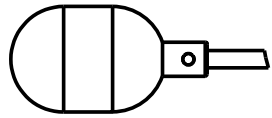


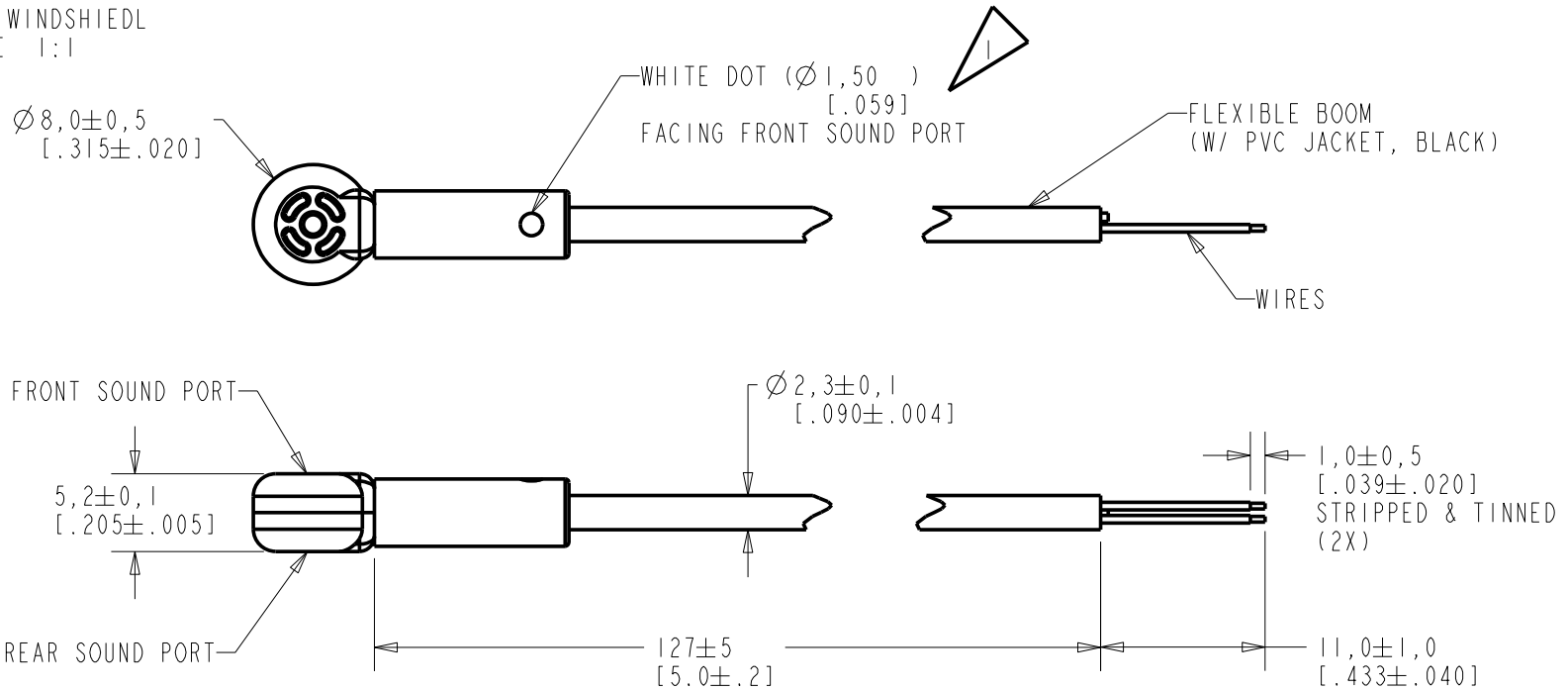
FB-AE-30389-000

SHT 1.1

THE FRONT SOUND PORT IS ADJACENT TO THE MODEL NUMBER IDENTIFICATION.



VIEW WITH WINDSHIELD
SCALE 1:1



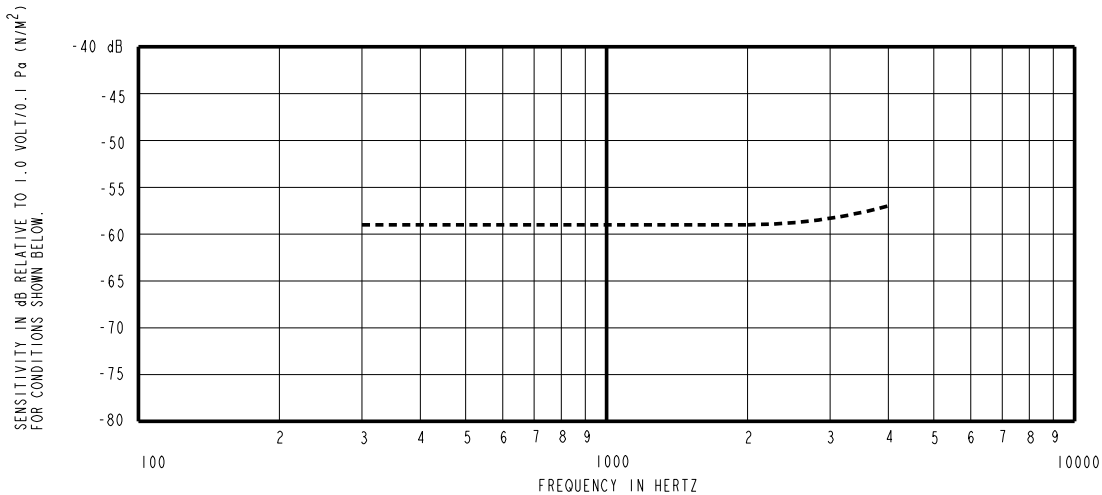
WIRE COLOR			WEIGHT GRAMS
+ve	OUTPUT	-ve	
RED	-	BLACK	t.b.d.

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10107741	7-15-08	Active	B
A	C10107378	6-3-08		

SCALE: 2:1	DR. BY TT	DATE 6-3-08
DO NOT SCALE DRAWING	CK. BY GJP	DATE 6-30-08
TITLE: BOOM MICROPHONE FB-AE-30389-000	APP. BY GJP	DATE 6-30-08
OUTLINE DRAWING	SHT 1.1	

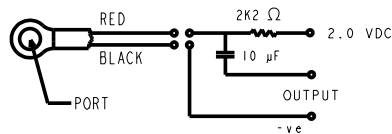
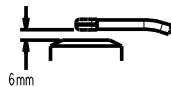
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FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHZ	
300	---	-59.0	---	-3.0	+3.0
1000	-62.0	-59.0	-56.0	-0.0	+0.0
4000	---	-57.0	---	-3.0	+3.0

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 MB6022NSC-0C.



LEAD IDENTIFICATION
& TEST CIRCUIT

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10107741	7-15-08	Active	B
A	C10107378	6-3-08		

KNOWLES ELECTRONICS
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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		JJP	6-30-08
PERFORMANCE SPECIFICATION		APP. BY	DATE
FB-AE-30389-000		JJP	6-30-08
SHT 2.1			