



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

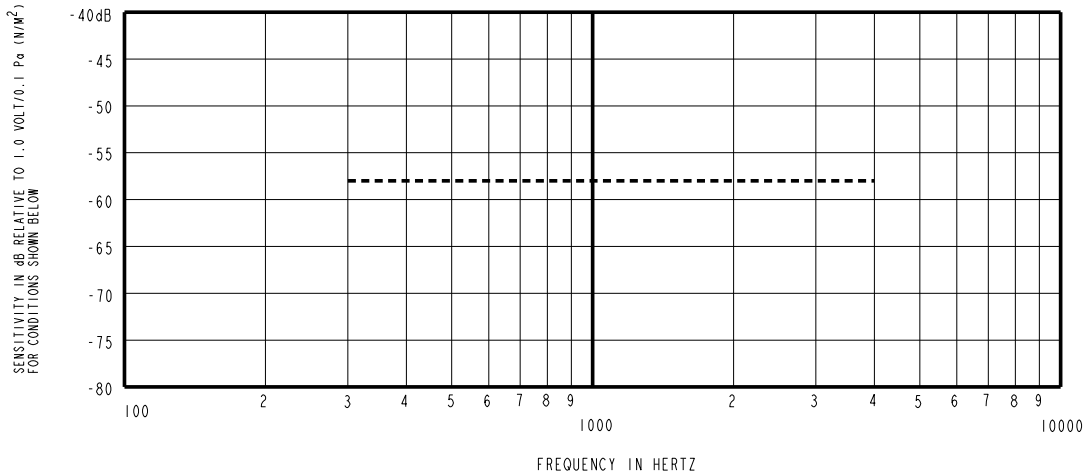
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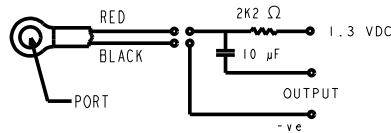
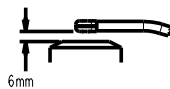
NOTES:

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	---	-58.0	---
1000	-62.0	-58.0	-54.0
4000	---	-58.0	---

DEVICE CONFORMITY RANGE OF DEVIATION FROM 1KHz	
-4.0	+4.0
-0.0	+0.0
-4.0	+4.0

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 NR-25994-D63 SHEET 2.1



LEAD IDENTIFICATION & TEST CIRCUIT

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10107745	8-4-08	Active	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-30293-000**  
 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