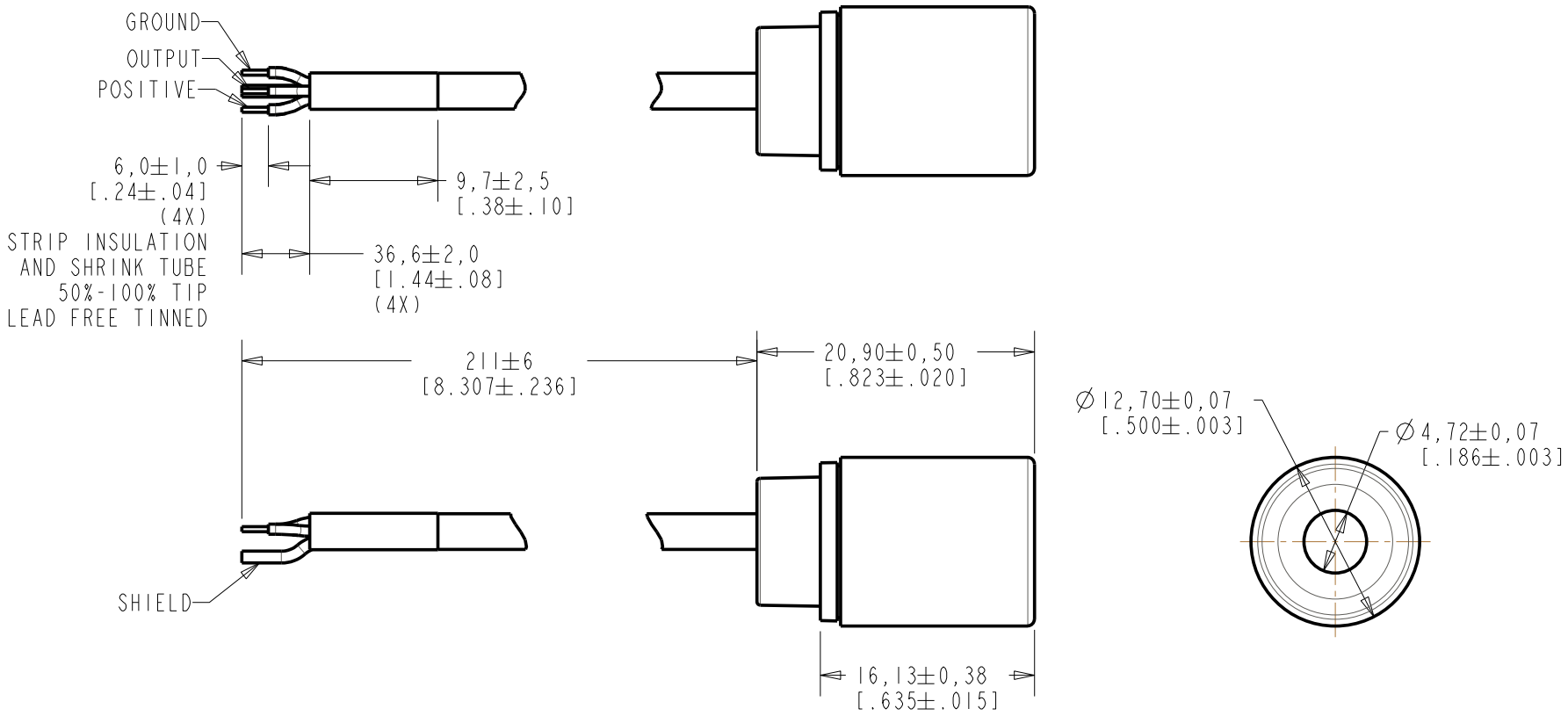
VWP-H-30109-000
SHT 1.1



WIRE COLOR				WEIGHT GRAMS
+ve	OUTPUT	-ve	SHIELD	
RED	WHITE	BLACK	HEATSHRINK	4.6

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	B
B	C10107752	8-14-08		
A	C10106337	9-11-07		

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SCALE: 2:1

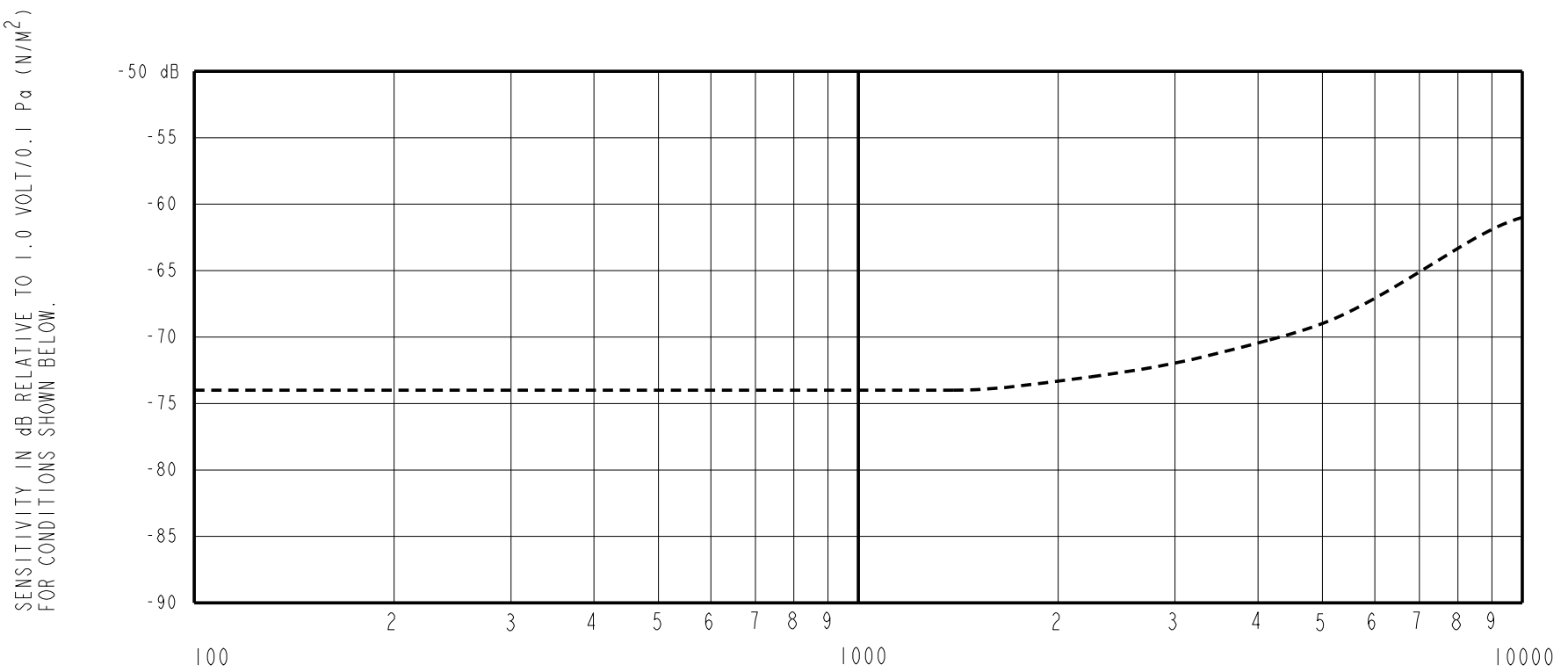
DO NOT SCALE DRAWING

DR. BY	DATE
SDZ	9-11-07
CK. BY	DATE
GJP	9-14-07
APP. BY	DATE
GJP	9-14-07

TITLE: MICROPHONE
OUTLINE DRAWING

VWP-H-30109-000
SHT 1.1

KEIIIASIZE.FRM Rev: B



SENSITIVITY

FREQUENCY	MIN.	NOM.	MAX.
100	---	-74.0	---
1000	-77.0	-74.0	-71.0
10000	---	-62.0	---

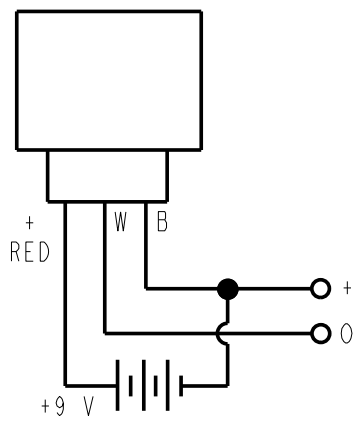
DEVICE CONFORMITY

RANGE OF DEVIATION FROM 1KHz	
-4.0	+4.0
0.0	0.0
+8.0	+16.0

NOTES:

1. CASE CONNECTED TO NEGATIVE TERMINAL.
2. MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
3. CONFORMS TO REQUIREMENTS SHOWN ON 'ELECTRET MICROPHONE ENVIRONMENTAL QUALIFICATIONS TEST, EK-PA SHEET 2.2' WITH REF. FREQ. 1000 Hz.
4. TYPICAL SENSITIVITY TO HUMIDITY AT 1000 Hz IS 0.02 dB/%RH.
5. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

DC SUPPLY	AMPLIFIER CURRENT DRAIN	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)	OUTPUT IMPEDANCE OHMS		
			MIN.	NOM.	MAX.
9.0V	N/A	40.0 dB MAX.	N/A	N/A	N/A



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	B
B	C10107752	8-14-08		
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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: MICROPHONE
PERFORMANCE SPECIFICATION

VWP-H-30109-000
SHT 2.1

DR. BY	DATE
SDZ	9-11-07
CK. BY	DATE
GJP	9-14-07
APP. BY	DATE
GJP	9-14-07

Mouser Electronics

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Knowles:

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