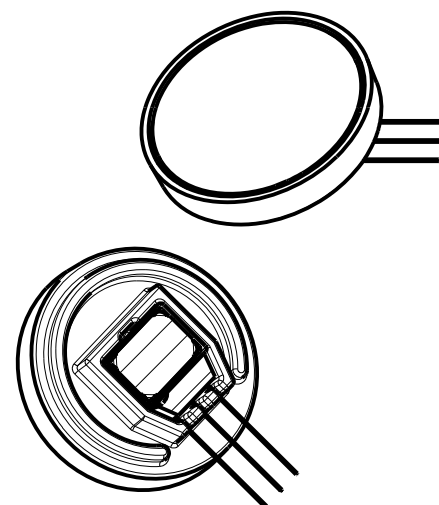
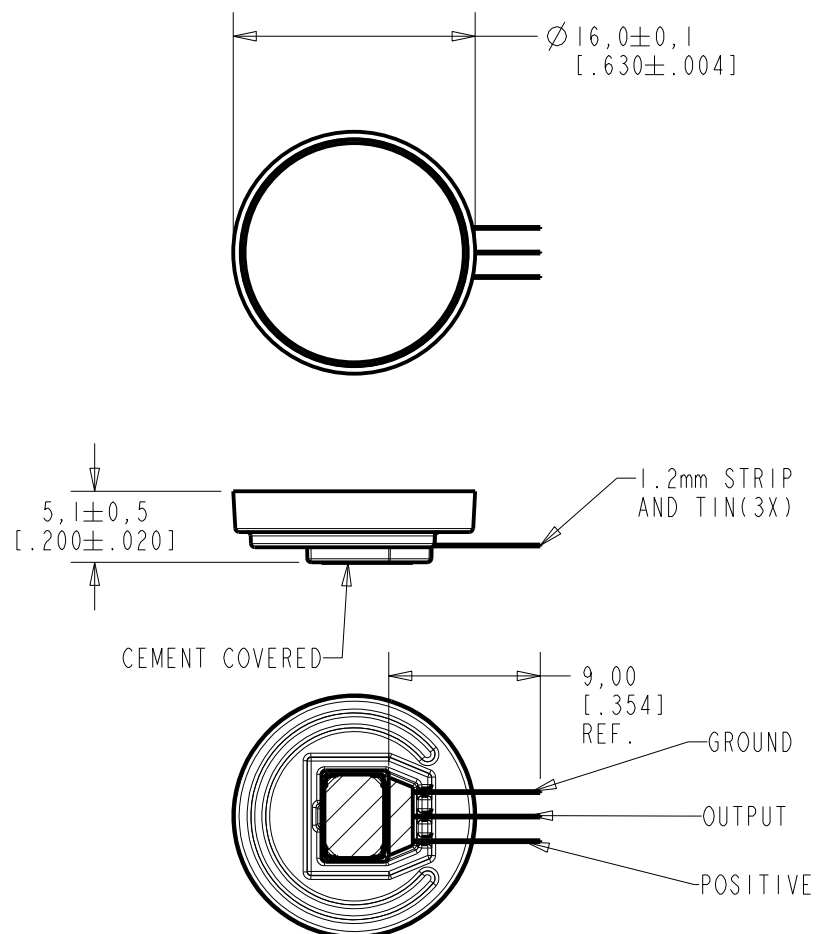


VEK-F-30300-000  
SHT 1.1

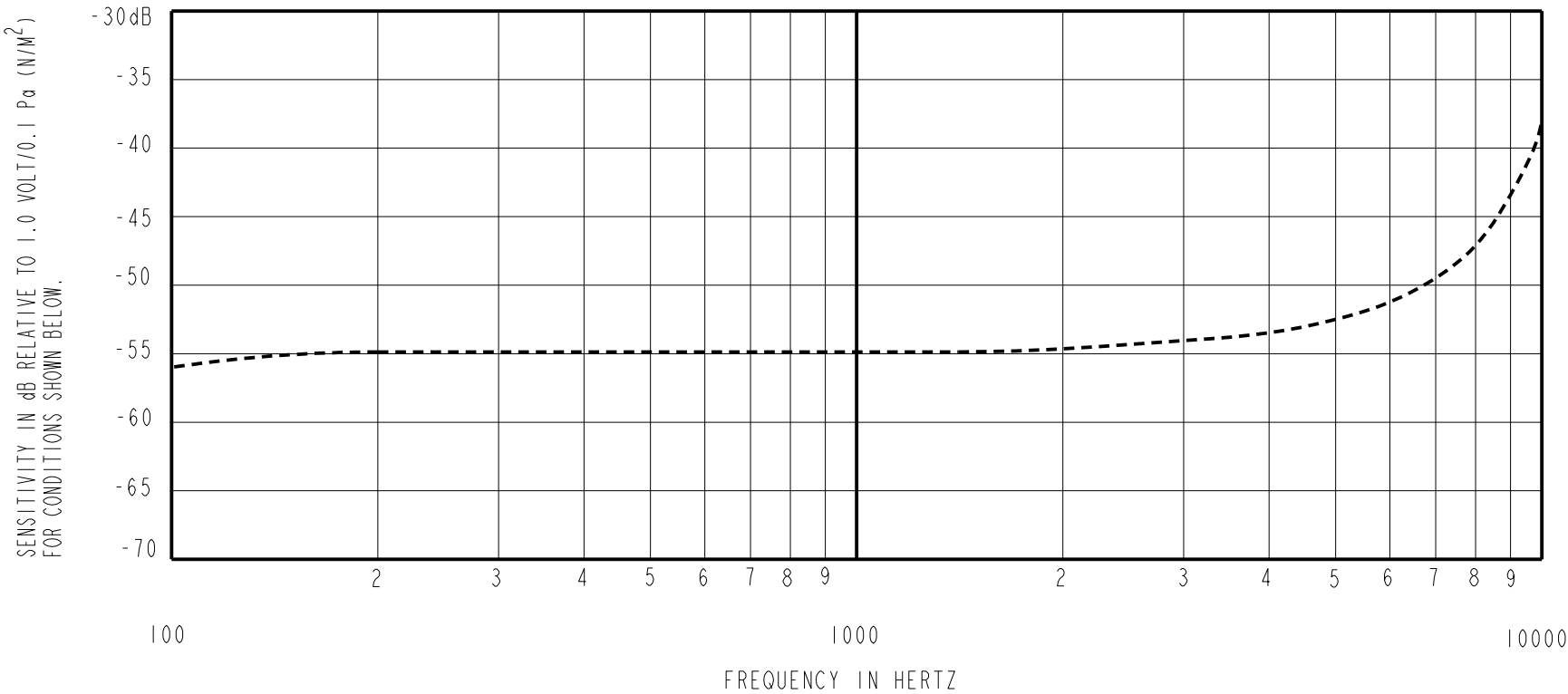


WIRE COLOUR			WEIGHT GRAMS
POSITIVE	OUTPUT	GROUND	
RED	YELLOW	BLUE	---

DIMENSIONS IN MILLIMETERS [INCHES]

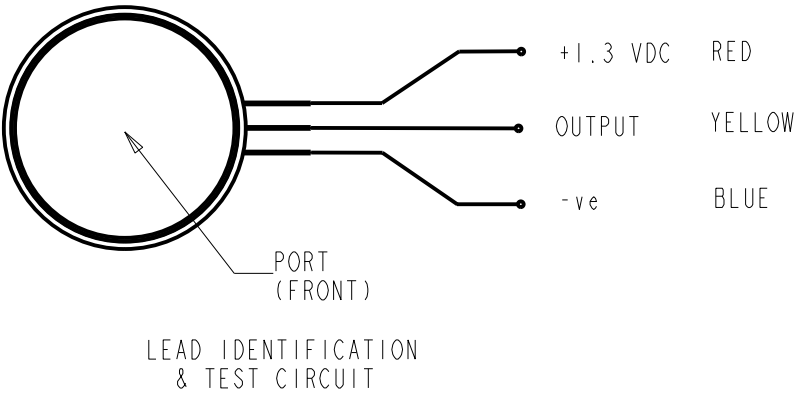
**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	C40100980	7-20-12	Active	C
B	C10109741	7-30-09		
A	C10108531	12-11-08		
SCALE: 2:1			DR. BY TT	DATE 12-11-08
DO NOT SCALE DRAWING			CK. BY GJP	DATE 12-11-08
TITLE: WATERPROOF MICROPHONE & CABLE			VEK-F-30300-000	
OUTLINE DRAWING			SHT 1.1	
			APP. BY GJP	DATE 12-11-08



FREQUSNCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-56.0	---	-4.0	+2.0
1000	-58.0	-55.0	-52.0	0.0	0.0
10000	---	-38.0	---	+12.0	+22.0

- 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-23132-000 SHEET 2.1.
  - 5. SURVIVES 20m SUBMERSION BASED ON QUALIFICATION TESTING;  
100% TEST 30 MINUTES 1m SUBMERSION; SENSITIVITY WITHIN  
3dB OF INITIAL SENSITIVITY AFTER DRIED FOR 30 MINUTES AT ROOM TEMPERATURE.



KNOWLES ELECTRONICS  
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
C	C40100980	7-20-12	Active		C
B	C10109741	7-30-09			
A	C10108531	12-11-08			
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	12-11-08	
TITLE WATERPROOF MICROPHONE&CABLE VEK-F-30300-000			CK. BY	DATE	
			GJP	12-11-08	
PERFORMANCE SPECIFICATION			APP. BY	DATE	
			GJP	12-11-08	
			SHT 2.1		