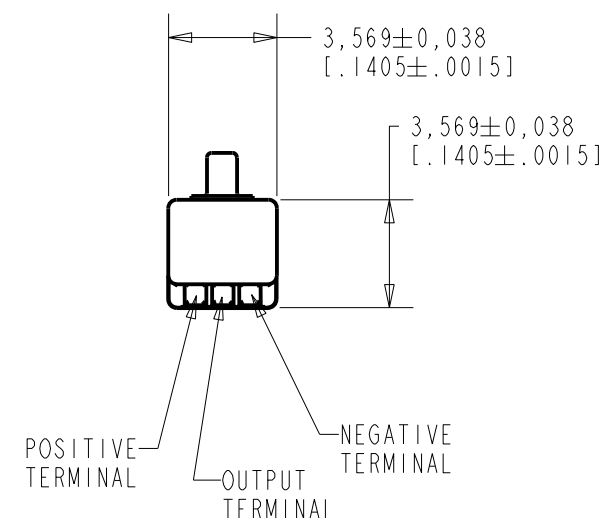
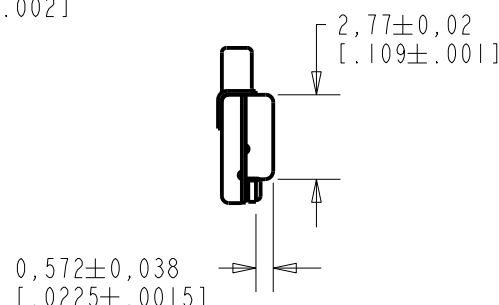
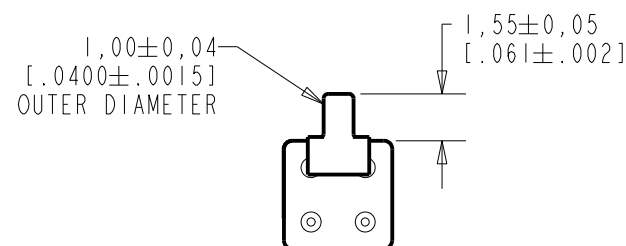
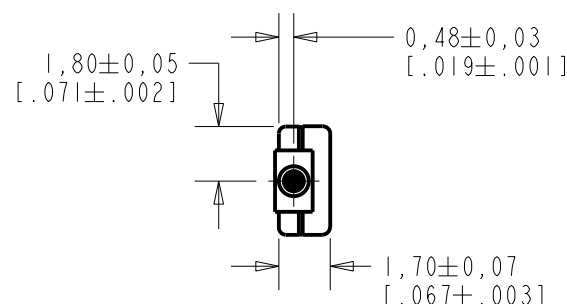


TM-23546-C36

SHT 1.1

NOTES:

1. INCREASED PRESSURE AT SOUND INLET CAUSES A POSITIVE GOING VOLTAGE TO APPEAR AT THE OUTPUT TERMINAL, RELATIVE TO THE NEGATIVE TERMINAL.



NOMINAL WEIGHT
.08 GRAMS

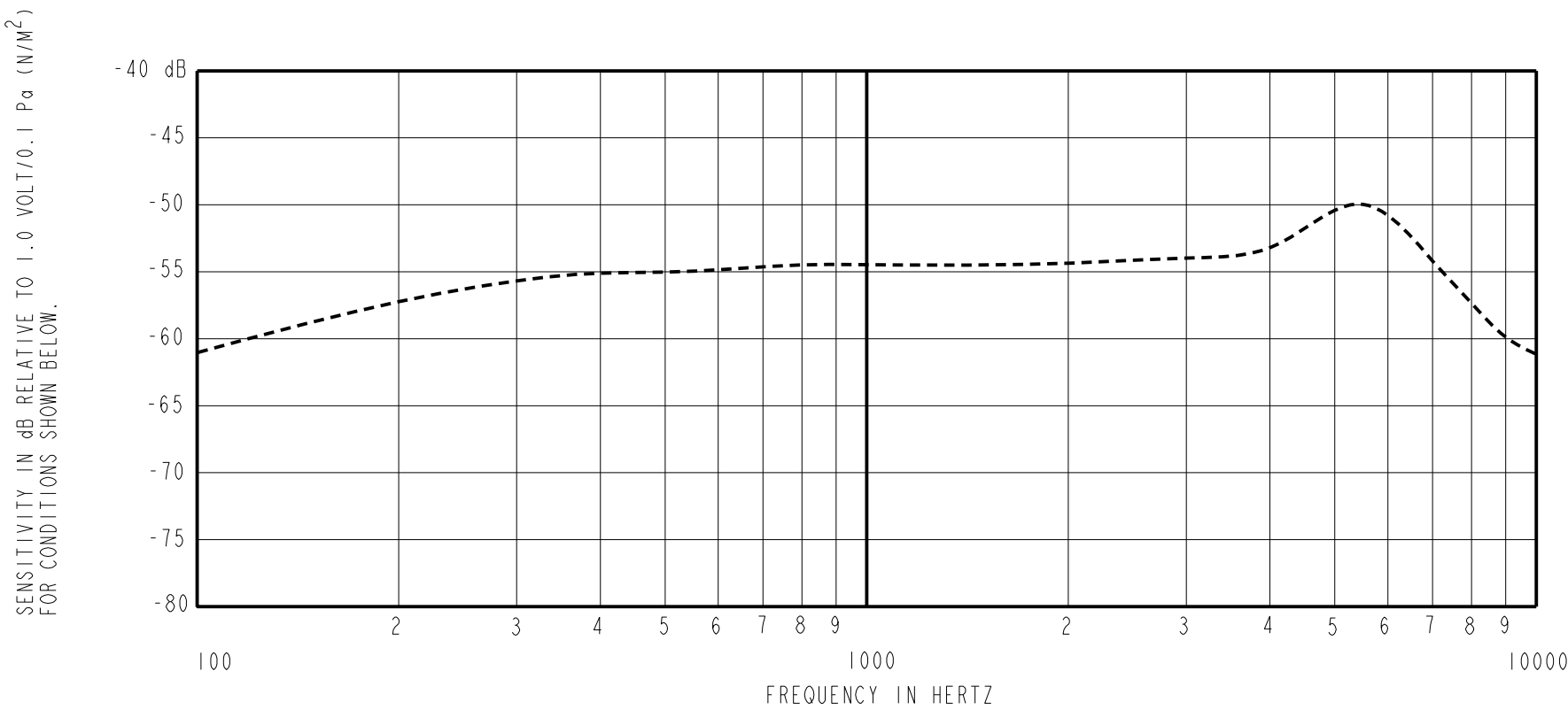
DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION	
			Active		G	
G	MI0105778	11-10-14				
SCALE:			4:1		DR. BY	DATE
			DO NOT SCALE DRAWING		MMM	1-4-06
TITLE:			MICROPHONE		CK. BY	DATE
			TM-23546-C36		GJP	1-5-06
			SHT 1.1		APP. BY	DATE
					GJP	1-5-06

KE111ASIZE.FRM

Rev: B

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-61.0	---	-10.0	-3.0
1000	-57.5	-54.5	-51.5	0.0	0.0
≈5000	---	-47.5	---	+1.5	+7.5

- NOTES: 1. CASE CONNECTED TO NEGATIVE TERMINAL.
2. MICROPHONE TO BE FUNCTIONAL WITH 1.6 VDC SUPPLY.
3. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.03 dB/%RH
4. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

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		
					MIN.	NOM.	MAX.
12B	1.3V	50 μA MAX.	3 dB MAX.	31.0 dB MAX.	2800	4400	6800

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Active		G
G	M10105778	11-10-14			
TITLE:			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 1-4-06
MICROPHONE			TM-23546-C36		CK. BY DATE
					GJP 1-5-06
PERFORMANCE SPECIFICATION			SHT 2.1		APP. BY DATE
					GJP 1-5-06

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