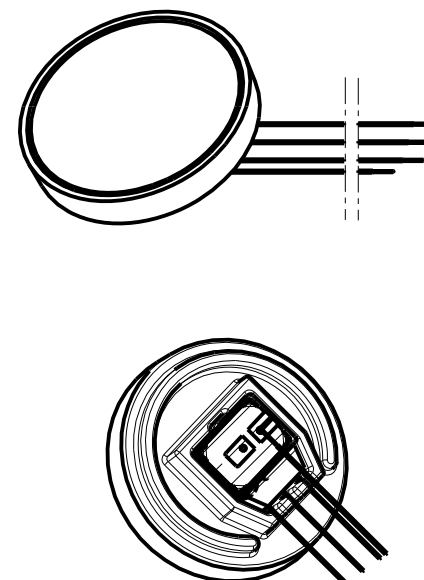
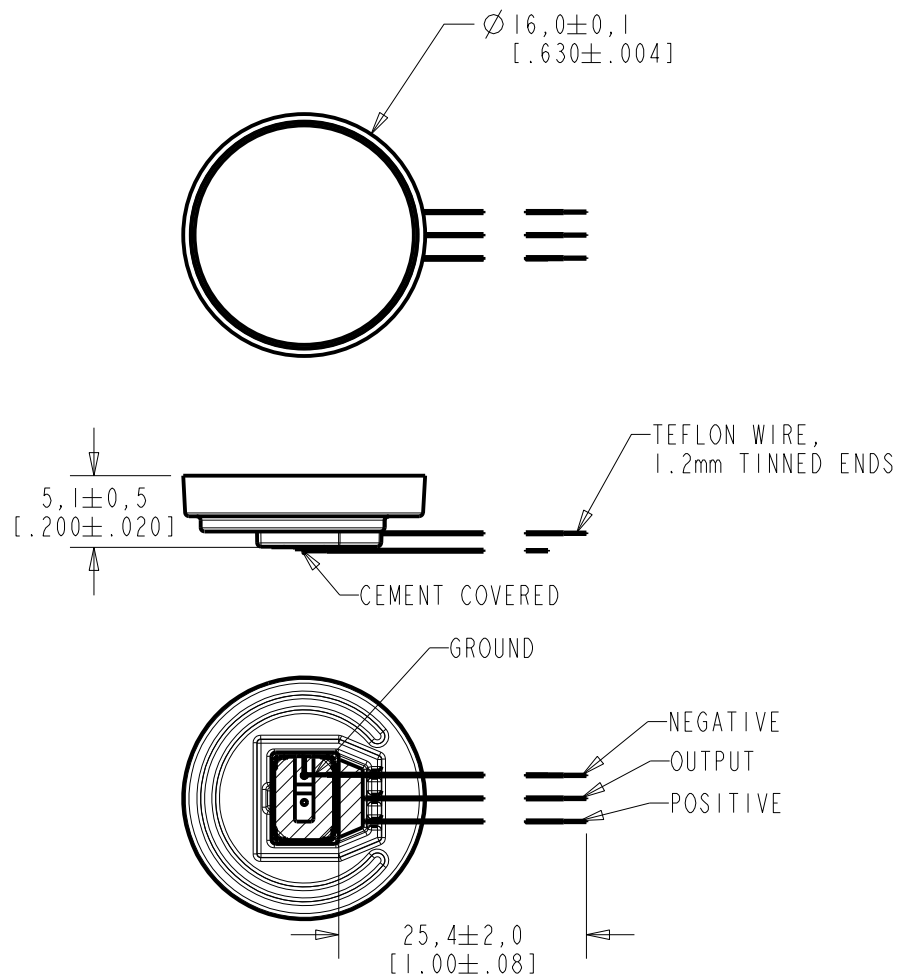


VEK-F-30470-000

SHT 1.1



WIRE COLOUR				WEIGHT GRAMS
POSITIVE	OUTPUT	NEGATIVE	GROUND	
RED	YELLOW	BLUE	GREEN	---

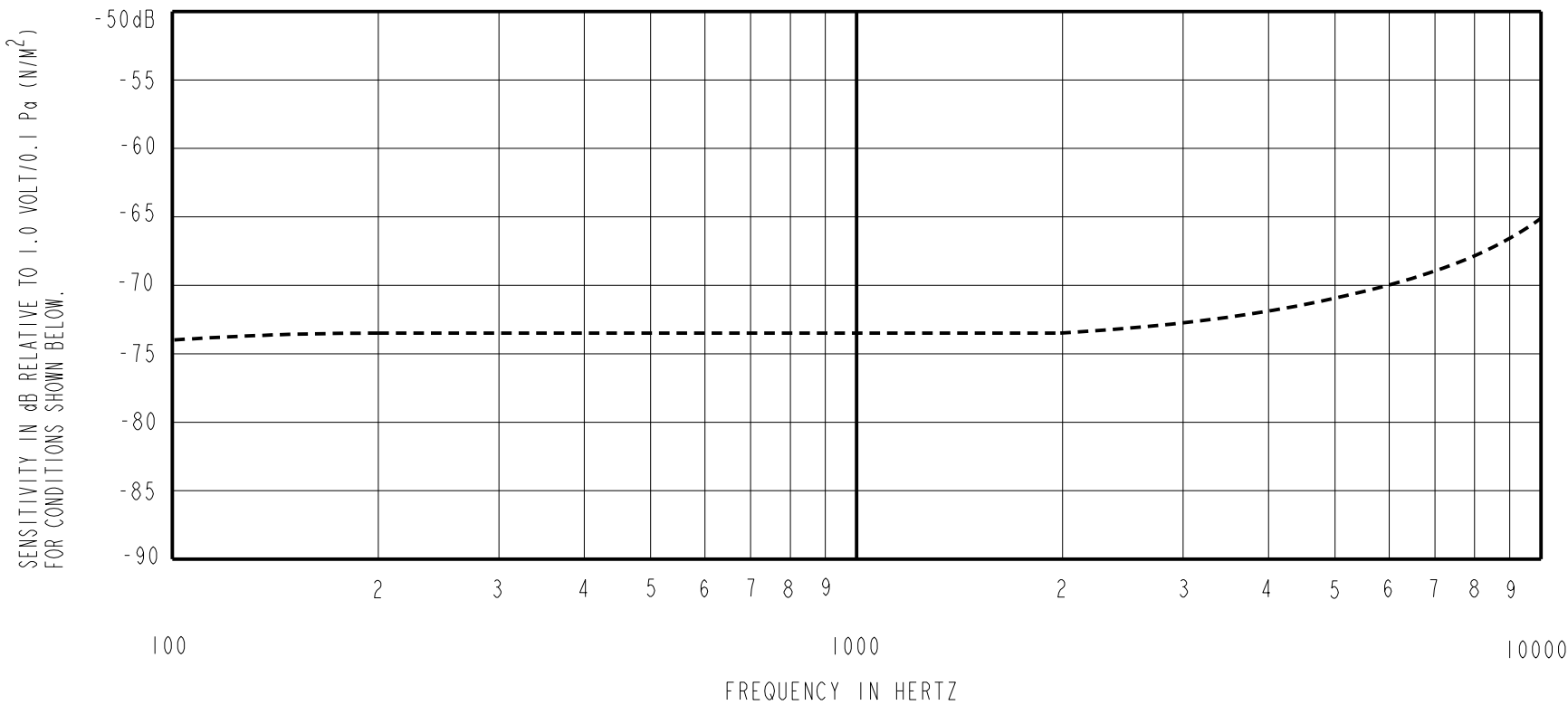
DIMENSIONS IN MILLIMETERS [INCHES]

**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	C40100469	10-14-10	<b>Active</b>	<b>C</b>
B	C10107779	8-27-08		
A	C10107758	8-11-08		
SCALE: 2:1			DR. BY TT	DATE 8-27-08
DO NOT SCALE DRAWING			CK. BY GJP	DATE 9-11-08
TITLE: <b>WATERPROOF MICROPHONE&amp;CABLE</b>			APP. BY GJP	DATE 9-11-08
OUTLINE DRAWING			VEK-F-30470-000 SHT 1.1	

KE111ASIZE.FRM

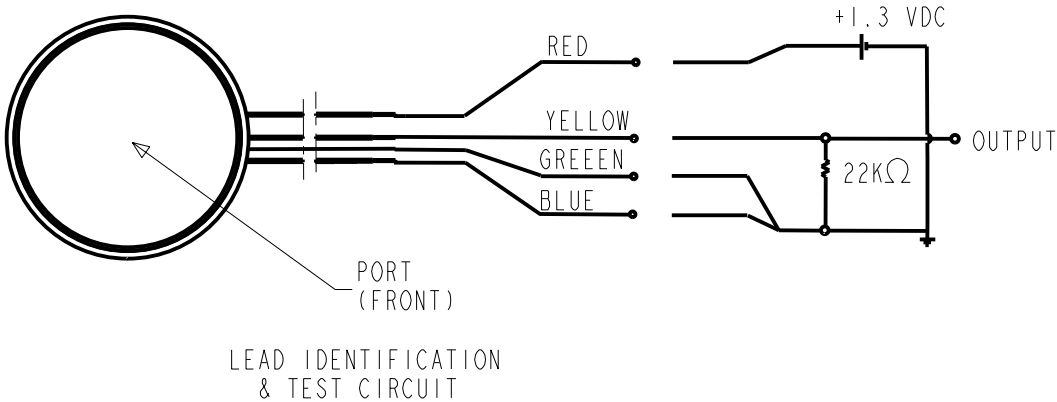
Rev: B



FREQUSNCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-74.0	---	-4.0	+2.0
1000	-70.0	-73.0	-76.0	0.0	0.0
10000	---	-65.0	---	+3.0	+13.0

NOTES:

1. MICROPHONE TO BE FUNCTION WITH 10 VDC SUPPLY.
2. SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
3. TEST CONDITIONS:  
SEAL PRODUCT TO 74 dBSPL SWEPT  
SOUND FIELD CREATED BY VOICE APERTURE.  
ARTIFICIAL VOICE:  
B & k 4227 MOUTH SIMULATOR.
4. FOR MICROPHONE CAPSULE SPEC. SEE DRAWING EK-26899-P58 SHEET 2.1.
5. SURVIVES SUBMERSION IN 1m OF WATER FOR 30 MINUTES;  
SENSITIVITY WITHIN 3dB OF INITIAL SENSITIVITY AFTER DRIED  
FOR 30 MINUTES AT ROOM TEMPERATURE.
6. CONNECT SHIELD WIRE TO NEGATIVE WIRE FOR TEST.



KNOWLES ELECTRONICS  
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
C	C40100469	10-14-10	Active		C
B	C10107779	8-27-08			
A	C10107758	8-11-08			
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	
			TT	8-27-08	
TITLE: <b>WATERPROOF MICROPHONE&amp;CABLE</b> PERFORMANCE SPECIFICATION			CK. BY	DATE	
			GJP	9-11-08	
			APP. BY	DATE	
			GJP	9-11-08	

VEK-F-30470-000

SHT 2.1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Knowles:

[VEK-F-30470-000](#)