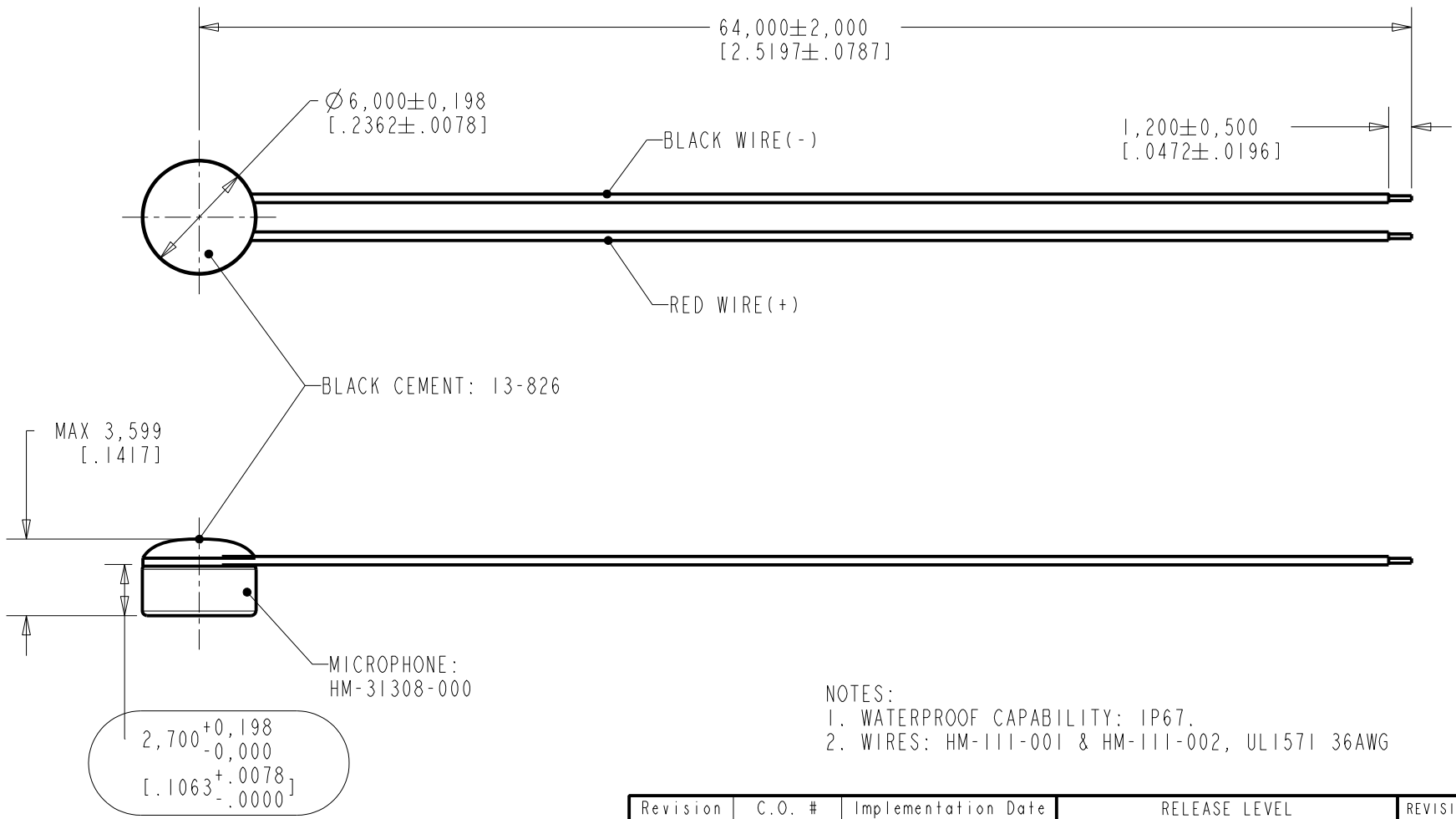


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**HM-31308-P113**  
SHT 1.1



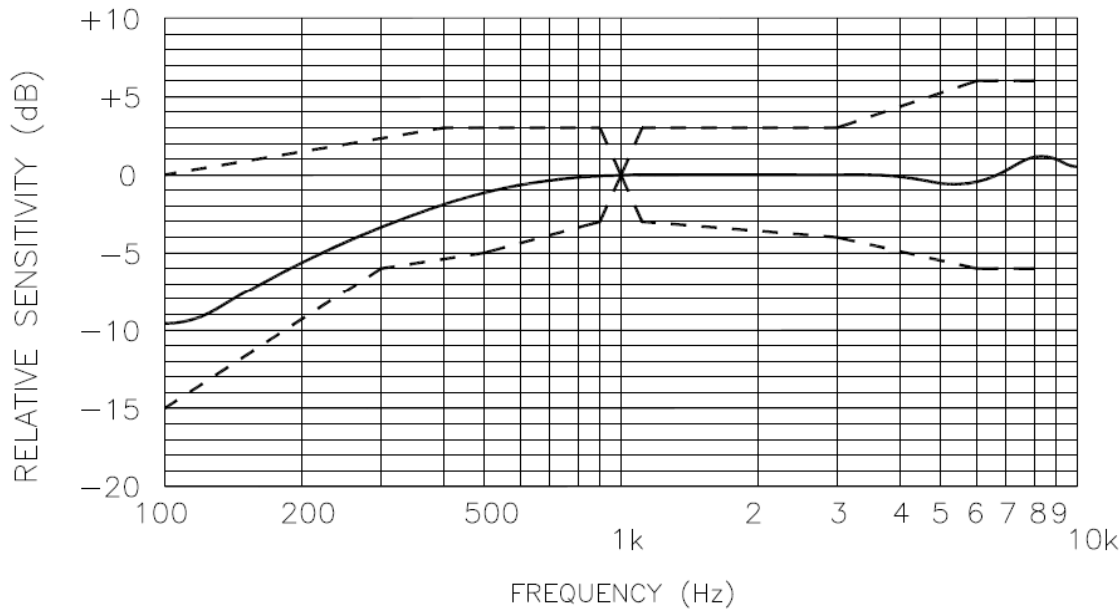
- NOTES:  
 1. WATERPROOF CAPABILITY: IP67.  
 2. WIRES: HM-111-001 & HM-111-002, UL1571 36AWG

DIMENSIONS IN MILLIMETERS [INCHES]

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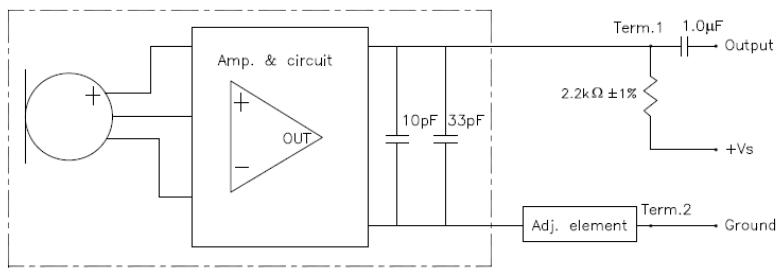
Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			<b>Active</b>	<b>A</b>
A	C40100791	11-24-11		
SCALE: <b>3:1</b>				
DO NOT SCALE DRAWING			DR. BY	DATE
TITLE: <b>MICROPHONE ASSEMBLY</b>			OO	11-24-11
			HM-31308-P113	
OUTLINE DRAWING			GJP	11-28-11
			APP. BY	DATE
			GJP	11-28-11
			SHT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

**HM-31308-P113**  
 SHT 2.1



- NOTES:
1. SENSITIVITY:  $-32 \pm 3\text{dB re } 1.0\text{V/Pa(N/m}^2\text{)}$  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:
 

GARDE	GARDE A	GARDE B	GARDE C
SENSITIVITY	-29~-31dB	-31~-33dB	-33~-35dB



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			<b>Active</b>	<b>A</b>
A	C40100791	11-24-11		

**KNOWLES ACOUSTICS**  
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SCALE: <b>4:1</b>	DR. BY DATE
DO NOT SCALE DRAWING	OO 11-24-11
TITLE: <b>MICROPHONE ASSEMBLY</b> <b>HM-31308-P113</b>	CK. BY DATE
	GJP 11-28-11
	APP. BY DATE
OUTLINE DRAWING	GJP 11-28-11