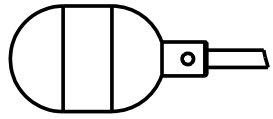


FB-AE-30209-000

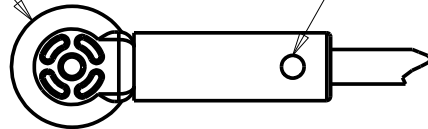
SHT 1.1

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

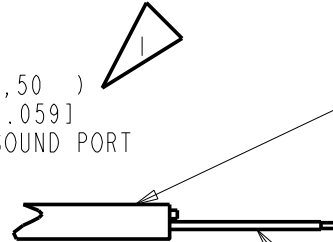


VIEW WITH WINDSHIELD
SCALE 1:1

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



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



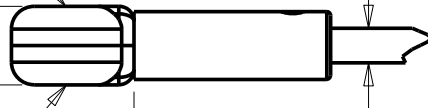
FLEXIBLE BOOM
(W/ PVC JACKET, BLACK)

WIRES

FRONT SOUND PORT

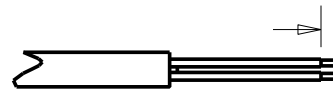
$5,2 \pm 0,1$
[.205 ± .005]

REAR SOUND PORT



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

64 ± 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	-ve	
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		

SCALE: 2:1

DO NOT SCALE DRAWING

TITLE: BOOM MICROPHONE FB-AE-30209-000

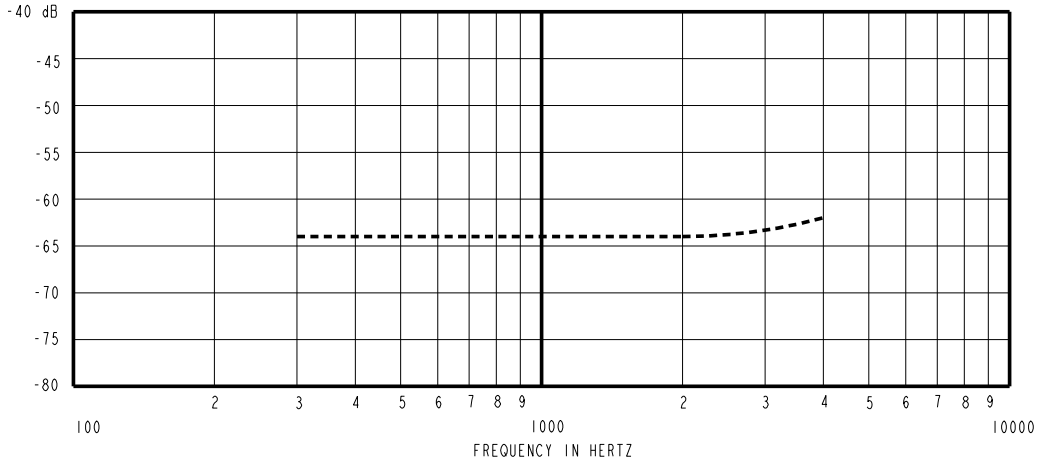
OUTLINE DRAWING

SHT 1.1

DR. BY	DATE
SDZ	7-30-07
CK. BY	DATE
GJP	7-31-07
APP. BY	DATE
GJP	7-31-07

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M²)
FOR CONDITIONS SHOWN BELOW.

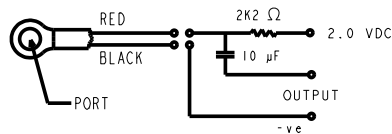
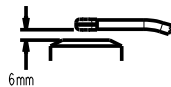


FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
300	---	-63.5	---	-4.0	+4.0
1000	-66.5	-63.5	-60.5	-0.0	+0.0
4000	---	-63.5	---	-4.0	+4.0

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
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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
		SDZ	7-30-07
TITLE: BOOM MICROPHONE		CK. BY	DATE
PERFORMANCE SPECIFICATION		GJP	7-31-07
FB-AE-30209-000		APP. BY	DATE
SHT 2.1		GJP	7-31-07