

Excellent Integrated System Limited

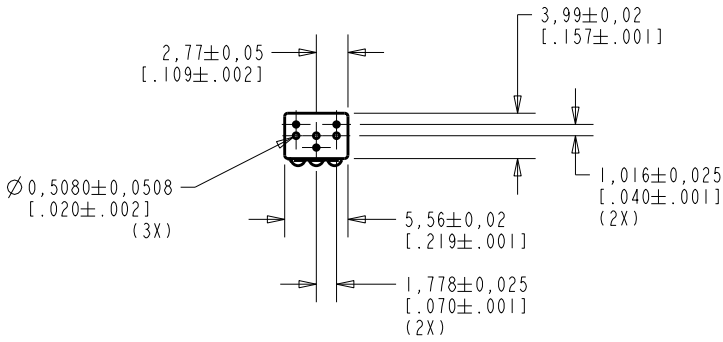
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Knowles](#)
[NR-23160-000](#)

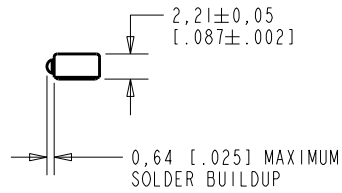
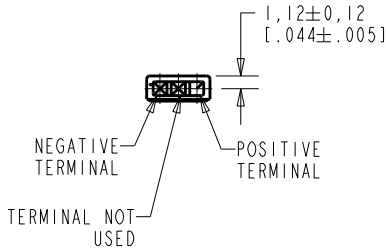
For any questions, you can email us directly:
sales@integrated-circuit.com

NR-23160-000
SHT 1.1

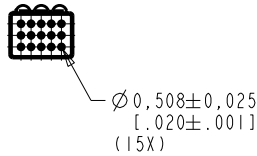


NOTE:

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



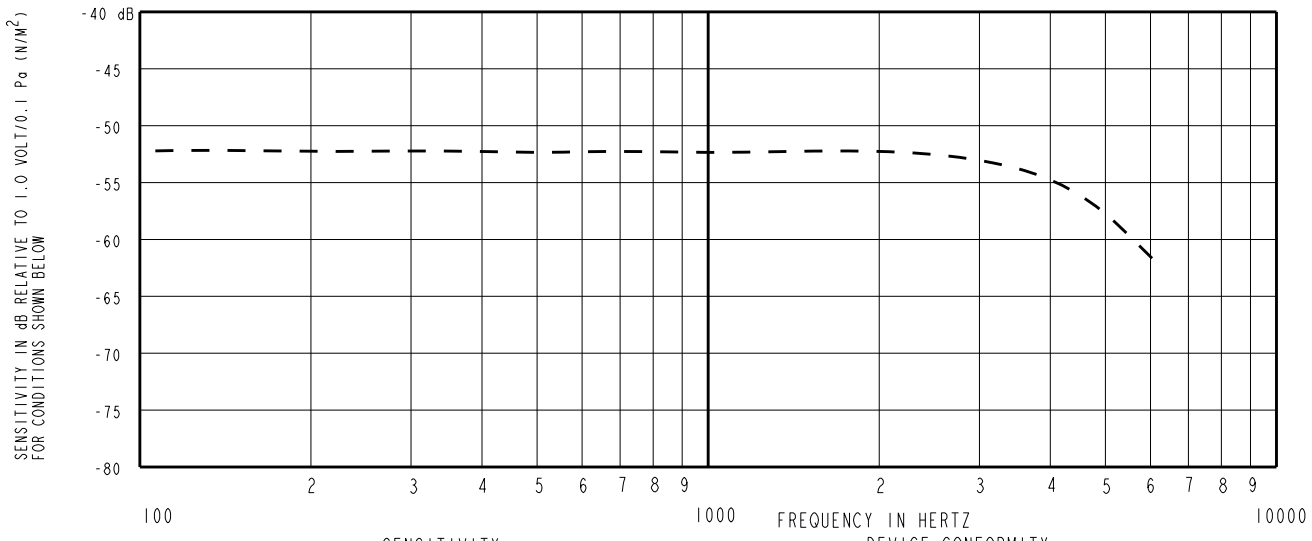
DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	MI0104725	7-06-12		

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

SCALE:	2:1		DR. BY	DATE
DO NOT SCALE DRAWING			DMS	06/07/05
TITLE: MICROPHONE			CK. BY	DATE
OUTLINE DRAWING			GJP	06/09/05
NR-23160-000			APP. BY	DATE
SHT 1.1			GJP	06/09/05

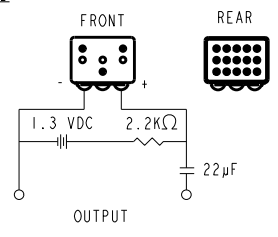
NR-23160-000
SHT 2.1



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

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
D	M10104725	7-06-12	Active	D

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

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