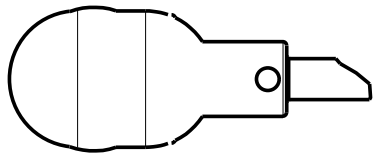
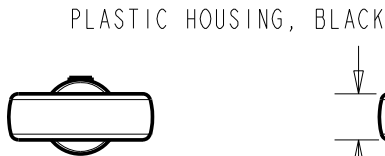
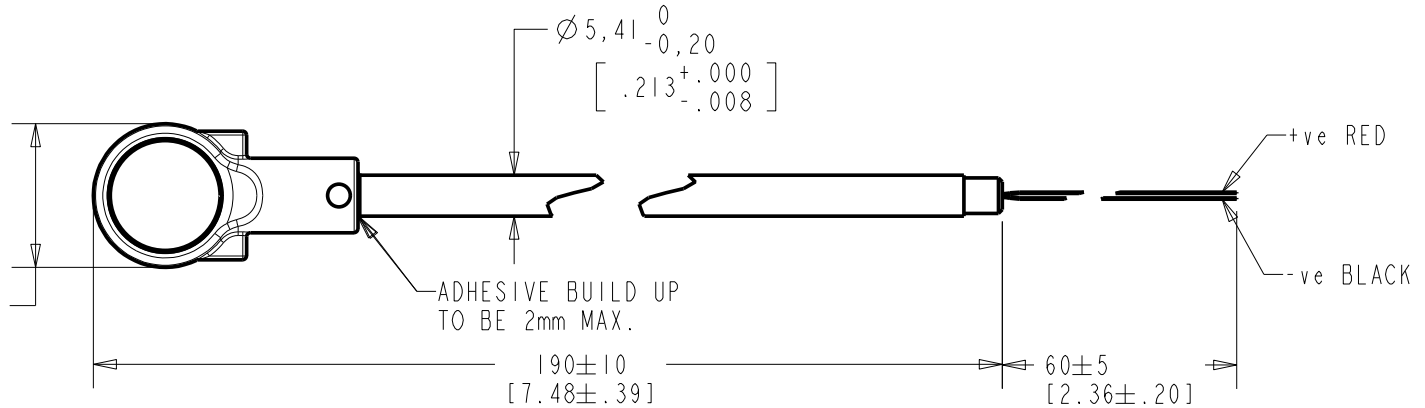


FB-EM-30343-000
SHT 1.1



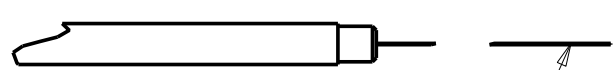
TOP VIEW
W/WINDSHIELD SHOWN
SCALE 1:1

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



PLASTIC HOUSING, BLACK

$6,10 \pm 0,12$
[.240 ± .005]



WIRES
2mm STRIPPED & TINNED ENDS

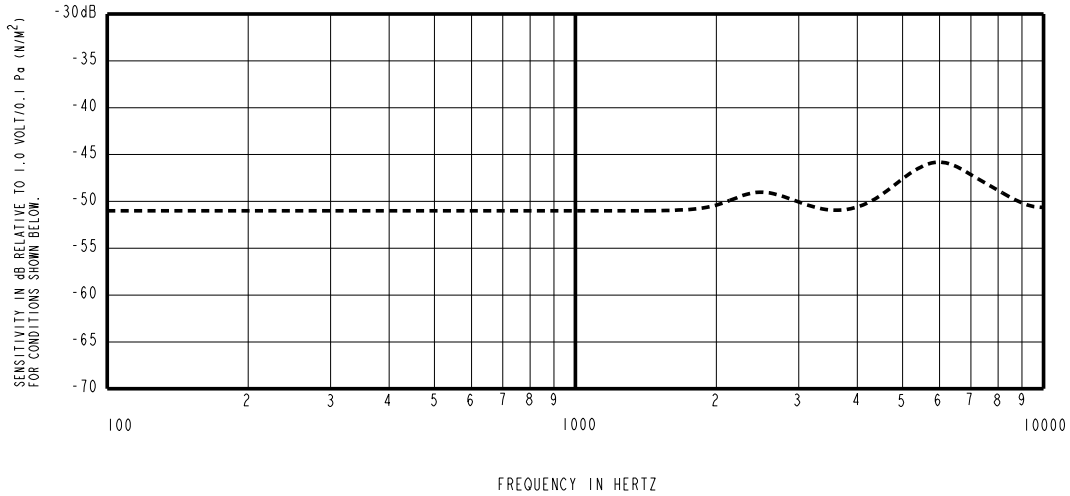
WIRE COLOR			WEIGHT GRAMS
+ve	OUTPUT	-ve	
RED	---	BLACK	---

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	CI0107748	8-12-08	Active	B
A	CI0107379	6-26-08		

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-30343-000	APP. BY GJP	DATE 7-15-08
OUTLINE DRAWING	SHT 1.1	

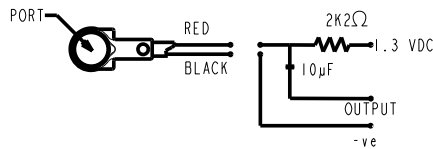
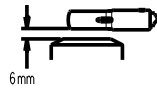
KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
300	---	-51.0	---	-4.0	+4.0
1000	-55.0	-51.0	-47	0.0	0.0
2000	---	-50.5	---	-4.0	---
6000	---	-46.5	---	0.0	+9

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 WP-25993-D63
- 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.



LEAD IDENTIFICATION & TEST CIRCUIT

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10107748	8-12-08	Active	B
A	C10107379	6-26-08		

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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		DR. BY	DATE
TITLE: BOOM MICROPHONE FB-EM-30343-000		TT	6-26-08
PERFORMANCE SPECIFICATION		CK. BY	DATE
SHT 2.1		GJP	7-15-08
		APP. BY	DATE
		GJP	7-15-08