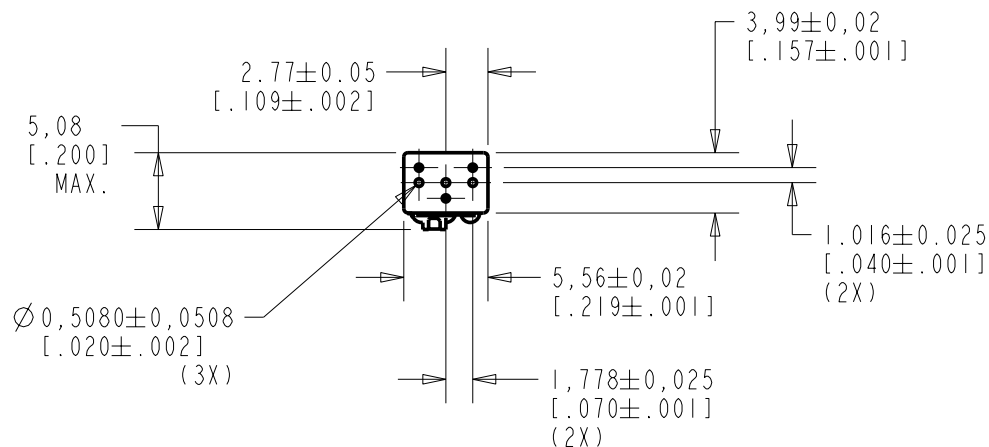


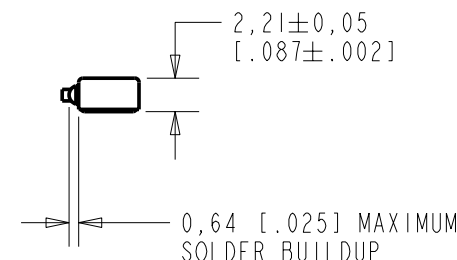
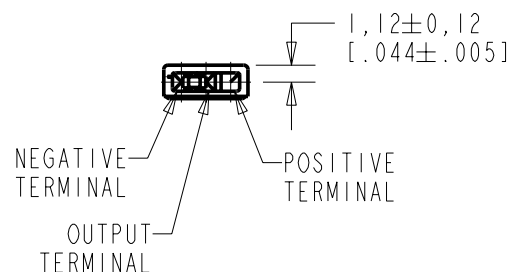
NR-25994-D63

SHT 1.1



NOTE:

1. INCREASED PRESSURE AT THE SOUND INLET CAUSES A POSITIVE GOING VOLTAGE TO APPEAR AT THE OUTPUT TERMINAL, RELATIVE TO THE NEGATIVE TERMINAL.



NOMINAL WEIGHT  
.13 GRAM

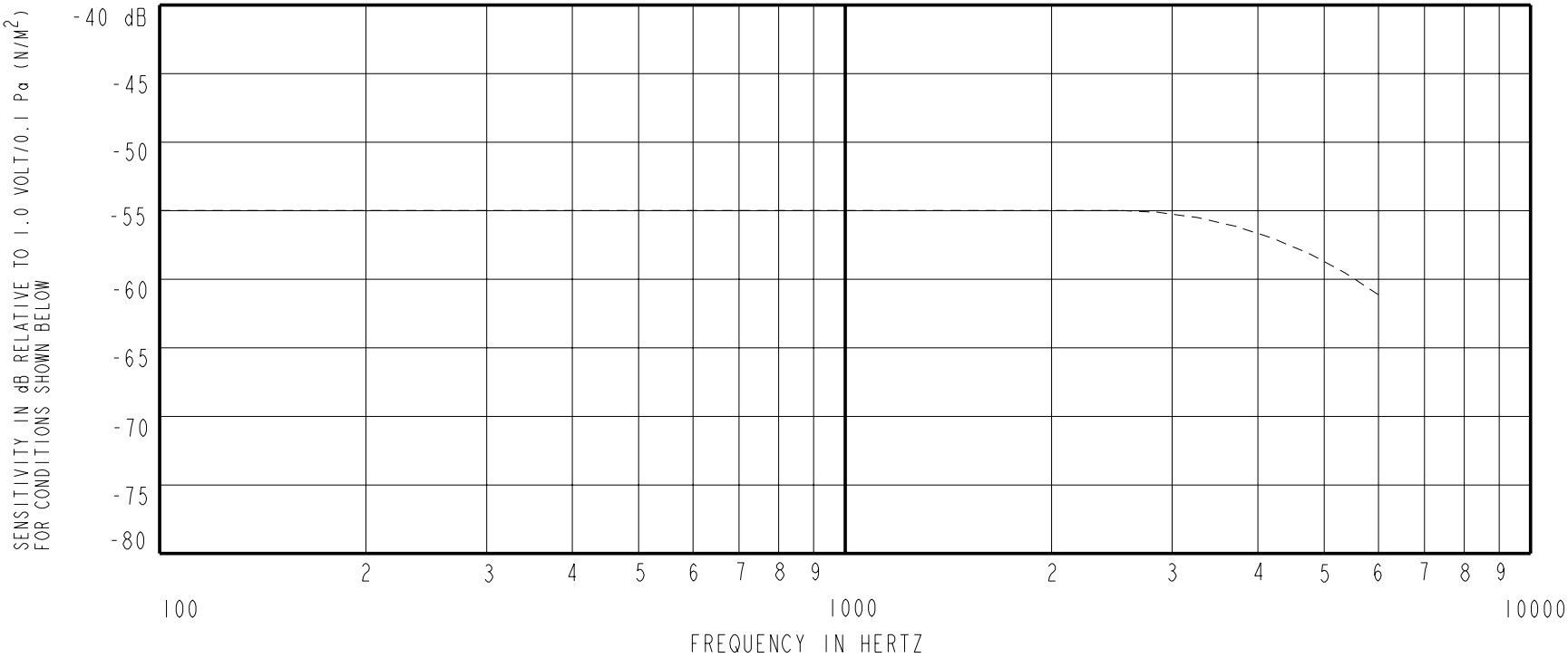


$\varnothing 0.508 \pm 0.025$   
[  $.020 \pm .001$  ]  
(15X)

DIMENSIONS IN MILLIMETERS [INCHES]

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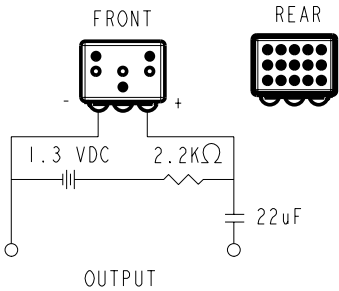
Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0101748	12-13-07	Active	A
SCALE: 2:1			DR. BY SDZ	DATE 12-13-07
DO NOT SCALE DRAWING			CK. BY GJP	DATE 1-02-08
TITLE: MICROPHONE			APP. BY GJP	DATE 1-02-08
OUTLINE DRAWING			NR-25994-D63 SHT 1.1	



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE	OF DEVIATION FROM 1 KHz
100	---	-55.0	---	-2.0	+2.0
1000	-59.0	-55.0	-51.0	0.0	0.0
4000	---	-57.0	---	-5.0	+1.0

NOTES:

- CASE CONNECTED TO NEGATIVE TERMINAL.
- MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- PRESSURE DIFFERENCE SENSITIVITY TESTED WITH REAR SOUND PORT SEALED TO AIR VOLUME OF AT LEAST 0.5 CC.



PORT LOCATION	DC SUPPLY	AMPLIFIER CURRENT DRAIN	OUTPUT IMPEDANCE OHMS		
			MIN.	NOM.	MAX.
KA, JA	1.3V	300uA MAX.	1000	2000	3000

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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Active		A
A	MI0101748	12-13-07			
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	12-13-07
TITLE: MICROPHONE NR-25994-D63				CK. BY	DATE
				GJP	1-02-08
PERFORMANCE SPECIFICATION SHT 2.1				APP. BY	DATE
				GJP	1-02-08

# Mouser Electronics

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