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[HM-31308-P113](#)

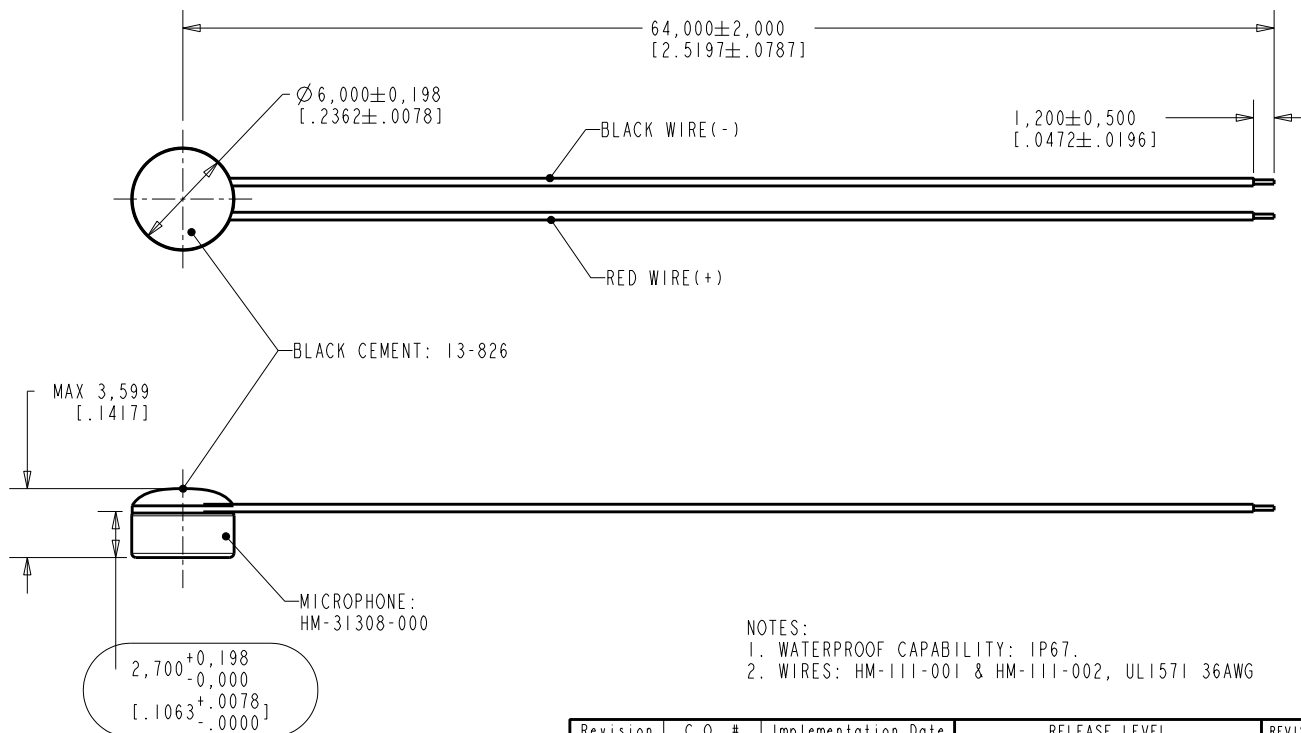
For any questions, you can email us directly:

sales@integrated-circuit.com

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HM-31308-P113

SHT 1.1



NOTES:

1. WATERPROOF CAPABILITY: IP67.
2. WIRES: HM-111-001 & HM-111-002, UL1571 36AWG

DIMENSIONS IN MILLIMETERS [INCHES]

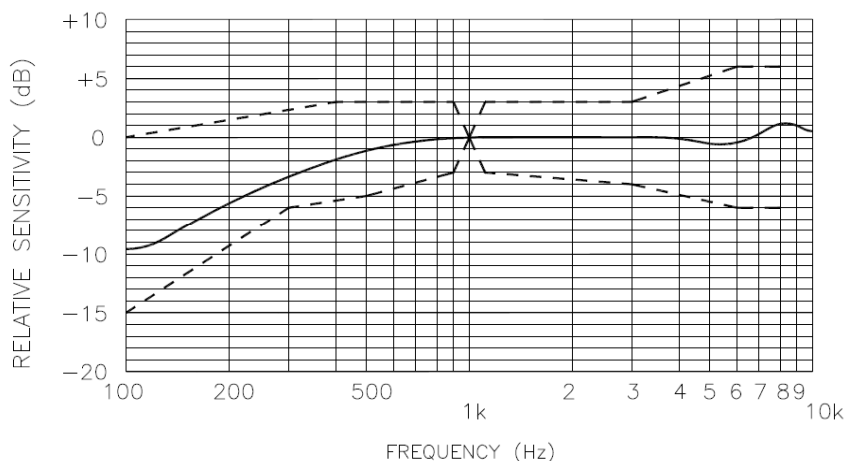
KNOWLES ACOUSTICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	C40100791	11-24-11	Active	A
SCALE: 3:1			DR. BY: 00	DATE: 11-24-11
DO NOT SCALE DRAWING			CK. BY: GJP	DATE: 11-28-11
TITLE: MICROPHONE ASSEMBLY			APP. BY: GJP	DATE: 11-28-11
OUTLINE DRAWING			HM-31308-P113 SHT 1.1	

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Rev: 0

HM-31308-P113
SHT 2.1

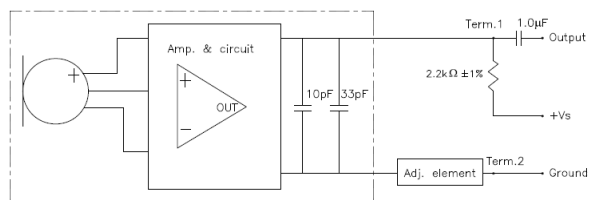


FREQUENCY (Hz)

NOTES:

1. SENSITIVITY: $-32 \pm 3\text{dB}$ re $1.0\text{V/Pa}(\text{N/m}^2)$ AT 1kHz $22 \pm 5^\circ\text{C}$.
2. STANDARD VOLTAGE: 3.0V .
3. CURRENT DRAIN: 0.5mA MAX.
4. S/N RATIO: GREATER THAN OR EQUAL TO 62dB .
5. IMPEDANCE: LESS THAN $0.5\text{k}\Omega$ (1kHz).
6. RANGE OF OPERATING VOLTAGE: 2.5V TO 5.5V .
7. MAXIMUM INPUT SOUND PRESSURE LEVEL: 100dB .
8. SENSITIVITY REDUTION: WITHIN -3dB AT 1.5V .
9. GRADE THE UNITS BASE ON 1kHz SENSITIVITY AND PACKING:

GRADE	GRADE A	GRADE B	GRADE C
SENSITIVITY	$-29 \sim -31\text{dB}$	$-31 \sim -33\text{dB}$	$-33 \sim -35\text{dB}$



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	A
A	C40100791	11-24-11		
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Rev: B