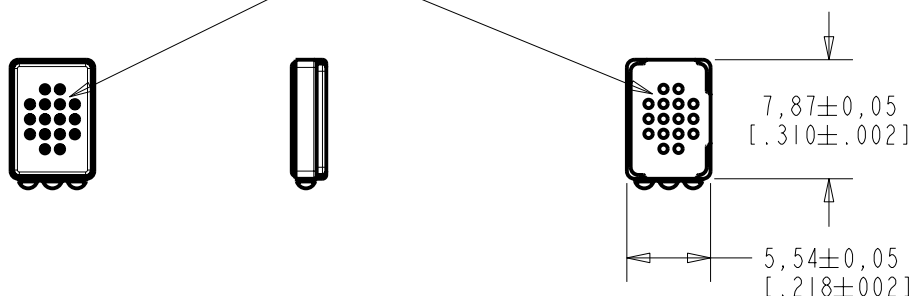


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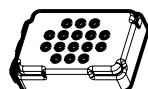
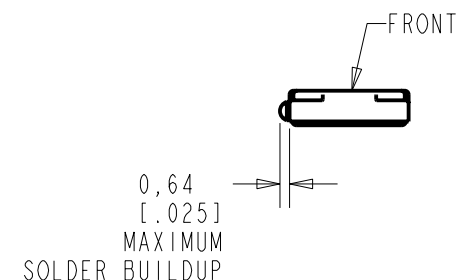
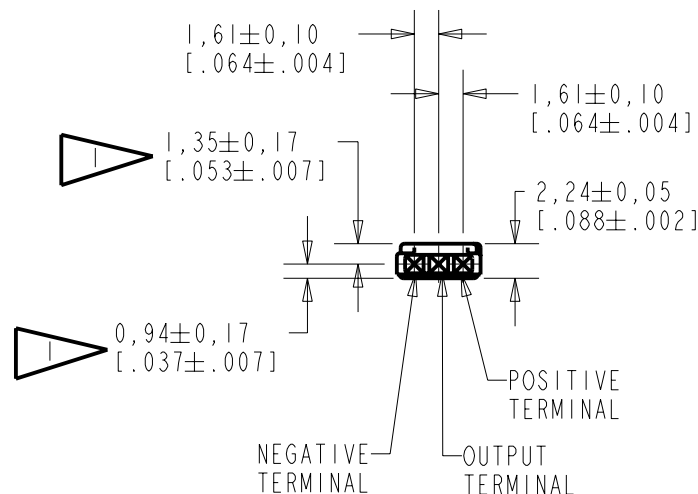
SHT 1.1

ALL HOLES LIE WITHIN
A 4,76 [.1875] Ø CIRCLE



NOTE:

1 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO $\pm 0,17$ [.007].



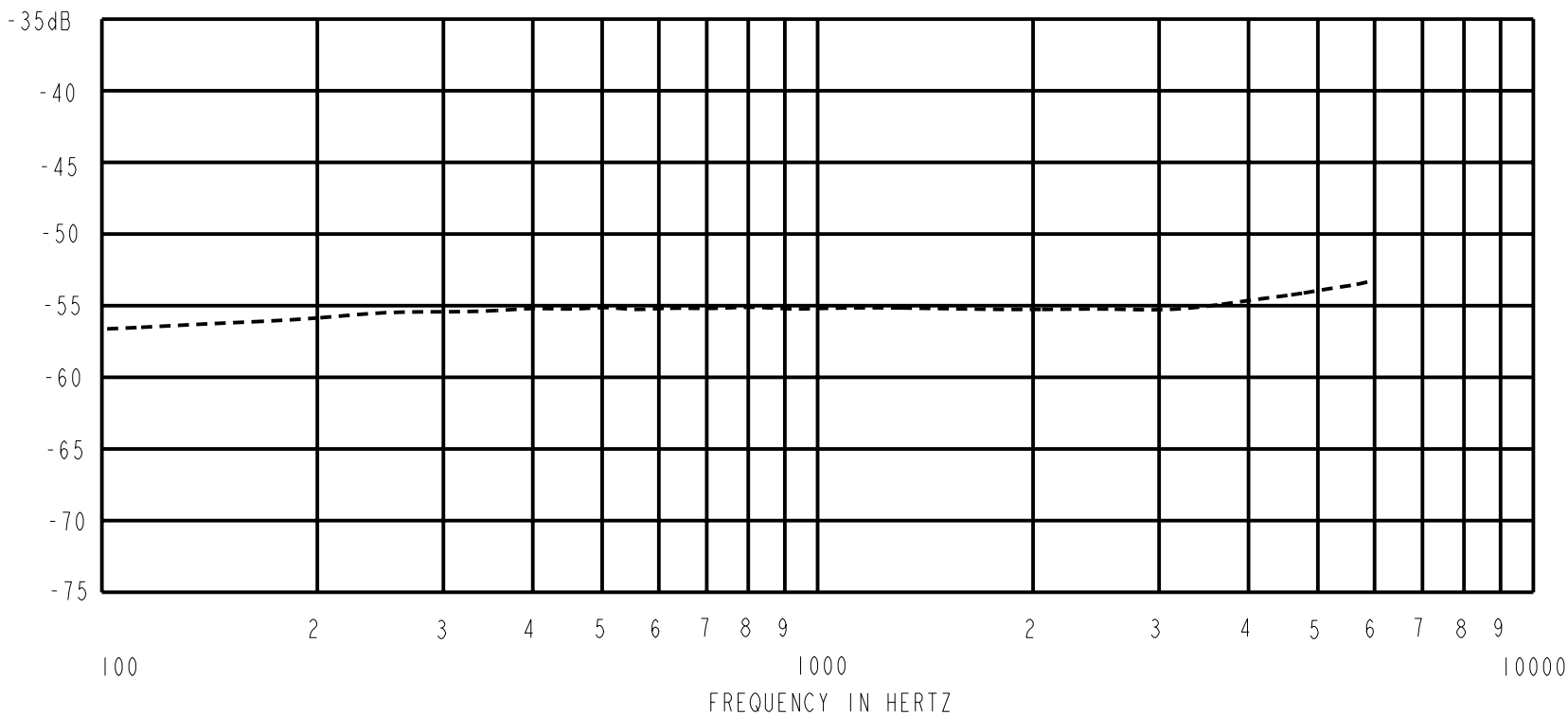
NOMINAL WEIGHT
.28 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

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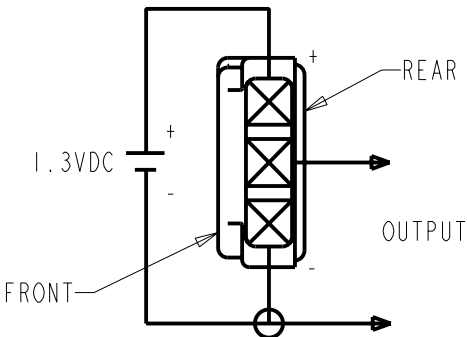
Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	A
A	MI0101318	11-22-06		
SCALE: 2:1			DR. BY	DATE
DO NOT SCALE DRAWING			LSY	11-22-06
TITLE: MICROPHONE OUTLINE DRAWING			CK. BY	DATE
			GJP	11-30-06
			APP. BY	DATE
			GJP	11-30-06
BW-21789-000				
SHT 1.1				

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M²)
FOR CONDITIONS SHOWN BELOW.



FREQUENCY	SENSITIVITY		
	MIN.	NOM.	MAX.
100	---	-56.0	---
1000	-59.0	-55.0	-51.0
≈ 4000	---	-54.5	---

DEVICE CONFORMITY	
RANGE OF DEVIATION FROM 1KHz	
-4.0	+1.0
0	0
-2.0	+4.0



NOTES:

- 1. CASE CONNECTED TO NEGATIVE TERMINAL.
- 2. MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
- 3. CONFORMS TO REQUIREMENTS SHOWN ON 'ELECTRET MICROPHONE ENVIRONMENTAL QUALIFICATION TEST, SHEET 2.2'.

PORT LOCATION	DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)	OUTPUT IMPEDANCE OHMS			CAPACITANCE ±50%	
					MIN.	NOM.	MAX.	1-2	1-3
6NB	1.3V	50 µA MAX.	NA	NA	2000	3500	6000	NA	NA

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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Released		A
A	M10101318	11-22-06			
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		
			LSY 11-22-06		
TITLE: MICROPHONE			CK. BY DATE		
			GJP 11-30-06		
PERFORMANCE SPECIFICATION			APP. BY DATE		
			GJP 11-30-06		
			BW-21789-000		
			SHT 2.1		

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