

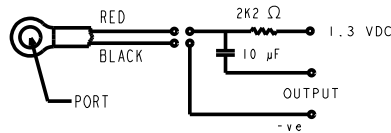
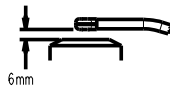
NOTES:

1. MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
2. SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
3. SENSITIVITY

FREQUENCY	MIN	NOM	MAX
300	---	-59.0	---
1000	-62.0	-59.0	-55.0
4000	---	-59.0	---
4. 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.
5. FOR MICROPHONE CAPSULE SPEC. SEE WP-25993-D63 SHEET 2.1

DEVICE CONFORMITY RANGE OF DEVIATION FROM 1KHz

-4.0	+4.0
-0.0	+0.0
-4.0	+4.0



LEAD IDENTIFICATION & TEST CIRCUIT

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10107745	8-4-08	<b>Active</b>	<b>B</b>
A	C10107109	3-17-08		

**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

TITLE: **BOOM MICROPHONE** **FB-DW-30294-000**  
 PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
TT	3-4-08
CK. BY	DATE
GJP	3-27-08
APP. BY	DATE
GJP	3-27-08