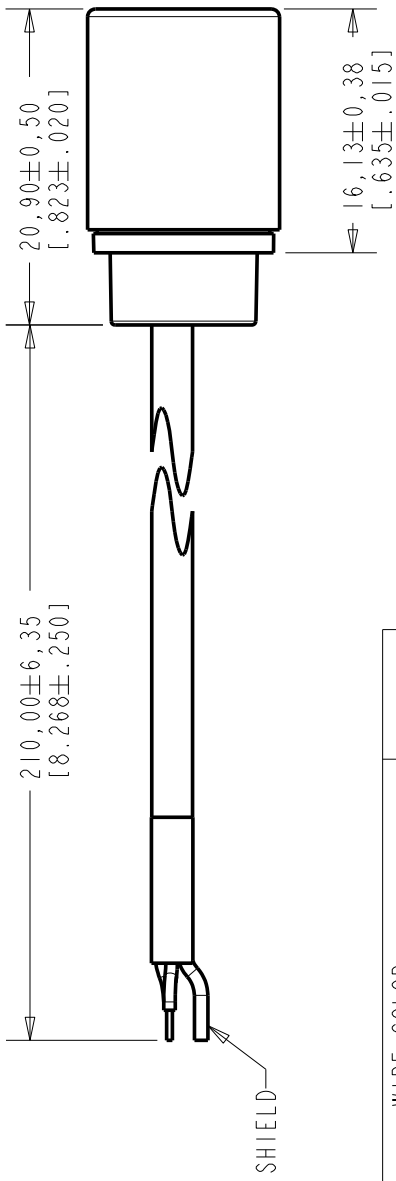
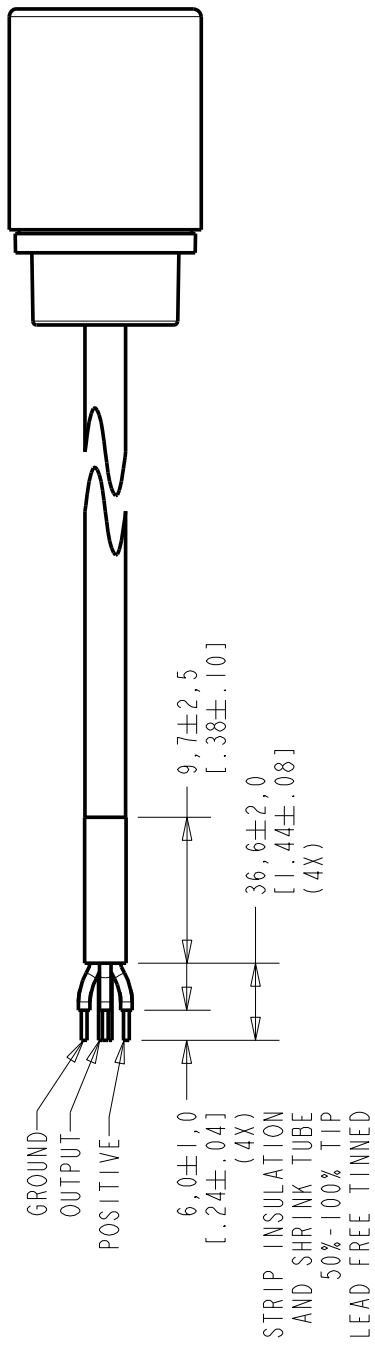




**THE DATASHEET OF  
VEK-H-30108-000**





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

DIMENSIONS IN MILLIMETERS [INCHES]

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Revision	C.O. #	Implementation Date	RELEASE
A	C10106336	7-16-08	Act

SCALE:

2:1

DO NOT SCALE DRAWING

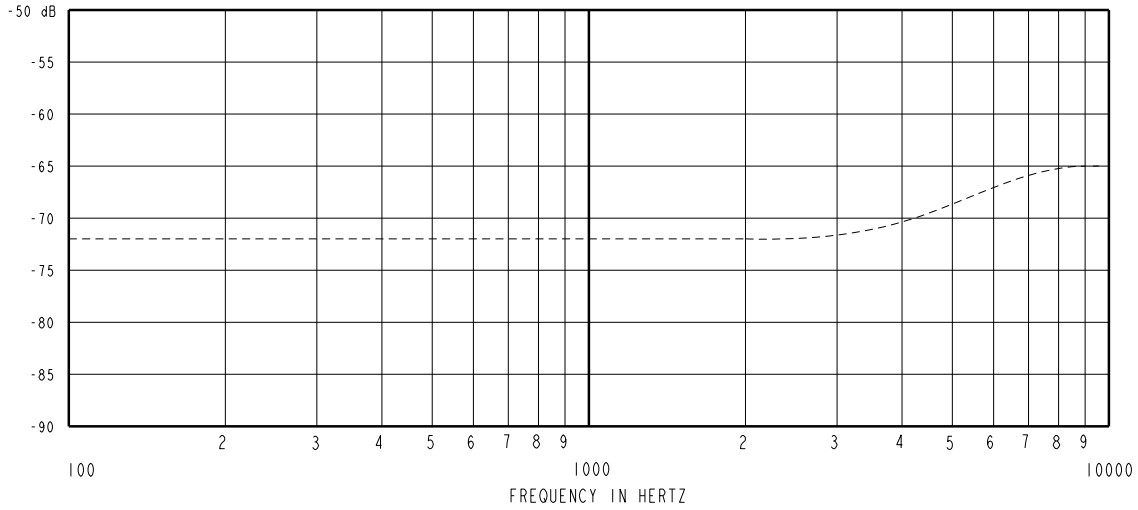
TITLE: **MICROPHONE**

**WEK-H-3010**

OUTLINE DRAWING

SHT 1.

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M<sup>2</sup>)  
FOR CONDITIONS SHOWN BELOW.

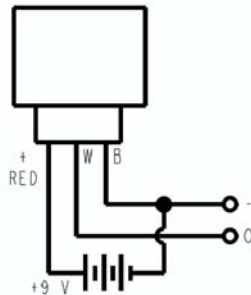


FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-72.0	---	-3.0	+3.0
1000	-75.0	-72.0	-69.0	0.0	0.0
10000	---	-65.0	---	+4.0	+10.0

NOTES:

- CASE CONNECTED TO NEGATIVE TERMINAL.
- MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
- CONFORMS TO REQUIREMENTS SHOWN ON 'ELECTRET MICROPHONE ENVIRONMENTAL QUALIFICATIONS TEST, EK-PA SHEET 2.2' WITH REF. FREQ. 1000 Hz.
- TYPICAL SENSITIVITY TO HUMIDITY AT 1000 Hz IS 0.02 dB/%RH.
- 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
A	CI0106336	7-16-08	Design	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		DR. BY	DATE
		SDZ	7-16-08
TITLE: MICROPHONE		CK. BY	DATE
PERFORMANCE SPECIFICATION		GJP	7-22-08
VEK-H-30108-000		APP. BY	DATE
SHT 2.1		GJP	7-22-08

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 [Knowles](#) Information

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