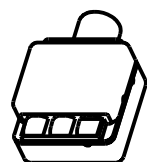
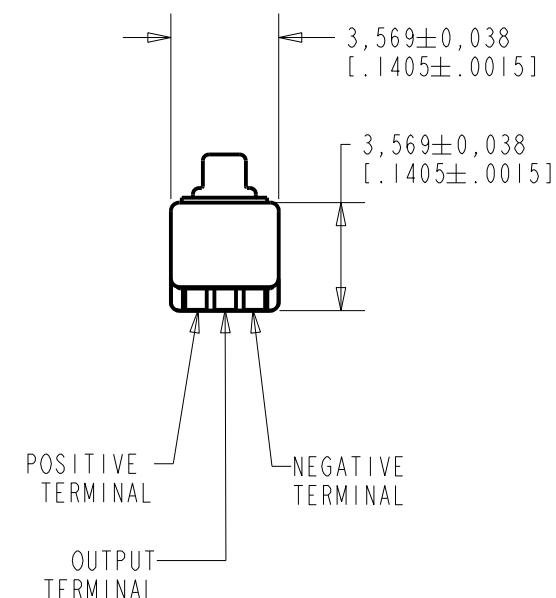
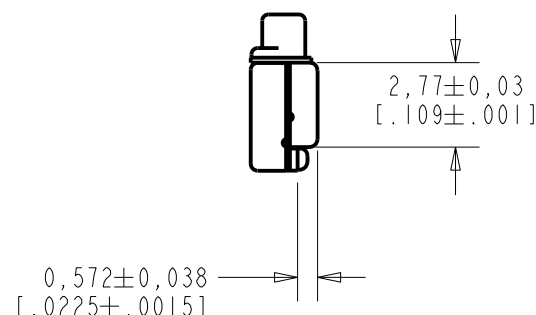
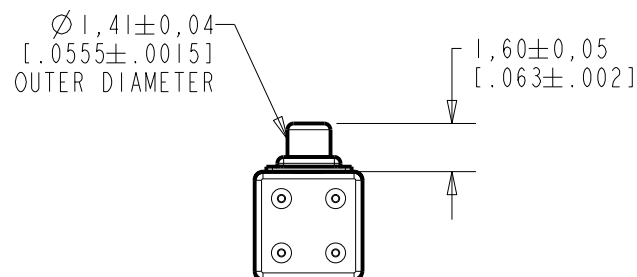
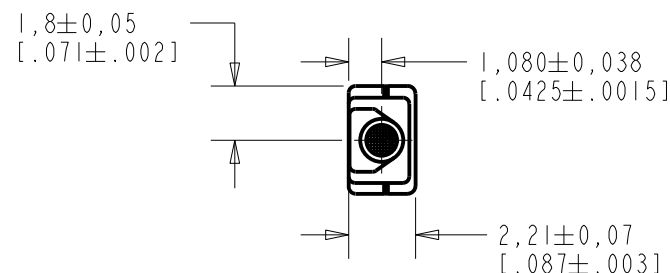


EM-24068-C36

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.

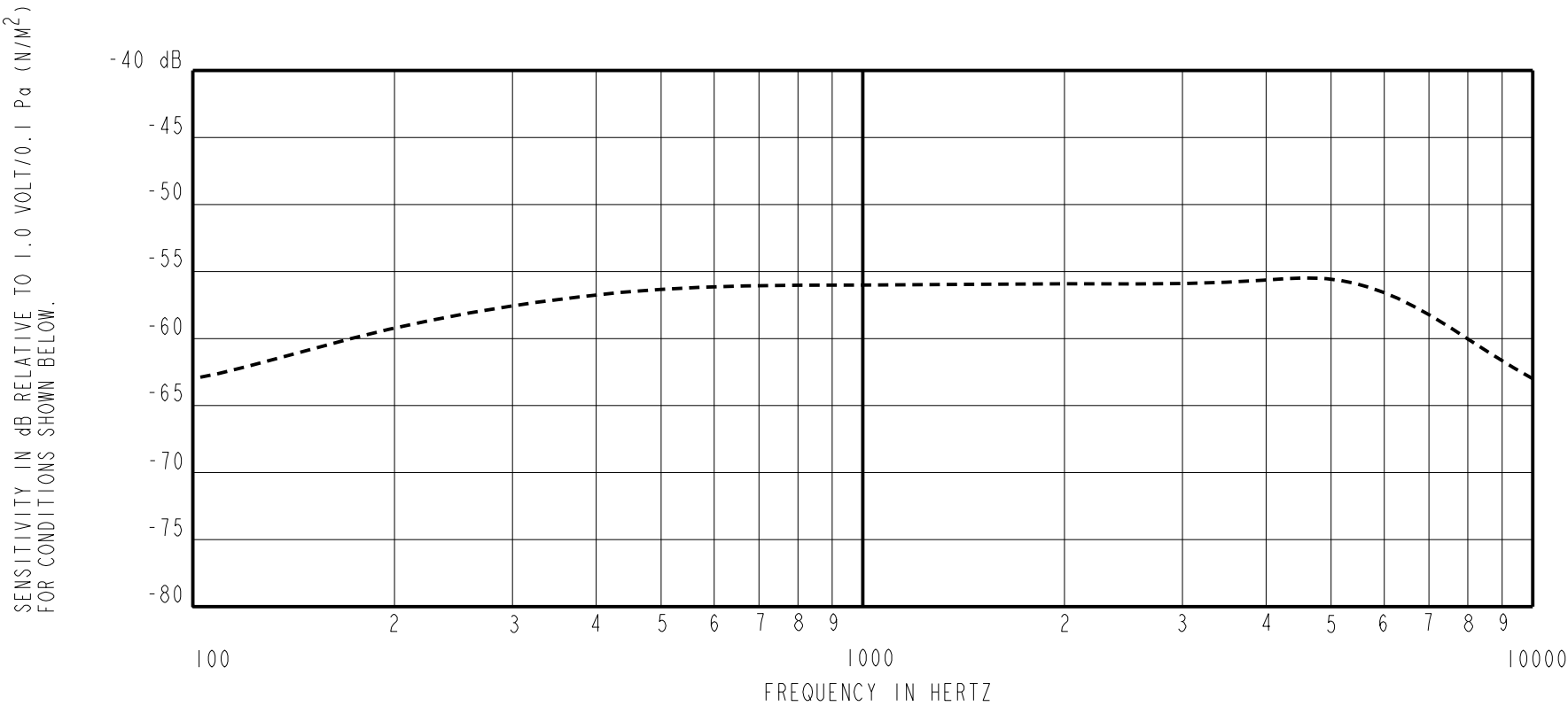


NOMINAL WEIGHT
.08 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	MI0104420	11-23-11	Active	C
B	MI0102034	6-18-08		
A	MI0101293	11-27-06		
SCALE: 4:1			DR. BY LSY	DATE 11-27-06
DO NOT SCALE DRAWING			CK. BY GJP	DATE 12-11-06
TITLE: MICROPHONE		EM-24068-C36	APP. BY GJP	DATE 12-11-06
OUTLINE DRAWING		SHT 1.1	Rev: B	

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-63.0	---	-10.0	-3.0
1000	-59.0	-56.0	-53.0	0.0	0.0
4800	---	-55.5	---	-3.0	+3.0

NOTES:

1. CASE CONNECTED TO NEGATIVE TERMINAL.
2. MICROPHONE TO BE FUNCTIONAL WITH 10 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 (RE 1 VOLT)	OUTPUT IMPEDANCE OHMS		
					MIN.	NOM.	MAX.
12S	1.3V	50 μA MAX.	3 dB MAX.	31.0 dB MAX.	2800	4400	6800

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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
C	M10104420	11-23-11	Active		C
B	M10102034	6-18-08			
A	M10101293	11-27-06			
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 11-27-06
PERFORMANCE SPECIFICATION			EM-24068-C36		CK. BY DATE
			SHT 2.1		GJP 12-11-06
					APP. BY DATE
					GJP 12-11-06

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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