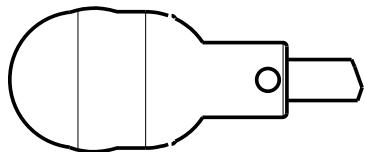
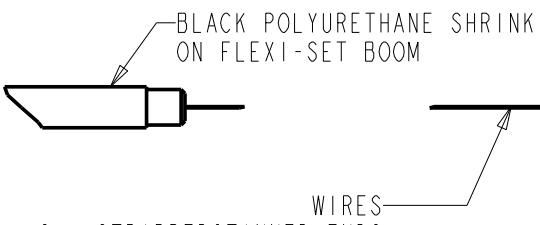
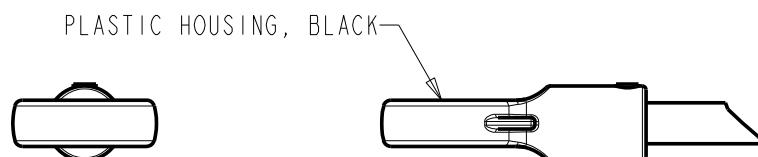
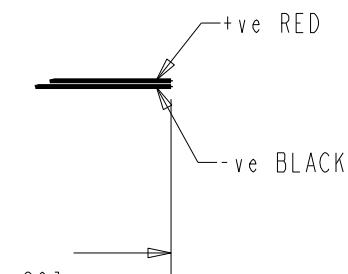
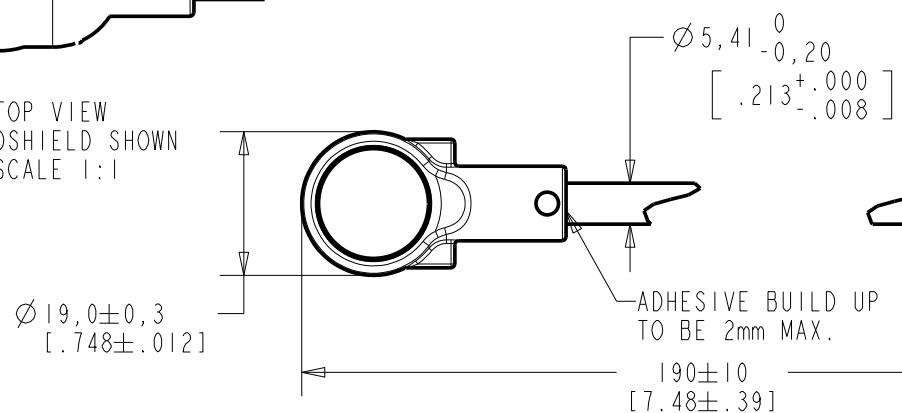


FB-EM-30344-000

SHT I.I



TOP VIEW
W/WINDSHIELD SHOWN
SCALE 1:1



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

DIMENSIONS IN MILLIMETERS [INCHES]

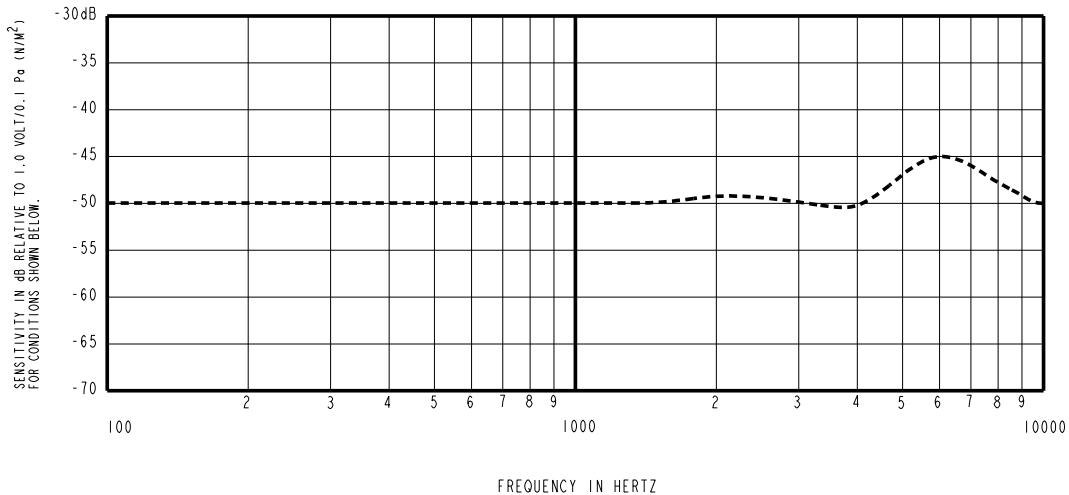
KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10107748	8-12-08	Active	B
A	C10107368	5-27-08		

SCALE: 1:1
DO NOT SCALE DRAWING
TITLE: BOOM MICROPHONE FB-EM-30344-000
OUTLINE DRAWING SHT 1 1

KEILLASIZE FRI

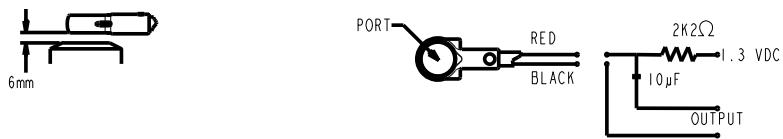
Rev. B



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY
	MIN.	NOM.	MAX.	
300	---	-50.0	---	-4.0 +4.0
1000	-54.0	-50.0	-46	0.0 0.0
2000	---	-49.5	---	-4.0 ---
6000	---	-45.5	---	0.0 +9

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 DRAWING NR-25994-D63 SHEET 2.1.
5. SURVIVES SUBMERSION IN 10m OF WATER FOR 5 MINUTES; 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	C10107368	5-27-08		
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-EM-30344-000	APP. BY	DATE
		PERFORMANCE SPECIFICATION	GJP	5-27-08
			GJP	6-4-08
			GJP	6-4-08
			GJP	6-4-08

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