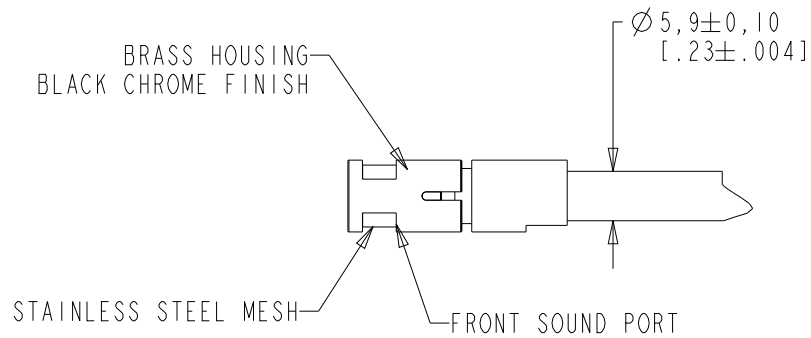
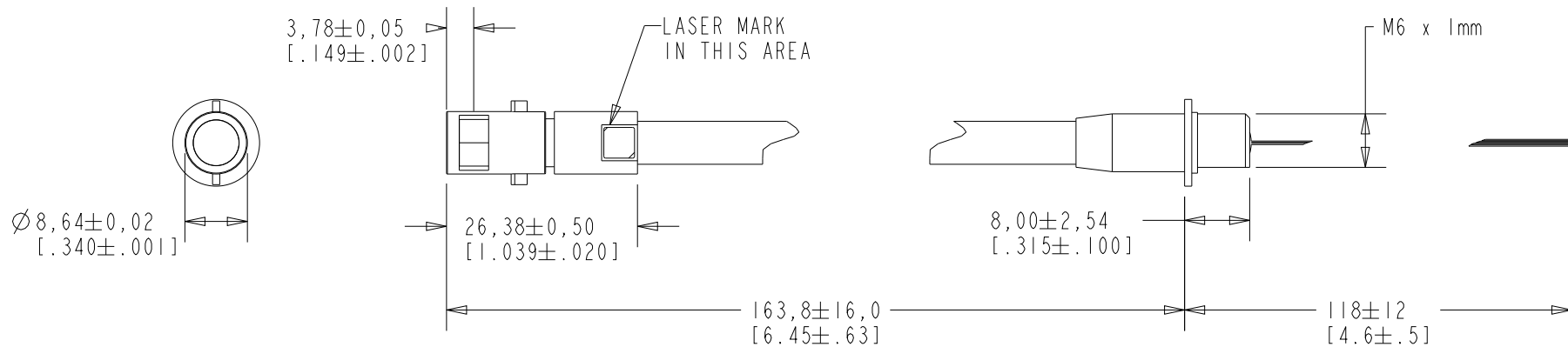
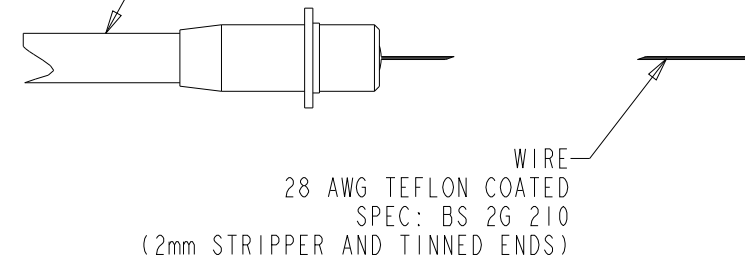


FB-CO-33859-L20

SHT 1.1



BLACK POLYURETHANE SHRINK COVER  
ON FLEXI-SET BOOM



WIRE COLOR			WEIGHT GRAMS
+ve	-ve	SCREEN	
RED	BLACK	GREEN	28.8

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	A
A	PI0004217	7-30-20		

**RED CONTROLLED**

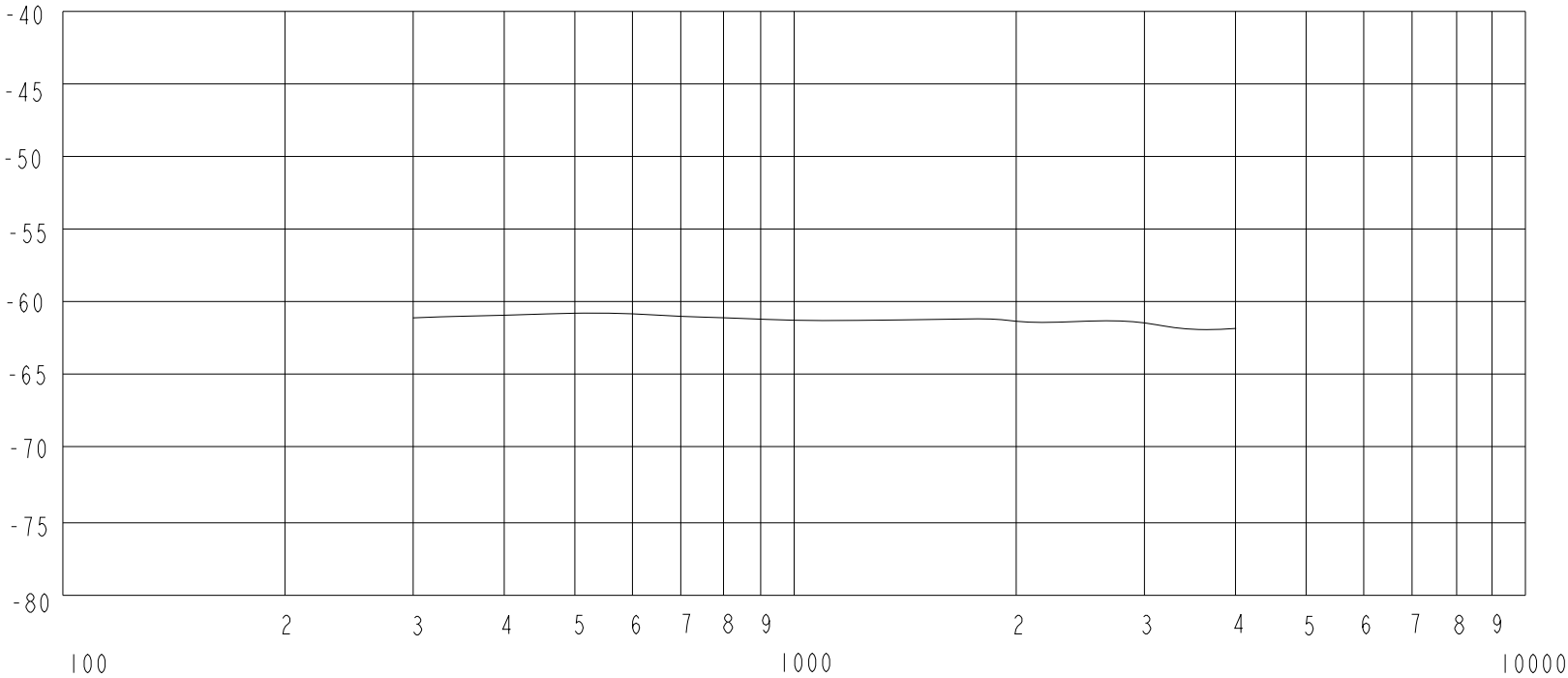
**KNOWLES CORPORATION**

1:5		DR. BY	DATE
DO NOT SCALE DRAWING		AFN	7-30-20
TITLE: BOOM MICROPHONE		CK. BY	DATE
FB-CO-33859-L20		GJP	8-3-20
OUTLINE DRAWING		APP. BY	DATE
SHT 1.1		GJP	8-3-20

KE111ASIZE.FRM

Rev: B

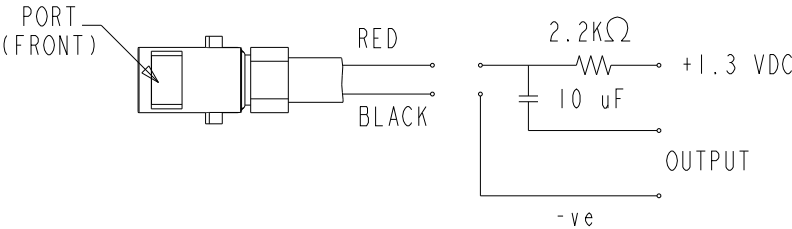
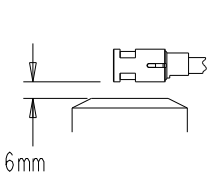
SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M^2)  
FOR CONDITIONS SHOWN BELOW



FREQUENCY	SENSITIVITY		
	MIN	NOM	MAX
300	-65.0	-61.0	-57.0
1000	-64.0	-61.0	-58.0
4000	-66.0	-62.0	-58.0

- 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 dBSPL 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

CAPACITANCE ±50%
POSITIVE TO NEGATIVE
100pF



LEAD IDENTIFICATION  
& TEST CIRCUIT

RED CONTROLLED

KNOWLES CORPORATION

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	A
A	PI0004217	7-30-20		
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
			AFN	7-30-20
			CK. BY	DATE
			GJP	7-31-07
TITLE: BOOM MICROPHONE PERFORMANCE SPECIFICATION			APP. BY	DATE
			GJP	7-31-07
			FB-C0-33859-L20 SHT 2.1	