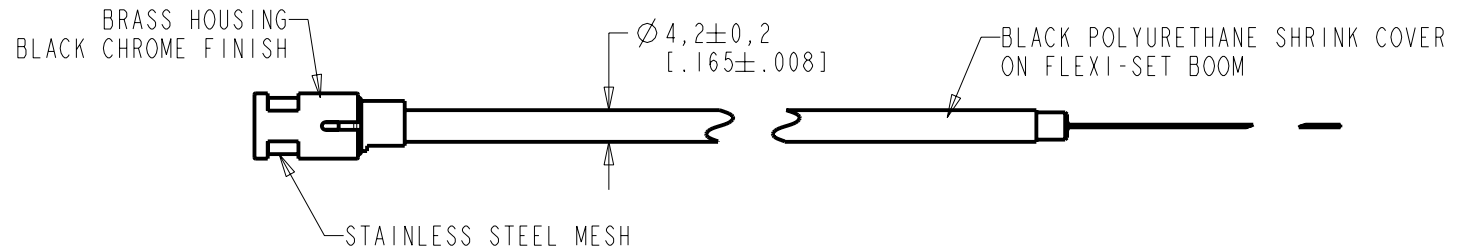


**FB-23511-000**  
SHT 1.1



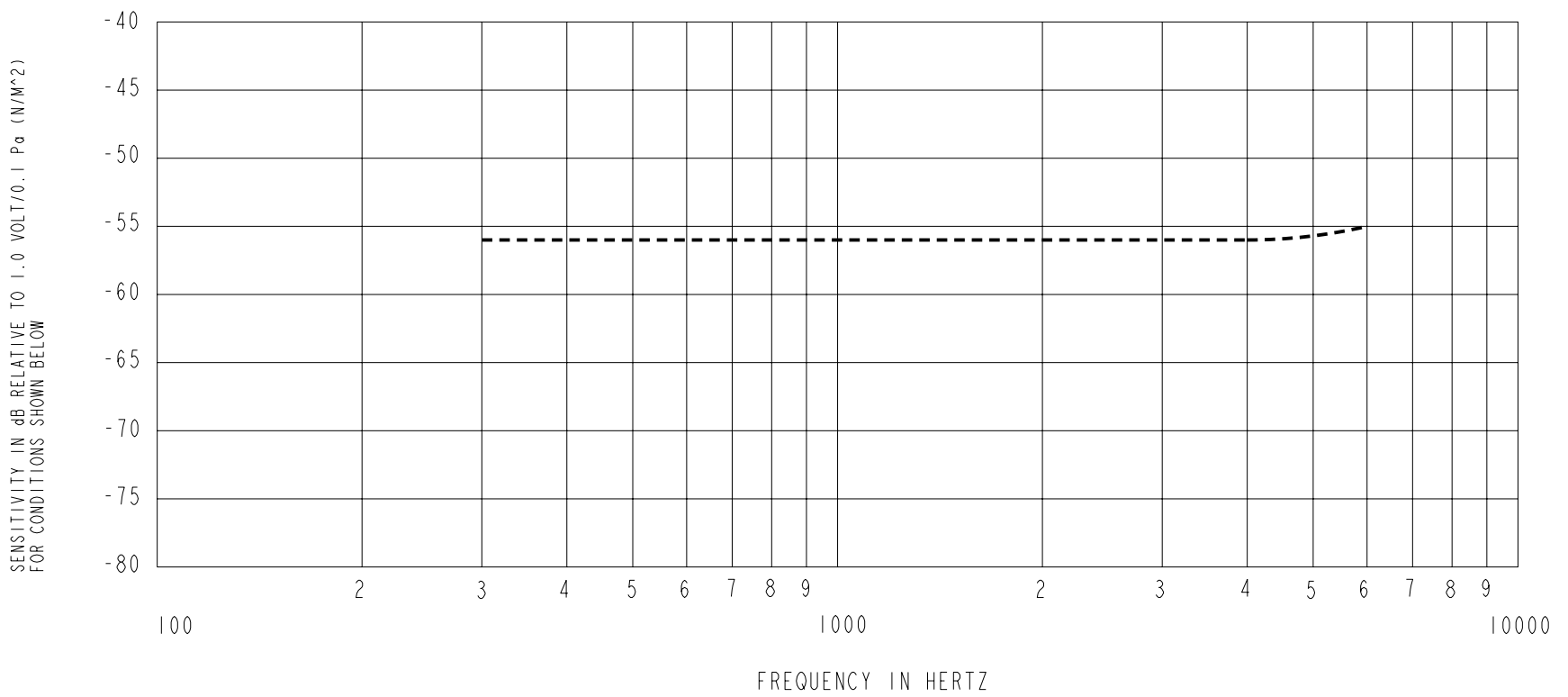
WIRE COLOR				WEIGHT GRAMS
+ve	OUTPUT	-ve	SCREEN	
RED	NATURAL	BLUE	GREEN	11.7

DIMENSIONS IN MILLIMETERS [INCHES]

**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	CI0106348	11-14-07	<b>Released</b>	<b>C</b>
B	MI0101375	2-02-07		
A	MI0101085	6-4-06		

SCALE: 1:1		DR. BY	DATE
DO NOT SCALE DRAWING		MMM	6-1-06
TITLE: <b>BOOM MICROPHONE</b>		CK. BY	DATE
OUTLINE DRAWING		GJP	6-6-06
FB-23511-000		APP. BY	DATE
SHT 1.1		GJP	6-6-06



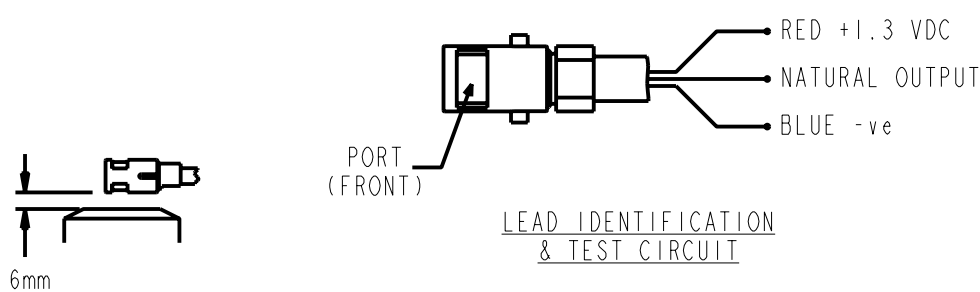
NOTES:

1. MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
2. SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

3. SENSITIVITY

FREQUENCY	MIN	NOM	MAX
300	-60.0	-56.0	-52.0
1000	-59.0	-56.0	-53.0
4000	-60.0	-56.0	-52.0

4. TEST CONDITIONS:  
HEAD OF BOOM EXPOSED TO 94 dB SPL SWEPT SOUND FIELD  
AT 6mm FROM VOICE APERTURE.  
ARTIFICIAL VOICE: B & K 4227 MOUTH SIMULATOR.
5. FOR MICROPHONE CAPSULE SPEC. SEE WP-23500-000 SHEET 2.1



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	C10106348	11-14-07	Released	C
B	M10101375	2-02-07		
A	M10101085	6-4-06		

**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

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

TITLE: **BOOM MICROPHONE** **FB-23511-000**  
PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
MMM	6-1-06
CK. BY	DATE
GJP	6-6-06
APP. BY	DATE
GJP	6-6-06