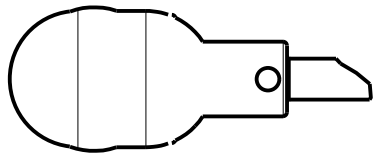
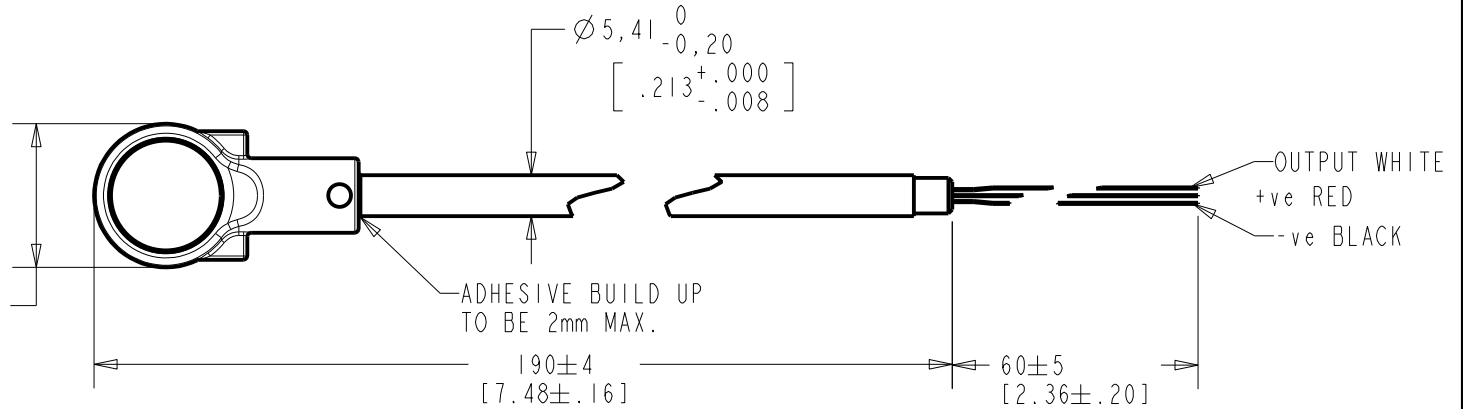


FB-EM-30346-000
SHT 1.1

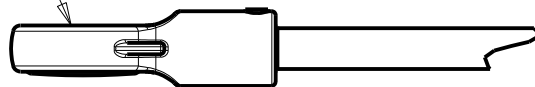
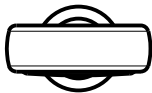


TOP VIEW
W/WINDSHIELD SHOWN
SCALE 1:1

$\varnothing 19,0 \pm 0,3$
[.748 ± .012]



PLASTIC HOUSING, BLACK



WIRES
2mm STRIPPED & TINNED ENDS

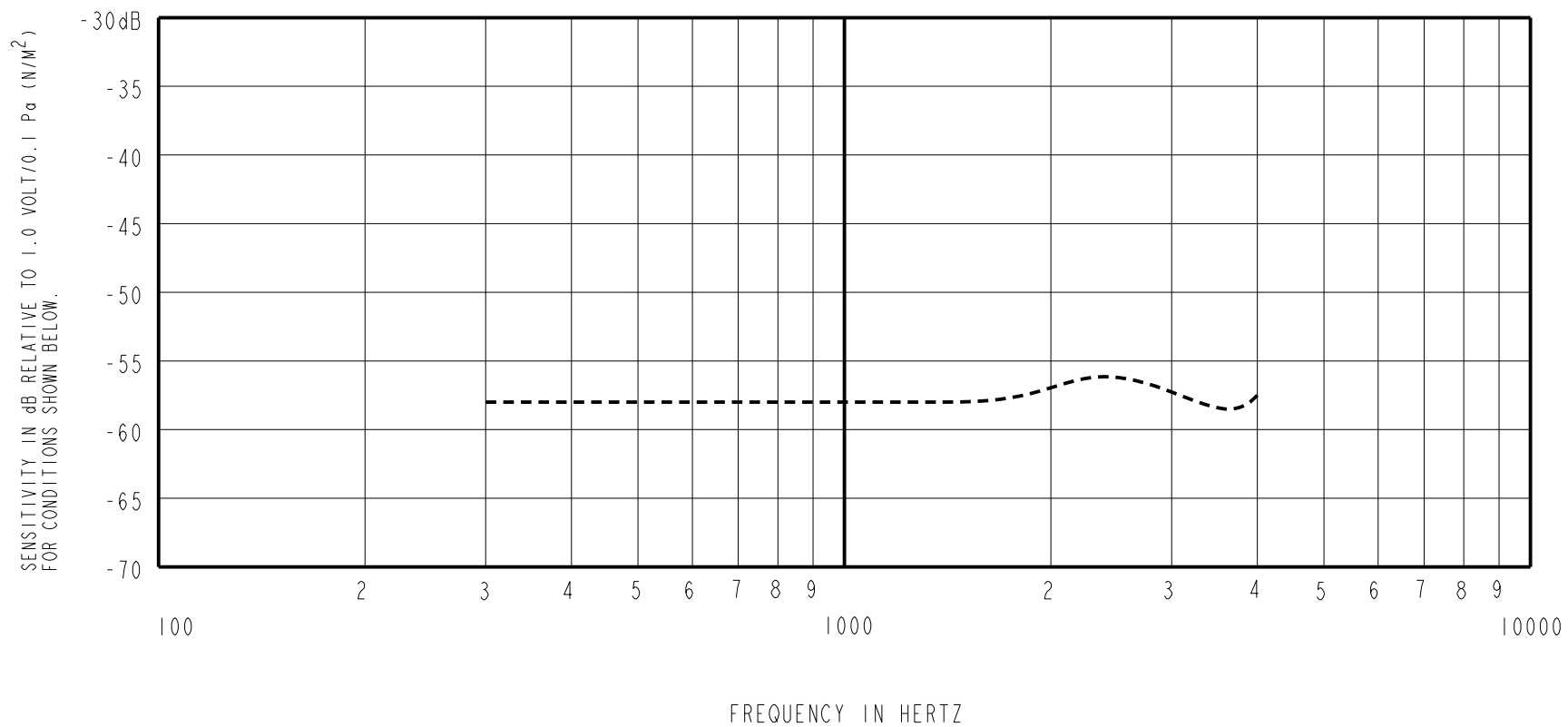
WIRE COLOR			WEIGHT GRAMS
+ve	OUTPUT	-ve	
RED	WHITE	BLACK	---

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	C40101206	3-6-13		

SCALE: 1:1	DR. BY TT	DATE 6-26-08
DO NOT SCALE DRAWING	CK. BY GJP	DATE 7-15-08
TITLE: BOOM MICROPHONE FB-EM-30346-000	APP. BY GJP	DATE 7-15-08
OUTLINE DRAWING	SHT 1.1	

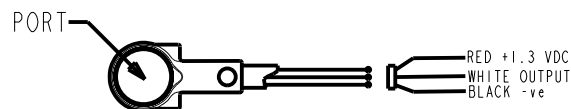
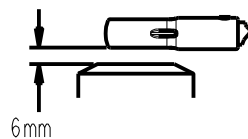
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FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
300	---	-48.0	---	-3.0	+3.0
1000	-51.0	-48.0	-45.0	0.0	0.0
4000	---	-47.0	---	-3.0	+5.0

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 74 dB SPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE:
B & k 4227 MOUTH SIMULATOR.
- FOR MICROPHONE CAPSULE SPEC. SEE DRAWING EK-23132-C36 SHEET 2.1.
- SURVIVES SUBMERSION IN 1m OF WATER FOR 30 MINUTES; SENSITIVITY WITHIN 3dB OF INITIAL SENSITIVITY AFTER DRIED FOR 30 MINUTES AT ROOM TEMPERATURE.



LEAD IDENTIFICATION
& TEST CIRCUIT

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Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	C40101206	3-6-13		
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-EM-30346-000	DR. BY TT DATE 6-26-08
PERFORMANCE SPECIFICATION			SHT 2.1	CK. BY GJP DATE 7-15-08
				APP. BY GJP DATE 7-15-08