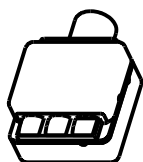
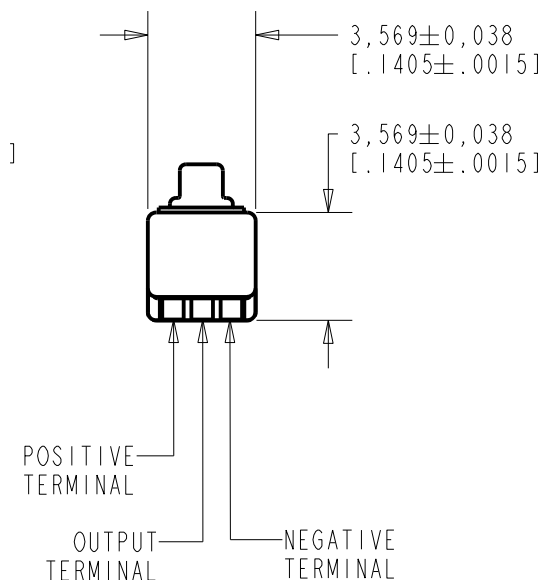
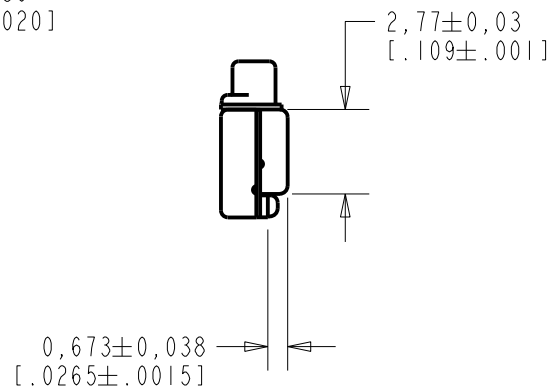
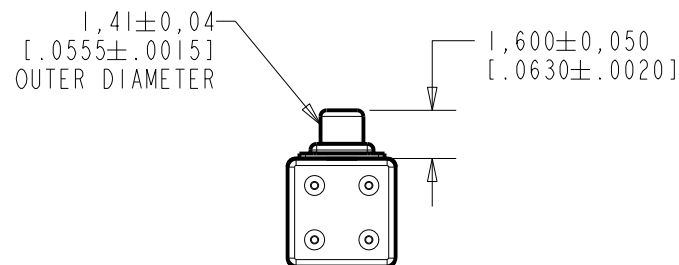
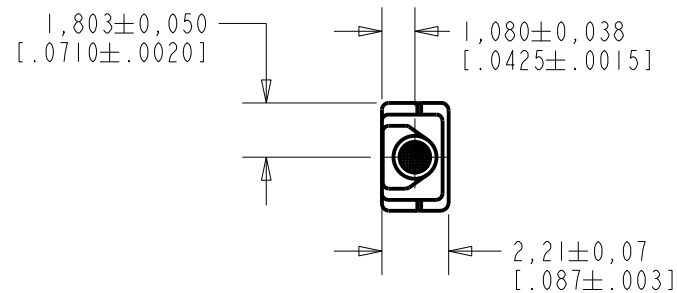


EM-24046-000

SHT 1.1

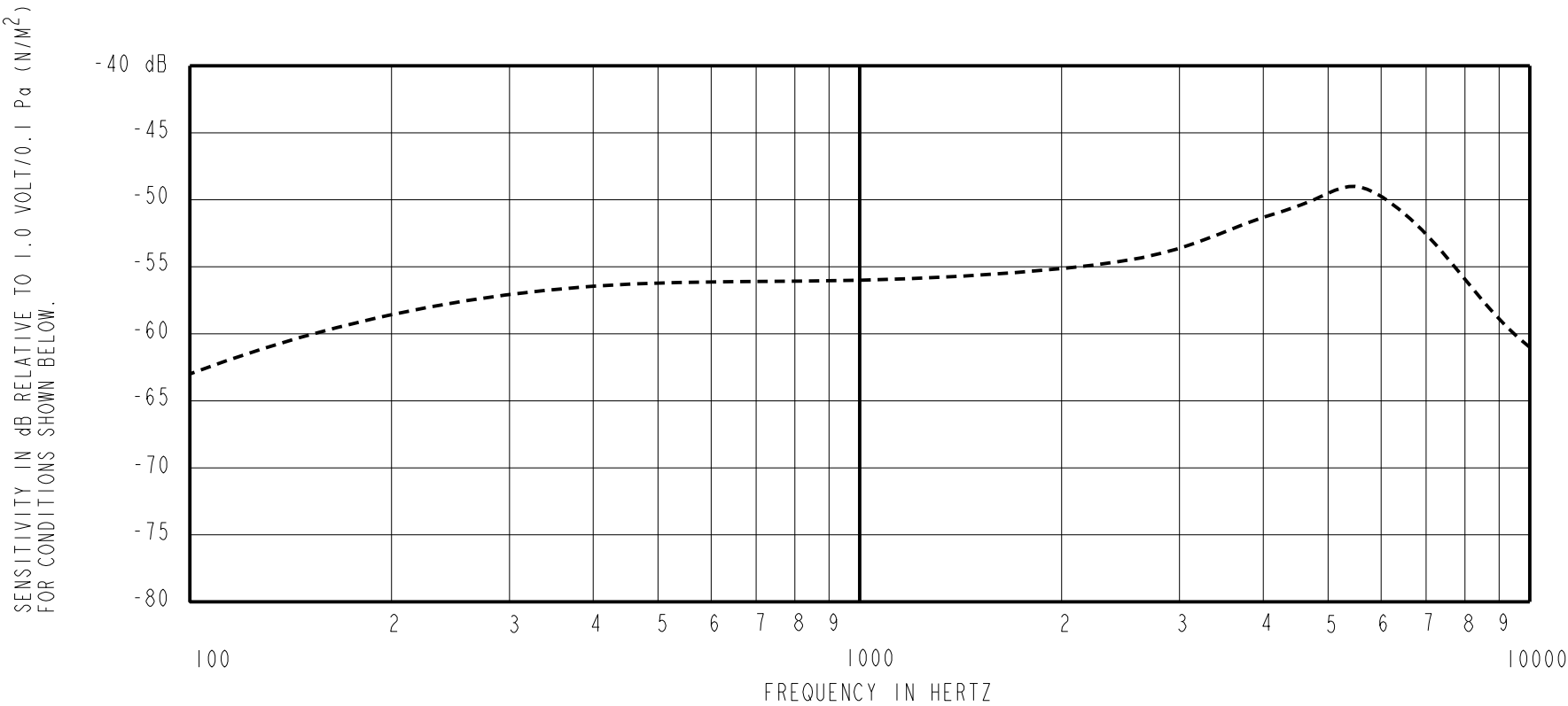


NOMINAL WEIGHT
.08 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	MI0104420	11-28-11		
SCALE: 4:1			DR. BY DATE	
DO NOT SCALE DRAWING			LSY 11-03-06	
TITLE: MICROPHONE OUTLINE DRAWING			CK. BY DATE	
			GJP 11-9-06	
			APP. BY DATE	
EM-24046-000			GJP 11-9-06	
SHT 1.1				



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-63.0	---	-10.0	-3.0
100	-59.0	-56.0	-53.0	0.0	0.0
≈ 5500	---	-49.0	---	+4.0	+10.0

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 (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

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Active		D
D	MI0104420	11-28-11			
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
				LSY	11-03-06
				CK. BY	DATE
				GJP	11-9-06
TITLE: MICROPHONE		EM-24046-000		APP. BY	DATE
				GJP	11-9-06
PERFORMANCE SPECIFICATION		SHT 2.1			