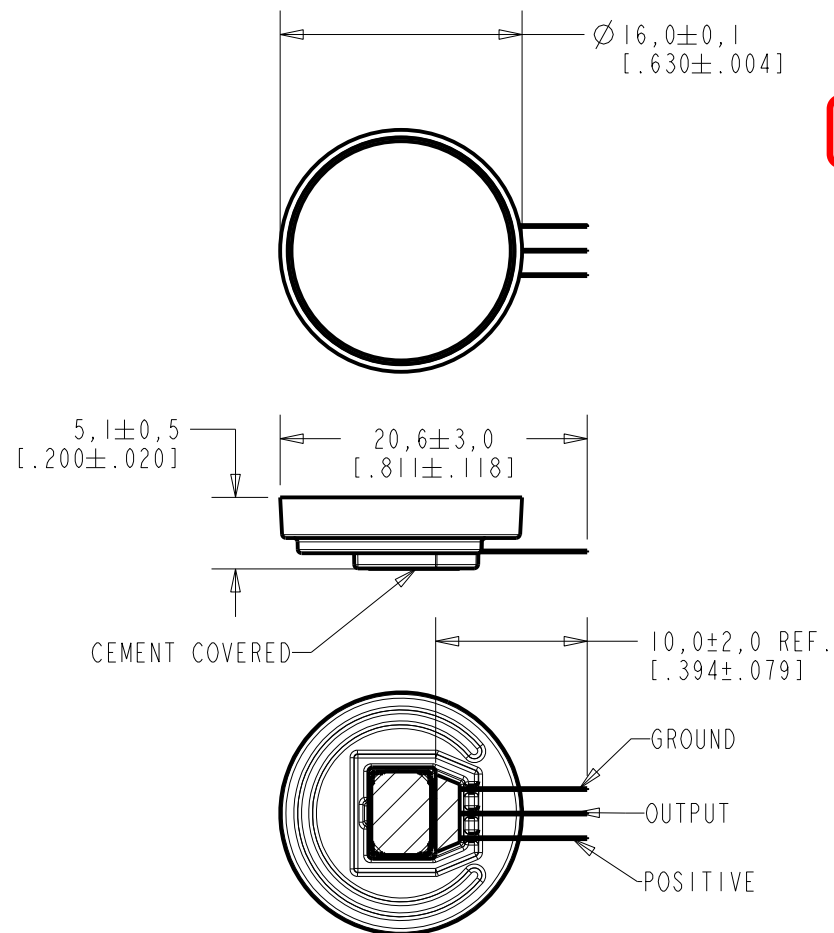
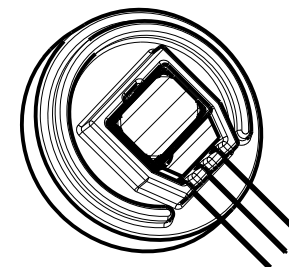
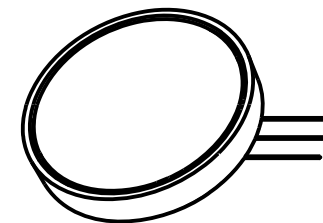


VEK-F-30460-000
SHT 1.1



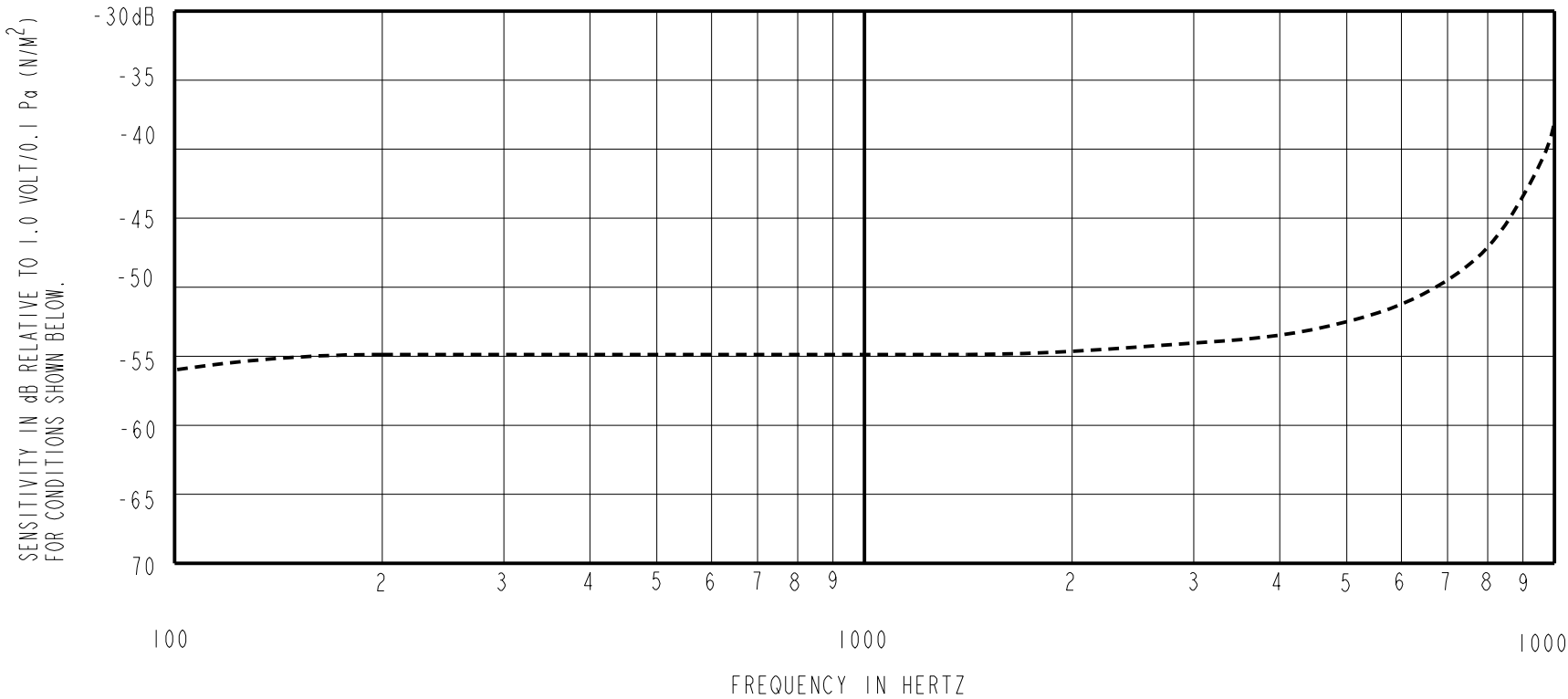
RED CONTROLLED



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	C40101206	3-7-13	Active	E
D	C10107779	8-20-08		
SCALE: 2:1			DR. BY TT	DATE 4-8-08
DO NOT SCALE DRAWING			CK. BY GJP	DATE 4-17-08
WATERPROOF MICROPHONE & CABLE			APP. BY GJP	DATE 4-17-08
OUTLINE DRAWING			VEK-F-30460-000 SHT 1.1	

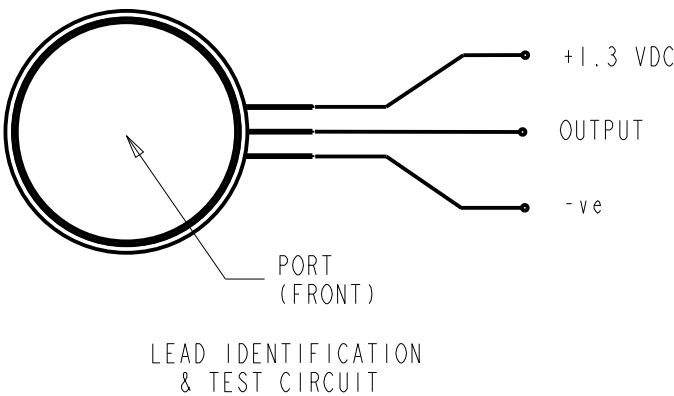


RED CONTROLLED

FREQUSNY	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:

- MICROPHONE TO BE FUNCTION WITH 10 VDC SUPPLY.
- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- TEST CONDITIONS:
SEAL PRODUCT TO 74 dBSPL SWEPT
SOUND FIELD CREATED BY VOICE APERTURE.
ARTIFICIAL VOICE:
B & k 4227 MOUTH SIMULATOR.
- FOR MICROPHONE CAPSULE SPEC. SEE DRAWING EK-23132-C36 SHEET 2.1.
- SURVIVES SUBMERSION IN 1m OF WATER FOR 30 MINUTES;
SENSITIVITY WITHIN 3dB OF INITIAL SENSITIVITY AFTER DRIED
FOR 30 MINUTES AT ROOM TEMPERATURE.

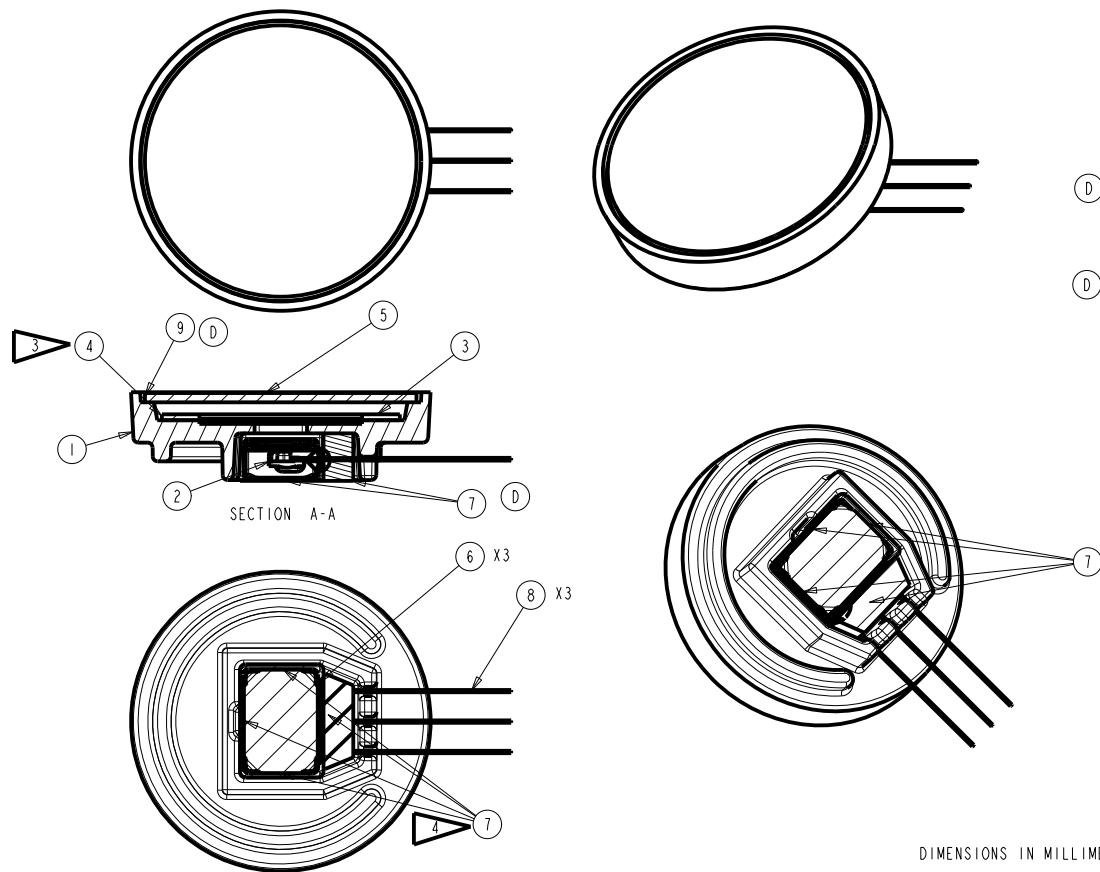


KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	C40101206	3-7-13	Active	E
D	C10107779	8-20-08		
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 TT	DATE 4-8-08
TITLE WATERPROOF MICROPHONE&CABLE			CK. BY GJP	DATE 4-17-08
PERFORMANCE SPECIFICATION			APP. BY GJP	DATE 4-17-08
			VEK-F-30460-000 SHT 2.1	

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VEK-F-30460-000



NOTES:

1. ITEM NUMBERS (SHOWN THUS ) ON DRAWING CORRESPOND WITH ITEM NUMBERS ON BILL OF MATERIAL.

 2. ATTACH ITEM  TO ITEM  USING CEMENT ITEM 

 3. WATERPROOF SEAL BETWEEN ITEMS  &  WITH CEMENT (ITEM ).

 4. SEAL WHOLE CAVITY WITH ITEM . INCLUDE SURFACE OF MICROPHONE ELEMENT AND TERMINAL STRIP.

RED CONTROLLED

DIMENSIONS IN MILLIMETERS [INCHES]

MATERIAL . . .				FINISH . . .		SCALE: 4:1		DO NOT SCALE DRAWING		
REF.	10-xxxx	A c.o.	C10107365	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	THIRD ANGLE PROJECTION	KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.			DR. BY	DATE
		B c.o.	C10107373						TT	4-8-08
		MODIFIED SHEET 2.1							CH. BY	DATE
		TT 6-19-08							GJP	4-17-08
									APP. BY	DATE
		C c.o.	C10107752			GJP	4-17-08			
		NAME CHANGED ADDED F								
LSY 8-12-08										
D c.o.	C10107779									
MODIFIED SHEET 1.1&2.1										
MODIFIED NOTES 2&4										
ADDED ITEM 9										
TT 8-20-08										
E c.o.	C40101206									
UPDATE THE REVISION										
00 3-7-13										
						WATERPROOF MICROPHONE&CABLE ASSEMBLY		VEK-F-30460-000		
								SHEET 3.1		

KEY: 131.B512.FRM REV: B

