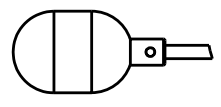


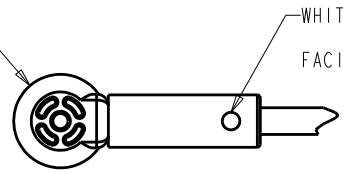
**FB-AE-30209-000**  
SHT 1.1

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

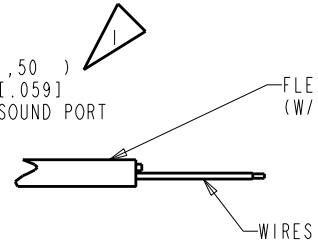


VIEW WITH WINDSHIELD  
SCALE 1:1

$\varnothing 8,0 \pm 0,5$   
[.315 ± .020]

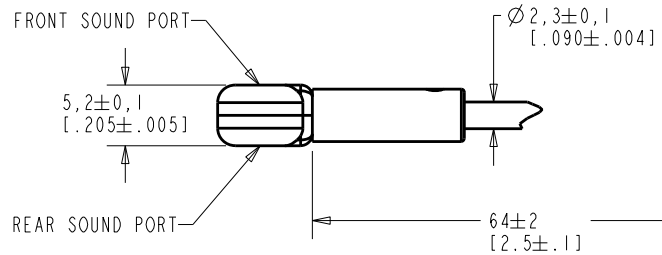


WHITE DOT ( $\varnothing 1,50$ )  
[.059]  
FACING FRONT SOUND PORT



FLEXIBLE BOOM  
(W/ PVC JACKET, BLACK)

WIRES



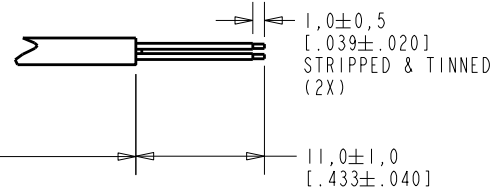
FRONT SOUND PORT

$5,2 \pm 0,1$   
[.205 ± .005]

REAR SOUND PORT

$\varnothing 2,3 \pm 0,1$   
[.090 ± .004]

$64 \pm 2$   
[2.5 ± .1]



$1,0 \pm 0,5$   
[.039 ± .020]  
STRIPPED & TINNED  
(2X)

$11,0 \pm 1,0$   
[.433 ± .040]

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

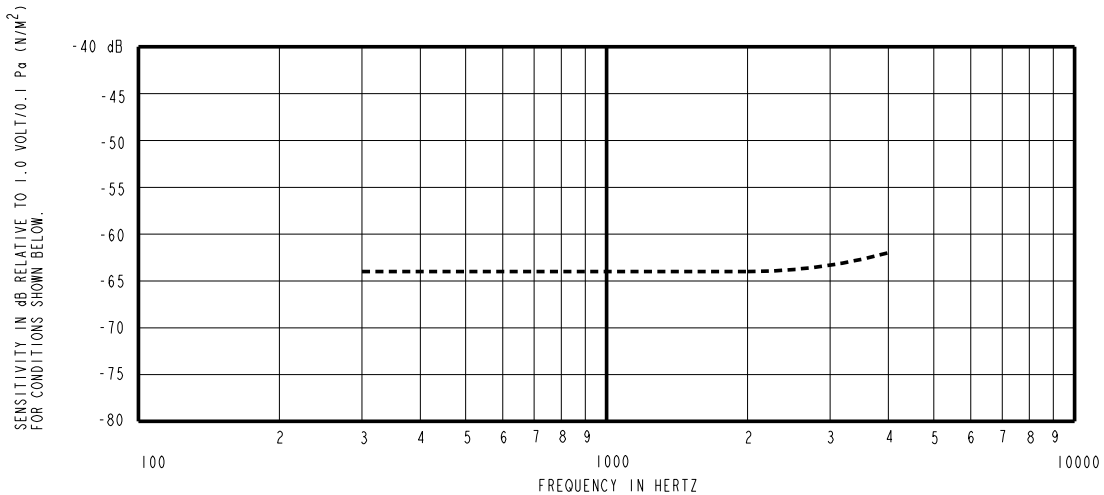
DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	C10107741	7-15-08	Active	C
B	C10106350	9-12-07		
A	C10106267	7-30-07		

**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

SCALE:	2:1	DR. BY	DATE
DO NOT SCALE DRAWING		SDZ	7-30-07
TITLE:	BOOM MICROPHONE	GJP	7-31-07
	FB-AE-30209-000	APP. BY	DATE
	OUTLINE DRAWING	GJP	7-31-07
	SHT 1.1		

RE111ASIZE.FRM Rev: B

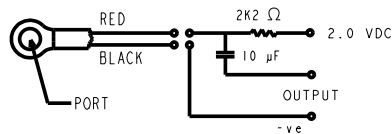
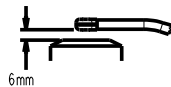


FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
300	---	-63.5	---	-4.0	+4.0
1000	-66.5	-63.5	-60.5	-0.0	+0.0
4000	---	-63.5	---	-4.0	+4.0

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 dB SPL SWEPT  
SOUND FIELD AT 6mm FROM VOICE APERTURE.  
ARTIFICIAL VOICE:  
B & K 4227 MOUTH SIMULATOR.
- FOR MICROPHONE CAPSULE SPEC. SEE MB6022ASC-1L.

CAPACITANCE ±50%
POSITIVE TO NEGATIVE
100pF



LEAD IDENTIFICATION  
& TEST CIRCUIT

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	C10107741	7-15-08	Active	C
B	C10106350	9-12-07		
A	C10106267	7-30-07		

**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

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: <b>BOOM MICROPHONE</b>		GJP	7-31-07
PERFORMANCE SPECIFICATION		APP. BY	DATE
<b>FB-AE-30209-000</b>		GJP	7-31-07
<b>SHT 2.1</b>			