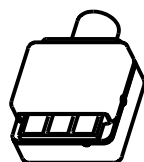
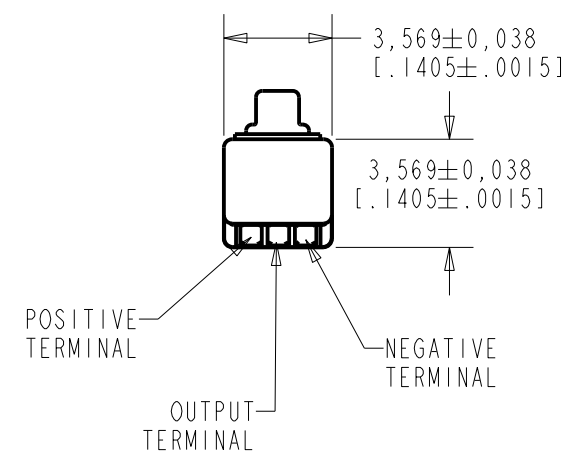
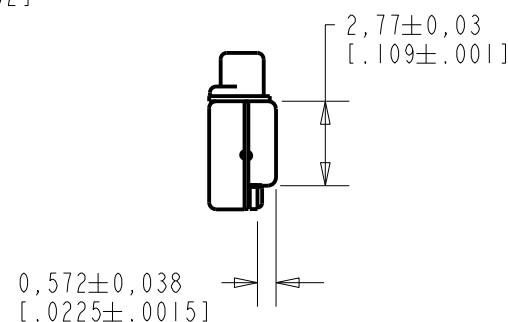
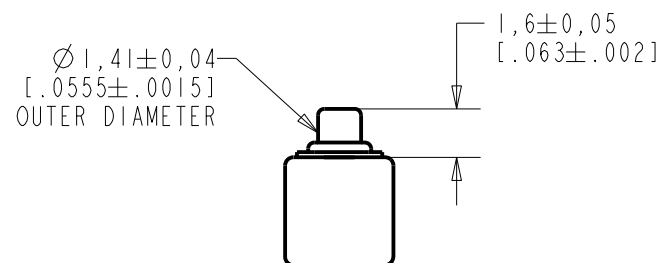
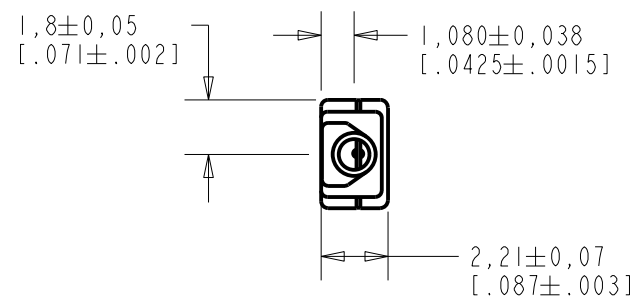


EM-25346-C37

SHT 1.1

NOTE:

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



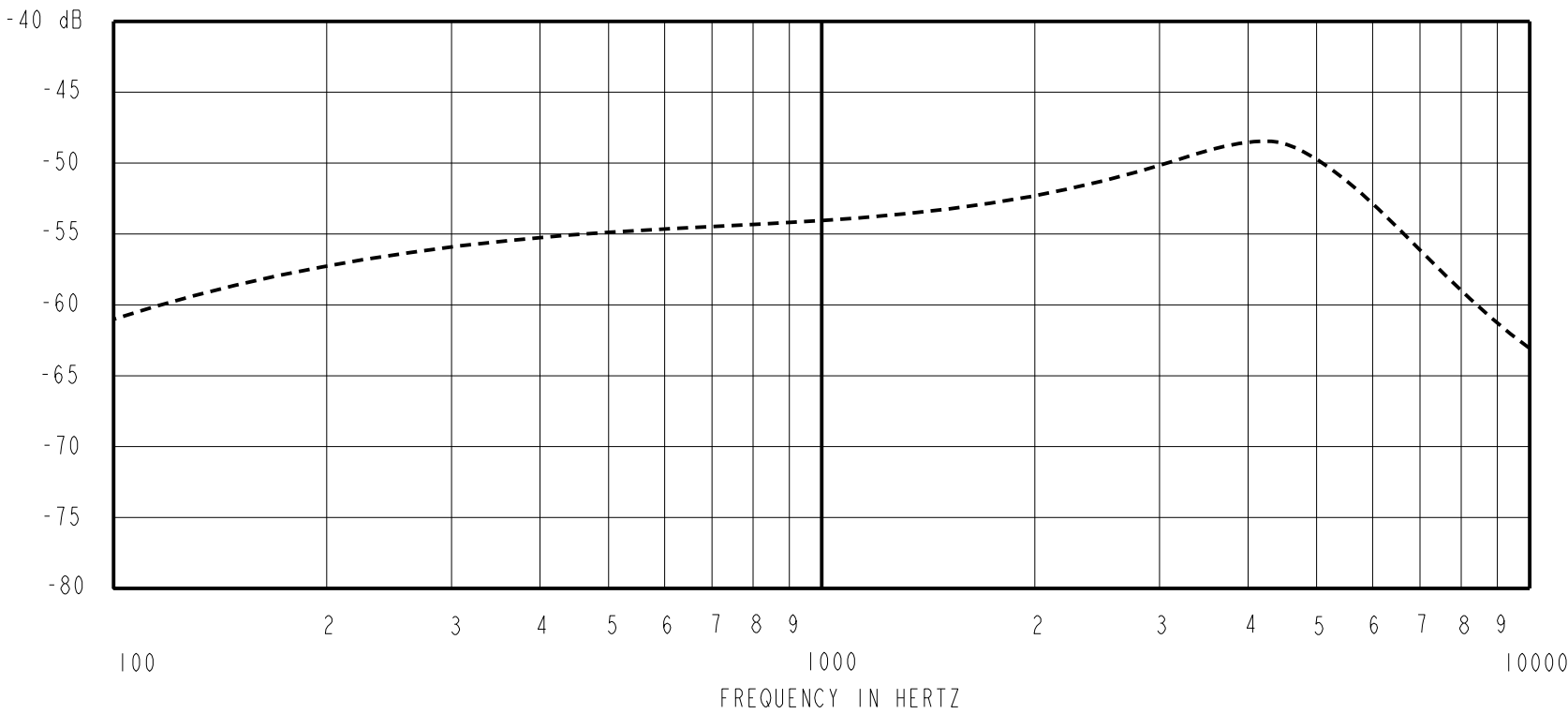
NOMINAL WEIGHT
.08 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

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Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	MI0105194	8-9-13	Active	E
D	MI0104055	3-28-11		
SCALE: 4:1			DR. BY DATE	
DO NOT SCALE DRAWING			LSY 1-30-07	
TITLE: MICROPHONE			CK. BY DATE	
OUTLINE DRAWING			GJP 2-13-07	
EM-25346-C37			APP. BY DATE	
SHT 1.1			GJP 2-13-07	

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



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-61.0	---	-10.0	-4.0
1000	-57.0	-54.0	-51.0	0.0	0.0
3500-5500	---	-48.5	---	+2.5	+8.5
6000	-57.5	-53.5	-49.5	---	---

- NOTES: 1. CASE CONNECT 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 0.9 VDC	"A" WEIGHTED NOISE (1 KHz EQUIVALENT SPL)	OUTPUT IMPEDANCE OHMS		
					MIN.	NOM.	MAX.
12S	1.3V	50µA MAX.	3 dB MAX.	28.0 dB MAX.	2800	4400	6800

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
E	M10105194	8-9-13	Active		E
D	M10104055	3-28-11			
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
			MICROPHONE		LSY 1-30-07
			EM-25346-C37		CK. BY DATE
			SHT 2.1		GJP 2-13-07
					APP. BY DATE
					GJP 2-13-07