



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

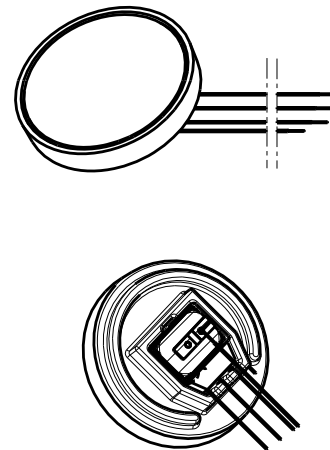
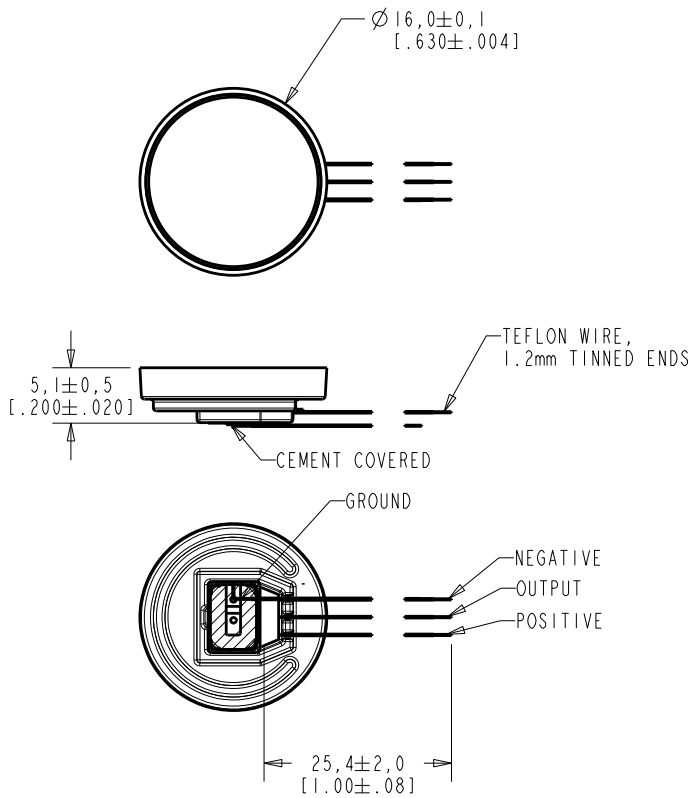
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



VEK-F-30470-000
SHT 1.1



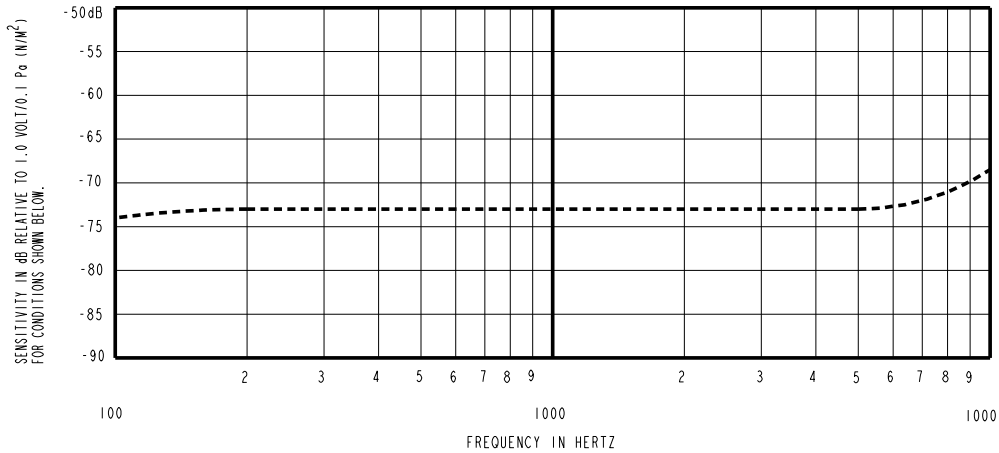
WIRE COLOUR				WEIGHT GRAMS
POSITIVE	OUTPUT	NEGATIVE	GROUND	
RED	YELLOW	BLUE	GREEN	---

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

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

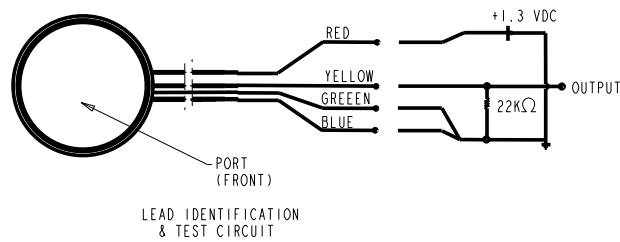
HE111ASIZE.FRM Rev: B



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHZ	
100	---	-74.0	---	-4.0	+1.0
1000	-70.0	-73.0	-76.0	0.0	0.0
10000	---	-68.5	---	-0.5	+8.5

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 dB SPL SWEPT
SOUND FIELD CREATED BY VOICE APERTURE.
ARTIFICIAL VOICE:
B & k 4227 MOUTH SIMULATOR.
- FOR MICROPHONE CAPSULE SPEC. SEE DRAWING EK-26899-P58 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.
- CONNECT SHIELD WIRE TO NEGATIVE WIRE FOR TEST.



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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		DR. BY	DATE
		TT	8-27-08
		CK. BY	DATE
		GJP	9-11-08
		APP. BY	DATE
		GJP	9-11-08

TITLE: **WATERPROOF MICROPHONE & CABLE VЕК-F-30470-000**
PERFORMANCE SPECIFICATION **SHT 2.1**