



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

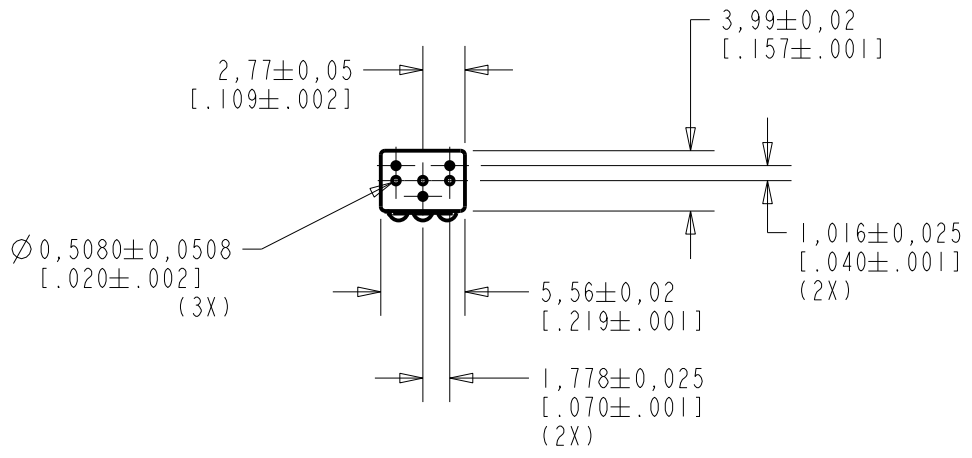
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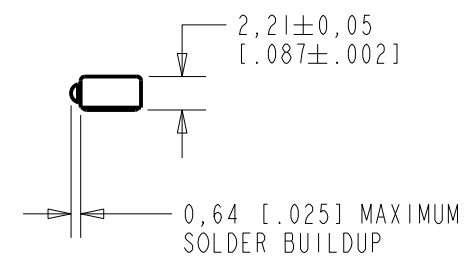
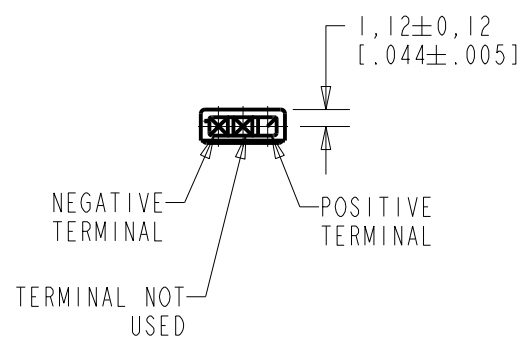


NR-23160-000
SHT 1.1

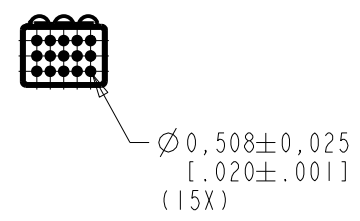


NOTE:

1. INCREASED PRESSURE AT THE SOUND INLET CAUSES A POSITIVE GOING VOLTAGE TO APPEAR AT THE OUTPUT TERMINAL, RELATIVE TO THE NEGATIVE TERMINAL.



NOMINAL WEIGHT
.13 GRAM

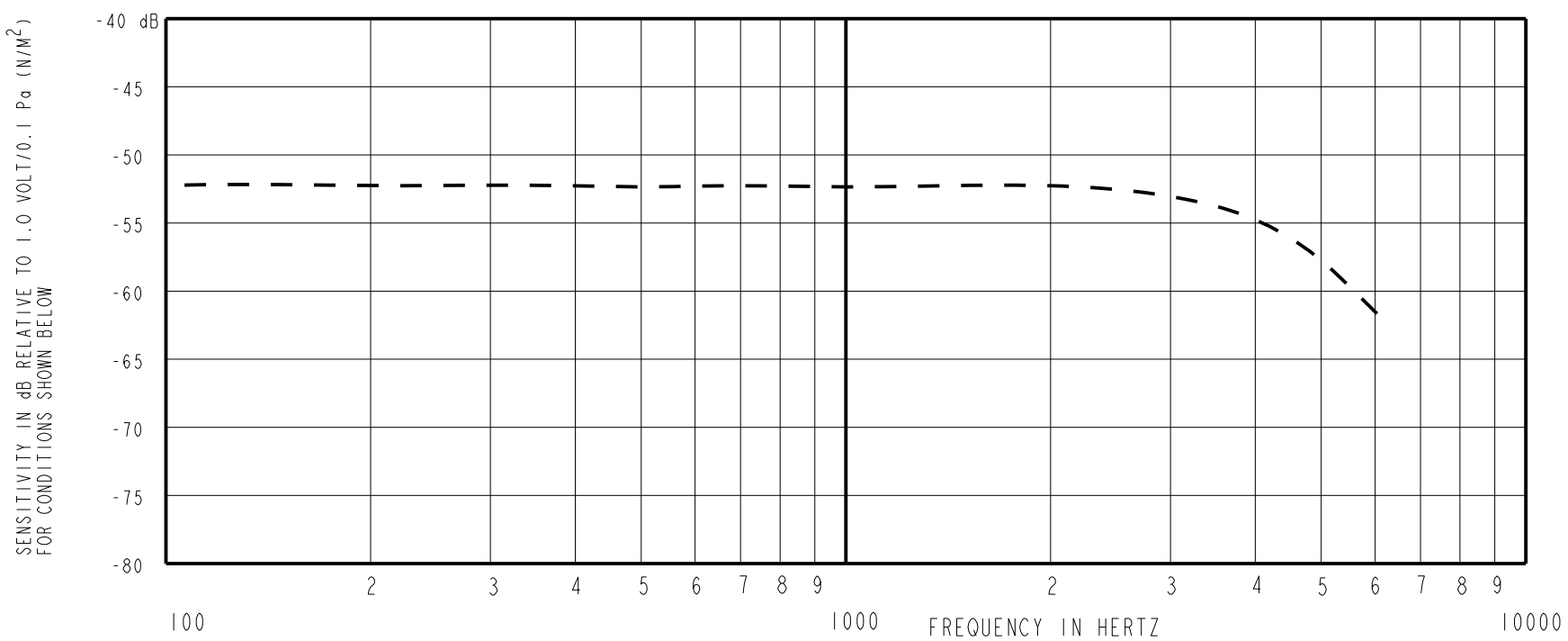


DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	MI0104725	7-06-12		
SCALE: 2:1				
DO NOT SCALE DRAWING			DR. BY	DATE
TITLE: MICROPHONE			DMS	06/07/05
			NR-23160-000	
OUTLINE DRAWING			GJP	06/09/05
			SHT 1.1	
			GJP	06/09/05

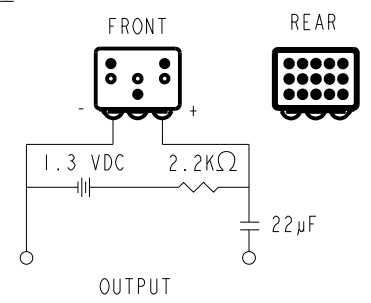
NR-23160-000
SHT 2.1



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1 KHz	
100	---	-52.0	---	-2.0	+2.0
1000	-55.0	-52.0	-49.0	0.0	0.0
4000	---	-55.0	---	-6.0	0.0

- NOTES:
- CASE CONNECTED TO NEGATIVE TERMINAL.
 - MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
 - SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
 - PRESSURE DIFFERENCE SENSITIVITY TESTED WITH REAR SOUND PORT SEALED TO AIR VOLUME OF AT LEAST 0.5 CC.

DC SUPPLY	AMPLIFIER CURRENT DRAIN	OUTPUT IMPEDANCE OHMS		
		MIN.	NOM.	MAX.
1.3V	200µA MAX.	1500	2500	3500



VL MODE	VL SPEC
2 WIRE	-
3 WIRE	0.15V-0.90V

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SCALE:	DR. BY	DATE
2:1	DMS	06/07/05
DO NOT SCALE DRAWING	CK. BY	DATE
TITLE:	GJP	06/09/05
MICROPHONE	APP. BY	DATE
PERFORMANCE SPECIFICATION	GJP	06/09/05
NR-23160-000		
SHT 2.1		