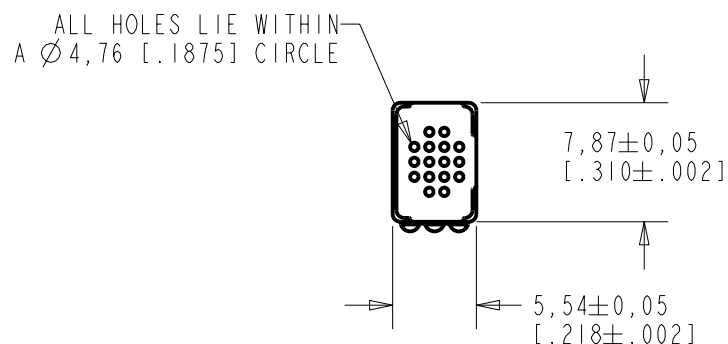


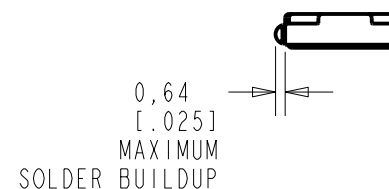
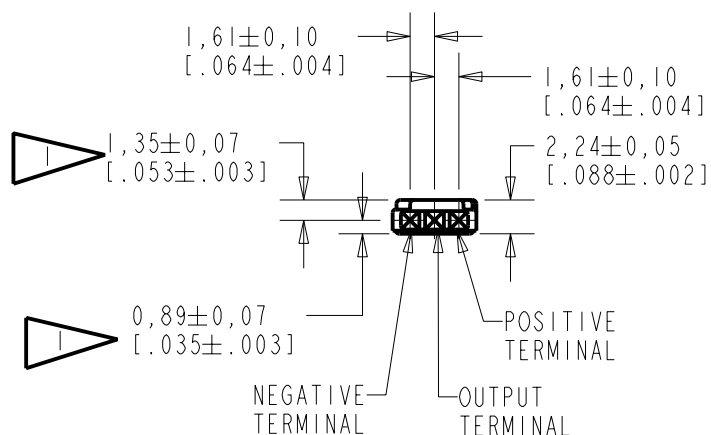
BT-23357-095

SHT 1.1



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].

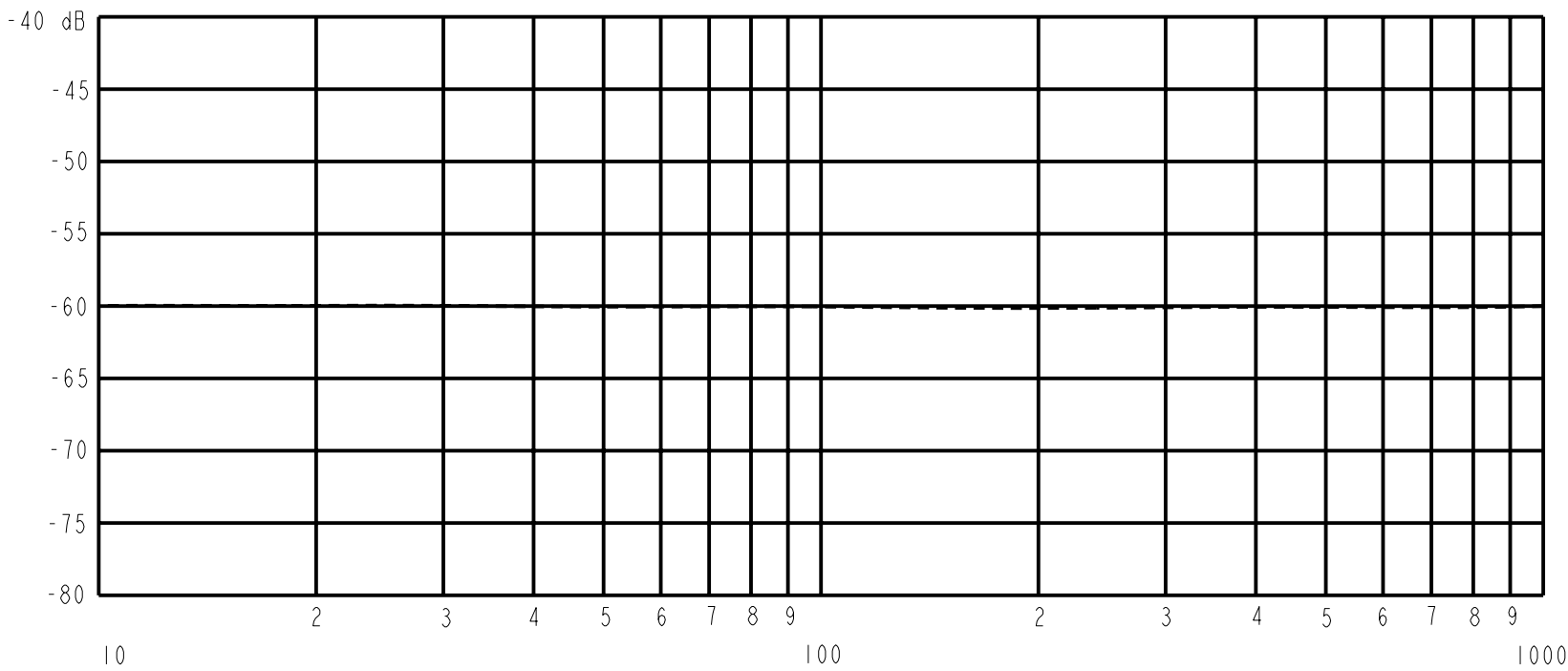


DIMENSIONS IN MILLIMETERS [INCHES]

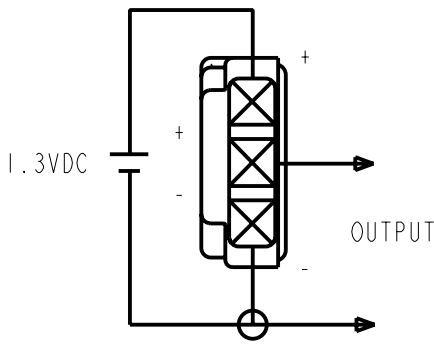
KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

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

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/m²)
FOR CONDITIONS SHOWN BELOW



SENSITIVITY				DEVICE CONFORMITY	
FREQUENCY	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:
- CASE CONNECTED TO NEGATIVE TERMINAL.
 - MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
 - CONFORMS TO REQUIREMENTS SHOWN ON 'ELECTRET MICROPHONE ENVIRONMENTAL QUALIFICATION TEST, SHEET 2.2'.
 - OPEN CIRCUIT SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/MICROBAR (0.1 N/m²)

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

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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Released		A
A	MI0101355	12-18-06			
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		MMM 12-18-06
			CK. BY DATE		GJP 12-19-06
TITLE: MICROPHONE			BT-23357-095		APP. BY DATE
PERFORMANCE SPECIFICATION			SHT 2.1		GJP 12-19-06