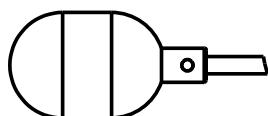


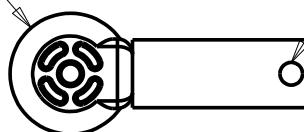
FB-AE-30389-000

SHT 1.1



VIEW WITH WINDSHIELD
SCALE 1:1

$\phi 8,0 \pm 0,5$
[.315±.020]



WHITE DOT ($\phi 1,50$)
[.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

$\phi 2,3 \pm 0,1$
[.090±.004]

127 ± 5
[5.0±.2]

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

$11,0 \pm 1,0$
[.433±.040]

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

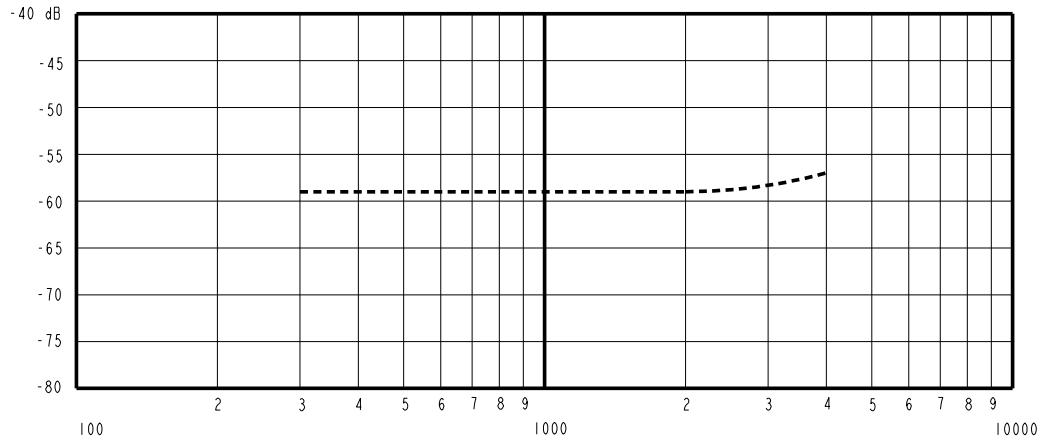
DIMENSIONS IN MILLIMETERS [INCHES]

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

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

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

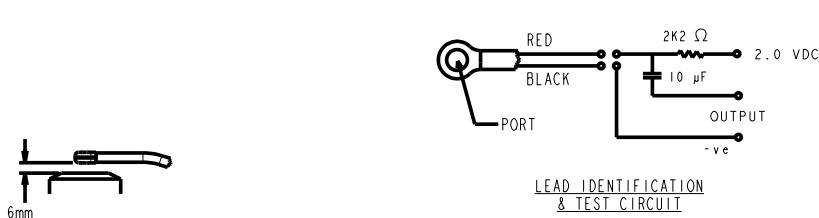
SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/m²)
FOR CONDITIONS SHOWN BELOW.



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1kHz	
300	---	-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:

1. MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
2. SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
3. TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 74 dB SPL SWEEP
SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE:
B & K 4227 MOUTH SIMULATOR.
4. FOR MICROPHONE CAPSULE SPEC. SEE MB6022NSC-0C.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10107741	7-15-08	Active	B
A	C10107378	6-3-08		
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-AE-30389-000	DR. BY TT CK. BY GJP APP. BY GJP	DATE 6-3-08 DATE 6-30-08 DATE 6-30-08
PERFORMANCE SPECIFICATION				
SHT 2.1				

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