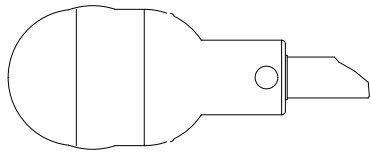
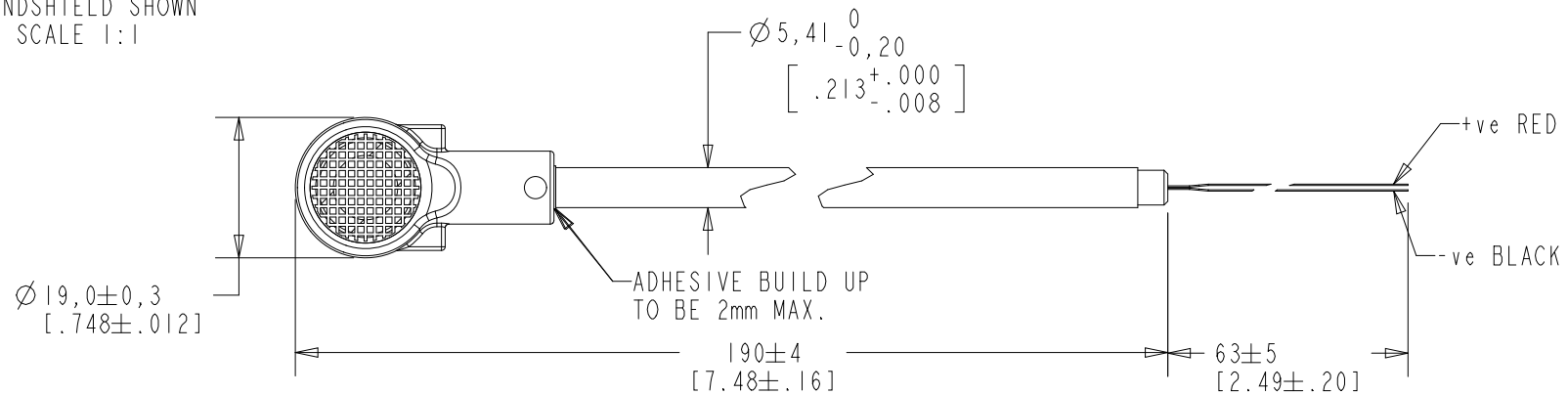


FB-EM-30343-000

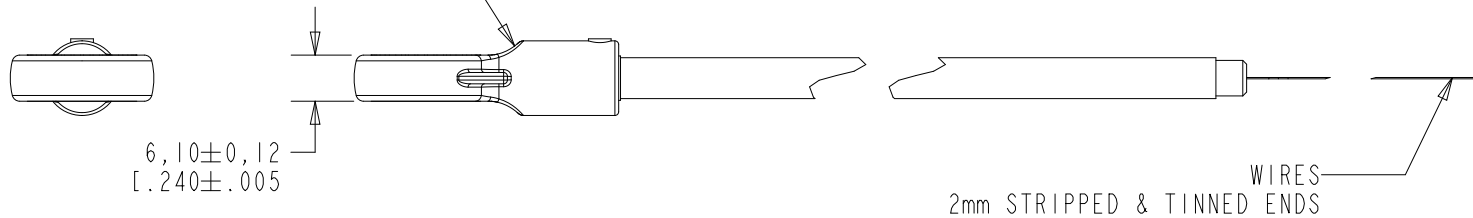
SHT 1.1



TOP VIEW
W/WINDSHIELD SHOWN
SCALE 1:1



PLASTIC HOUSING, BLACK



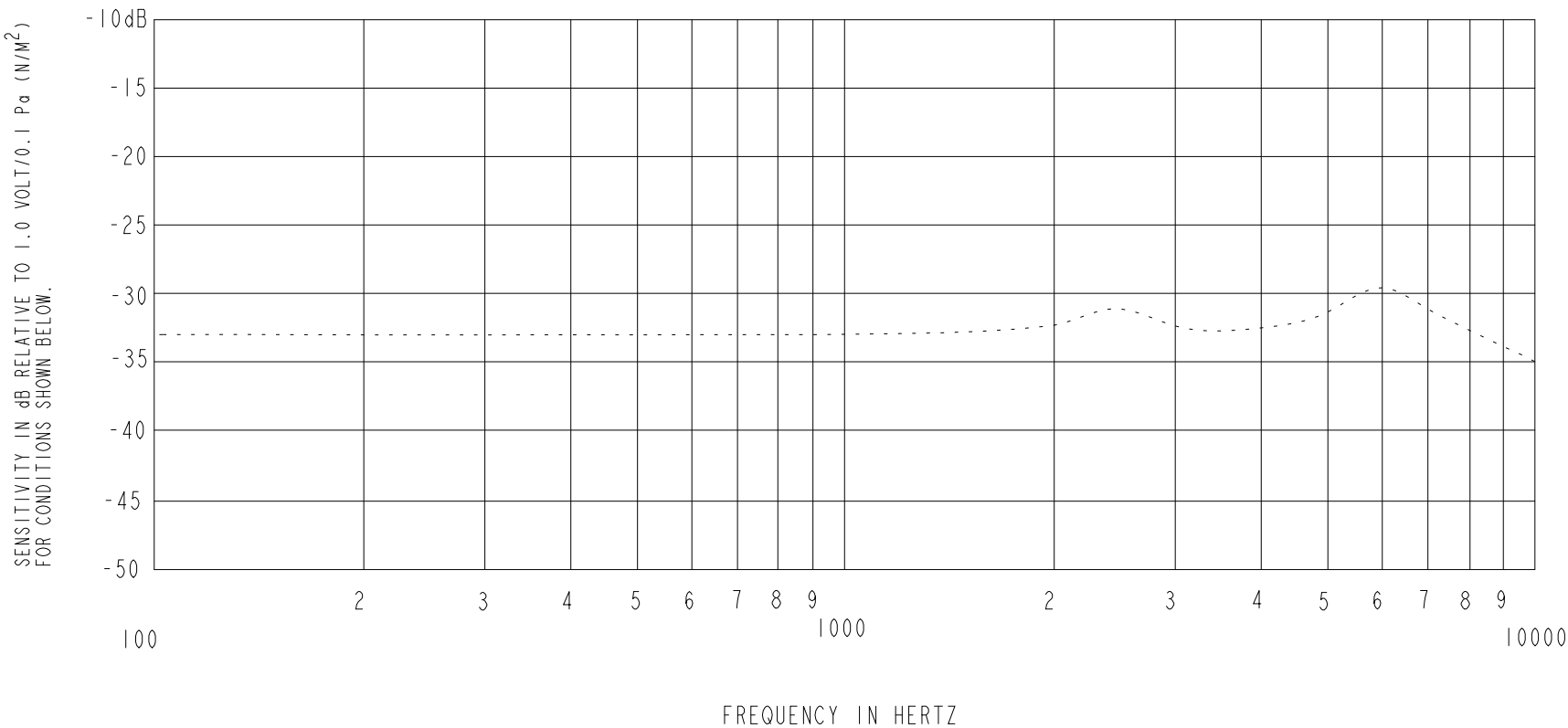
WIRE COLOR			WEIGHT GRAMS
+ve	OUTPUT	-ve	
RED	---	BLACK	19.76

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	PI0009041	4-27-25	Active	E
D	PI0002144	4-16-18		

SCALE: 1:1			DR. BY	DATE
DO NOT SCALE DRAWING			TT	6-26-08
TITLE: BOOM MICROPHONE ASSEMBLY OUTLINE DRAWING			CK. BY	DATE
FB-EM-30343-000			GJP	7-15-08
SHT 1.1			APP. BY	DATE
			GJP	7-15-08

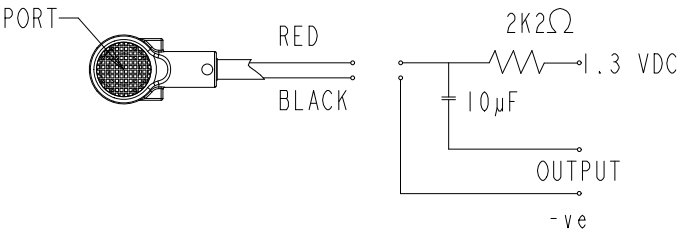
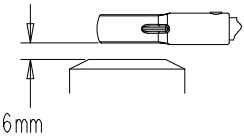
KNOWLES CORPORATION



FREQUENCY	SENSITIVITY		
	MIN.	NOM.	MAX.
300	-37	-33	-29
1000	-37	-33	-29
6000	-38.5	-29.5	-25.5

NOTES:

1. MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
2. SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
3. TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 74 dBSPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE:
B & k 4227 MOUTH SIMULATOR.
4. FOR MICROPHONE CAPSULE SPEC. SEE DRAWING WP-25993-D63
5. SURVIVES 3m SUBMERSION BASED ON QUALIFICATION TESTING. 100% TEST 30 MINUTES 1m SUBMERSION; SENSITIVITY WITHIN 3dB OF INITIAL SENSITIVITY AFTER DRIED FOR 30 MINUTES AT ROOM TEMPERATURE.



RED IDENTIFICATION
& TEST CIRCUIT

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	PI000904I	4-27-25	Active	E
D	PI0002144	4-16-18		

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
			TT	6-26-08
TITLE: BOOM MICROPHONE PERFORMANCE SPECIFICATION			CK. BY	DATE
			GJP	7-15-08
FB-EM-30343-000			APP. BY	DATE
			GJP	7-15-08