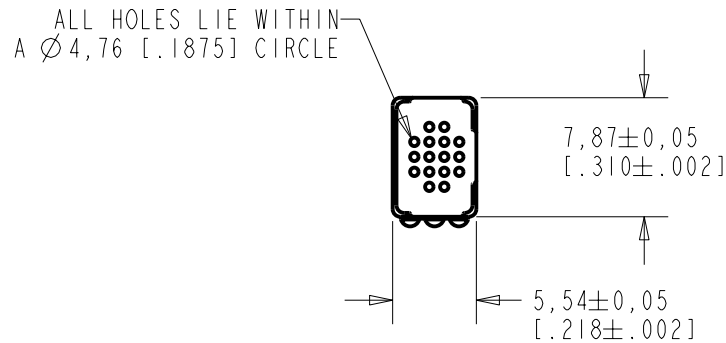

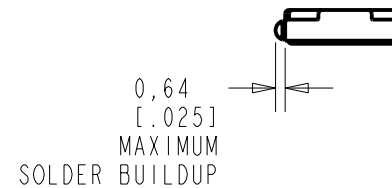
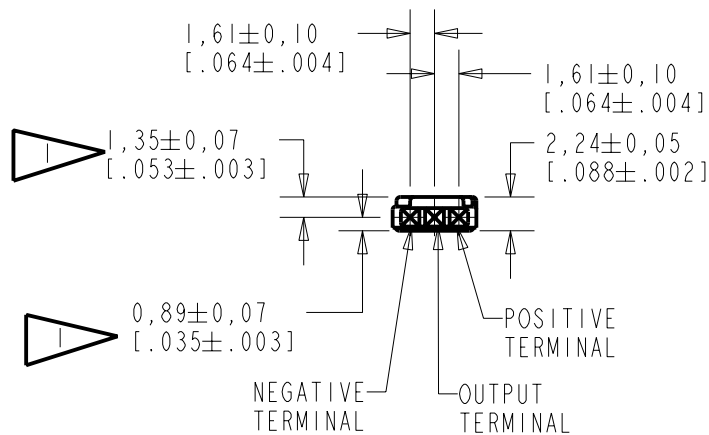


**BT-23357-095**  
SHT 1.1



NOTE:

 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].

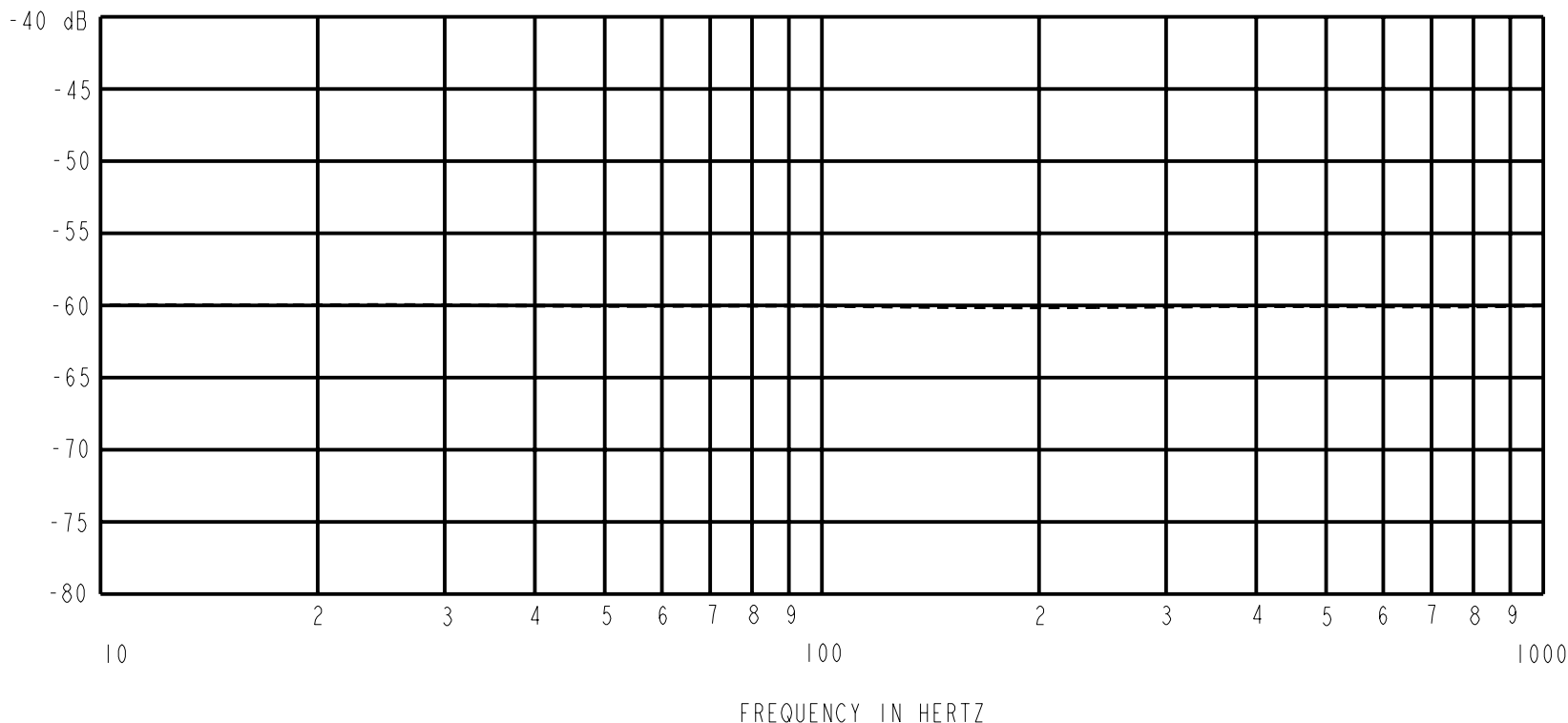


DIMENSIONS IN MILLIMETERS [INCHES]

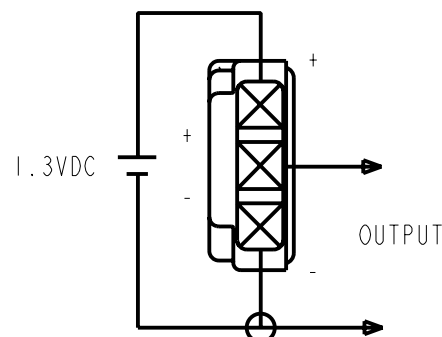
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Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0101355	12-18-06	Released	A
SCALE: 2:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	12-18-06
TITLE: MICROPHONE			CK. BY	DATE
OUTLINE DRAWING			GJP	12-19-06
			APP. BY	DATE
			GJP	12-19-06
			BT-23357-095	
			SHT 1.1	

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M<sup>2</sup>)  
FOR CONDITIONS SHOWN BELOW



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 100 Hz	
100	-62.5	-60.0	-57.5	0.0	0.0
300	---	-60.0	---	-2.5	+2.5



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'.
4. OPEN CIRCUIT SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/MICROBAR (0.1 N/m<sup>2</sup>)

PORT LOCATION	LOAD RESISTANCE ON OUTPUT FOR SENSITIVITY MEASUREMENT OHMS	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)		OUTPUT IMPEDANCE OHMS		
						MIN.	NOM.	MAX.
KA	OPEN CIRCUIT	40 μA MAX.	3 dB MAX.	24.0 dB NOM.	27.0 dB MAX.	2000	3500	6000

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0101355	12-18-06	Released	A

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ITASCA, ILLINOIS U.S.A.

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

TITLE: **MICROPHONE**  
PERFORMANCE SPECIFICATION

**BT-23357-095**  
SHT 2.1

DR. BY	DATE
MMM	12-18-06
CK. BY	DATE
GJP	12-19-06
APP. BY	DATE
GJP	12-19-06

# Mouser Electronics

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