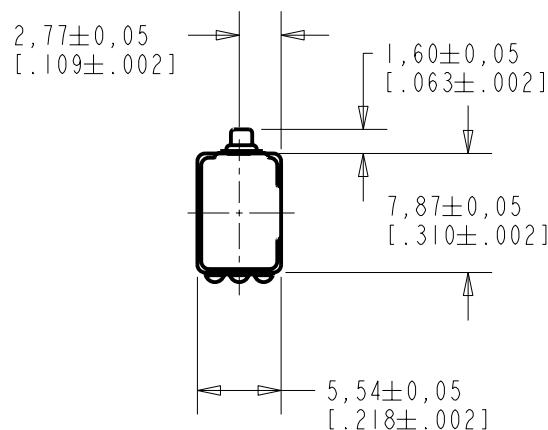


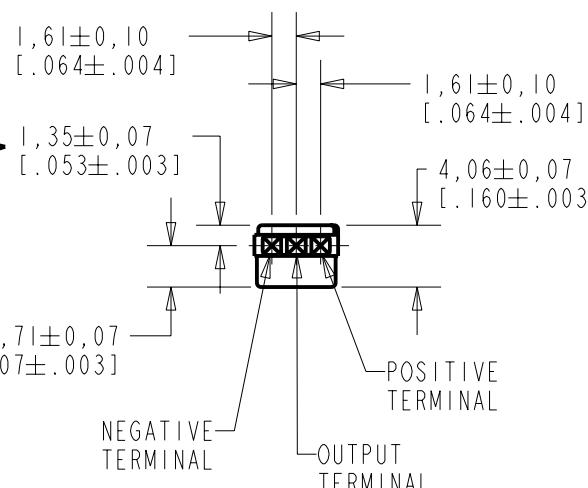
BL-21671-140

SHT 1.1



## NOTES:

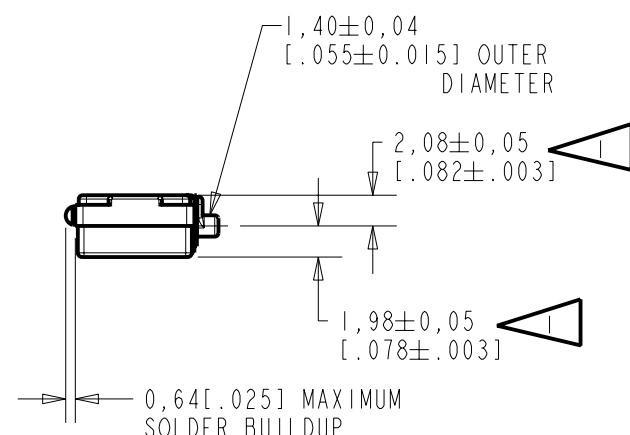
LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO  $\pm 0,17$  [.007].



NOMINAL WEIGHT  
28.0 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

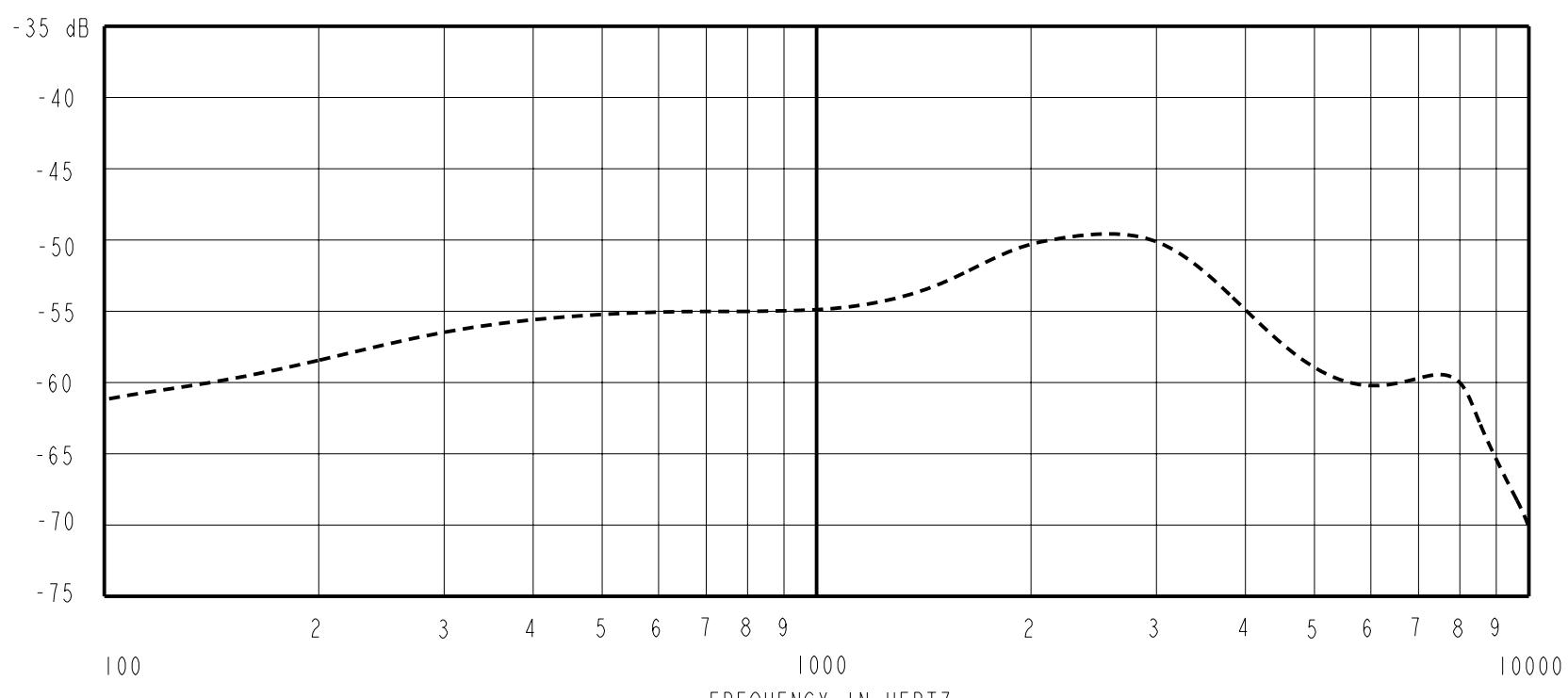
**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	M10101533	7-24-07	Released	A

SCALE:	2:1	DR. BY	DATE
	DO NOT SCALE DRAWING	SDZ	7-24-07
TITLE:	MICROPHONE	CK. BY	DATE
	BL-21671-140	GJP	7-26-07
	OUTLINE DRAWING	APP. BY	DATE
		GJP	7-26-07
		KE111ASIZE.FRM	
		Rev: B	

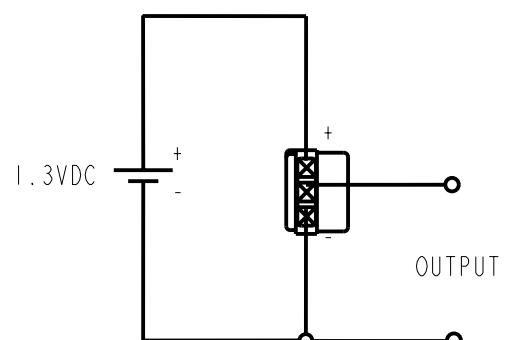
SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/m<sup>2</sup>)  
FOR CONDITIONS SHOWN BELOW.



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY			
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz			
100	---	-61.5	---	-10.5	-4.5		
1000	-57.5	-54.5	-51.5	0.0	0.0		
≈2500	---	-49.5	---	+2.5	+7.5		

NOTES: 1. CASE CONNECTED TO NEGATIVE TERMINAL.

PORT LOCATION	DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 1.1 VDC	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)	OUTPUT IMPEDANCE OHMS			CAPACITANCE ±50%	
					MIN.	NOM.	MAX.	I-2	I-3
I2S	1.3V	50 μA MAX.	3 dB MAX.	32.0 dB MAX.	8000	13000	22000	N/A	N/A



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	
A	M10101533	7-24-07		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				DR. BY DATE SDZ 7-24-07
TITLE: MICROPHONE				CK. BY DATE GJP 7-26-07
PERFORMANCE SPECIFICATION				APP. BY DATE GJP 7-26-07
SHT 2.1				

# Mouser Electronics

Authorized Distributor

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