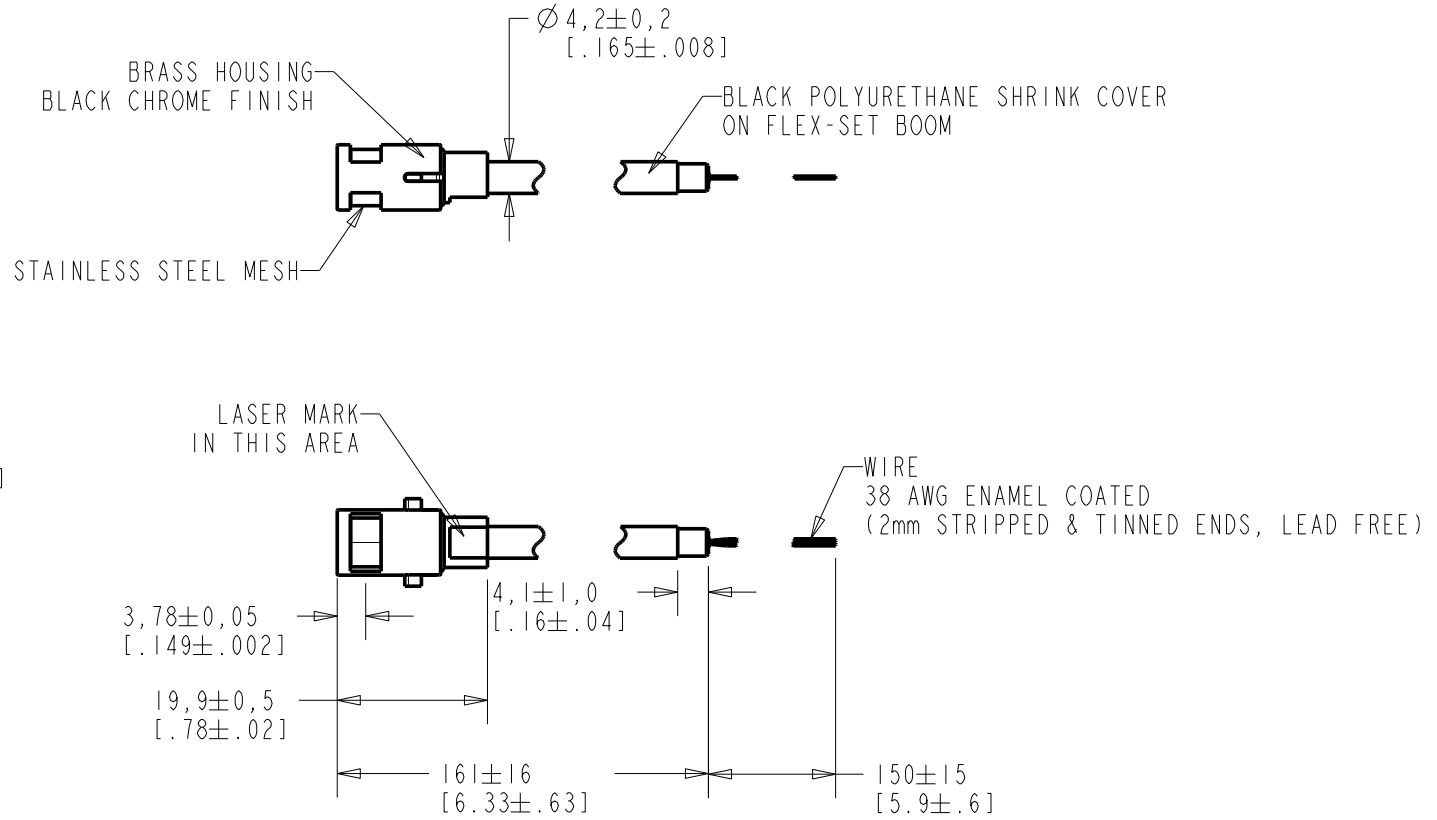


**FB-DO-23534-L20**  
SHT 1.1



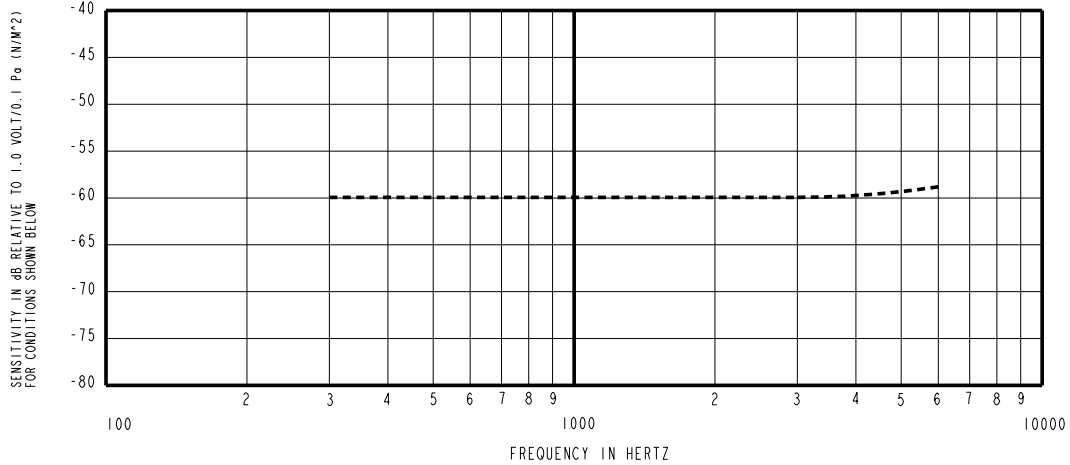
WIRE COLOR			WEIGHT GRAMS
+ve	-ve	SCREEN	
RED	BLUE	GREEN	11.7

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	C10107744	7-25-08	<b>Active</b>	<b>E</b>
D	C10106384	11-29-08		

SCALE:	<b>1:1</b>	DR. BY	DATE
DO NOT SCALE DRAWING		MMM	6-1-06
TITLE: <b>BOOM MICROPHONE</b>		GJP	6-6-06
<b>FB-DO-23534-L20</b>		APP. BY	DATE
OUTLINE DRAWING		GJP	6-6-06
<b>SHT 1.1</b>			

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

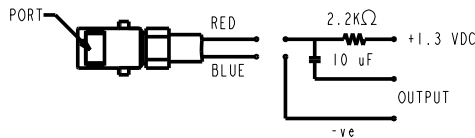


FREQUENCY	SENSITIVITY		
	MIN	NOM	MAX
300	-64.0	-60.0	-56.0
1000	-63.0	-60.0	-57.0
4000	-64.0	-60.0	-56.0

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 dB SPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.  
ARTIFICIAL VOICE:  
B & K 4227 MOUTH SIMULATOR.
- FOR MICROPHONE CAPSULE SPEC. SEE NR-23160-000 SHEET 2.1

CAPACITANCE ±50%
POSITIVE TO NEGATIVE
100pF



LEAD IDENTIFICATION  
& TEST CIRCUIT



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	C10107744	7-25-08	Active	E
D	C10106384	11-29-08		

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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-DO-23534-L20**  
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