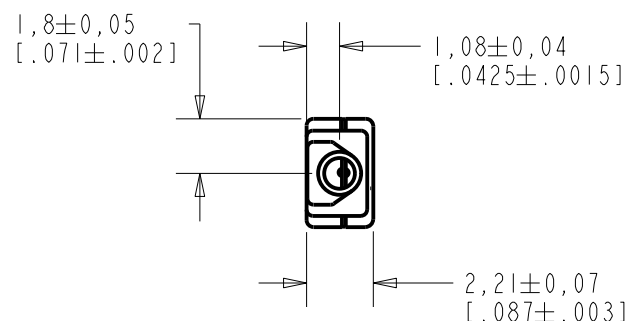


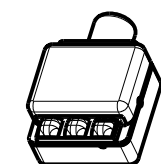
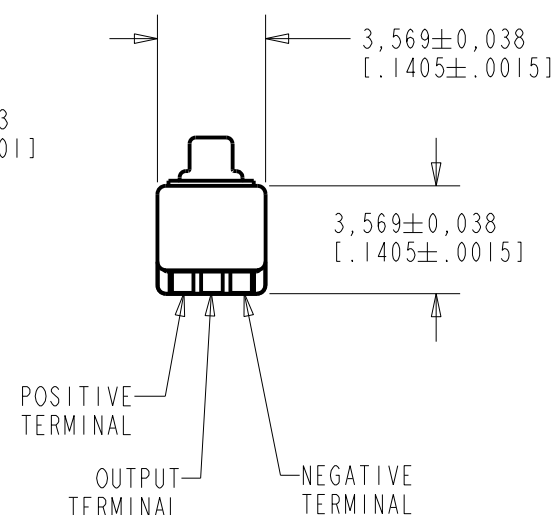
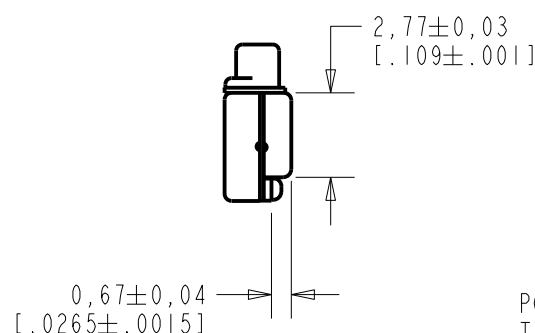
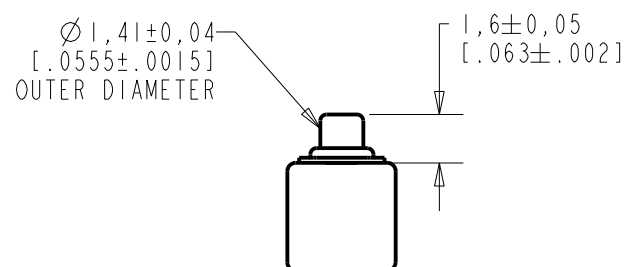
EM-25046-C30

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 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	MI0104420	11-23-11	Active	C
B	MI0102035	7-7-08		
A	MI0101354	1-26-07		

SCALE:

4:1

DO NOT SCALE DRAWING

TITLE:

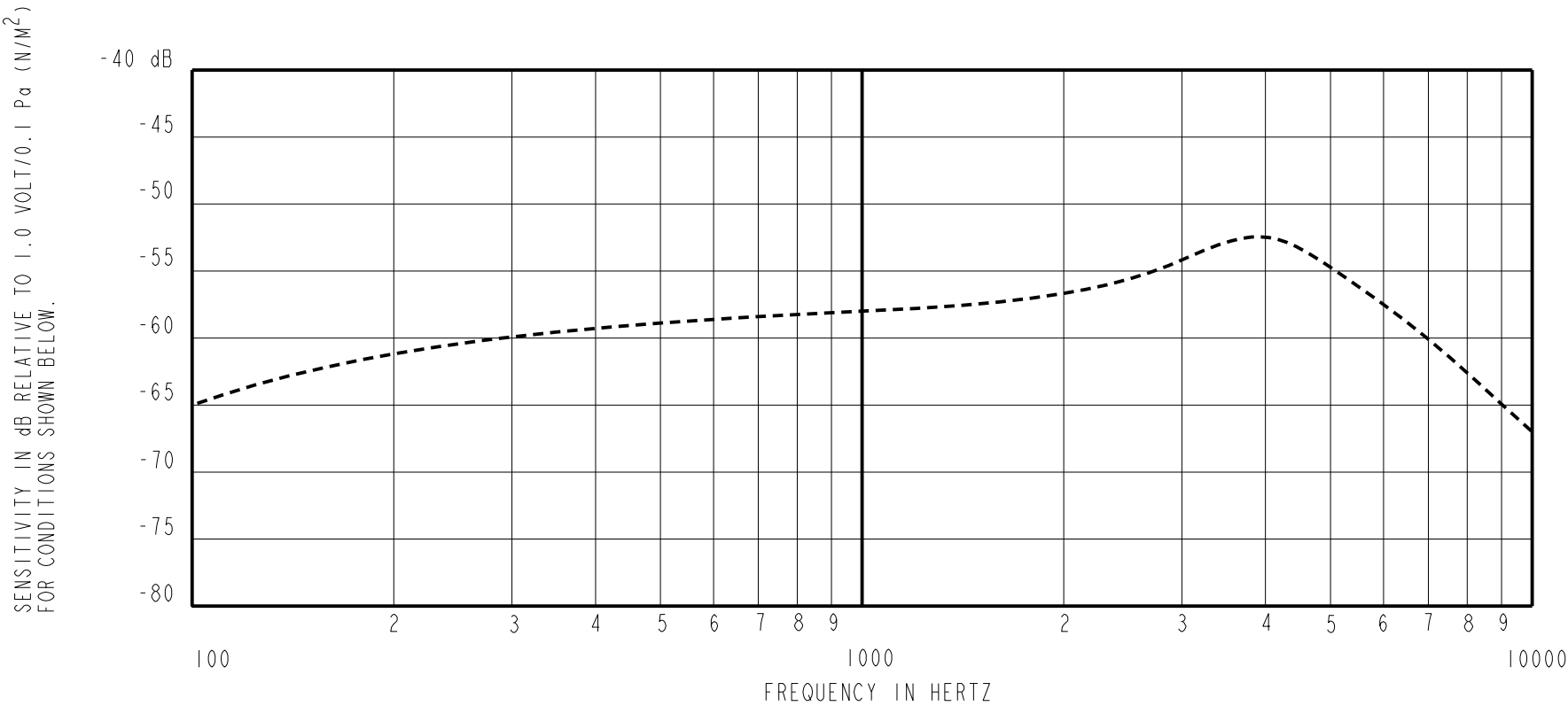
MICROPHONE

OUTLINE DRAWING

EM-25046-C30

SHT 1.1

DR. BY	DATE
LSY	1-26-07
CK. BY	DATE
GJP	2-13-07
APP. BY	DATE
GJP	2-13-07



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-65.0	---	-10.0	-3.0
1000	-61.0	-58.0	-55.0	---	---
3500-5500	---	-52.5	---	+2.5	+8.5
6000	-62.5	-57.5	-54.5	---	---

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.
12S	1.3V	50 µA MAX.	3 dB MAX.	31.0 dB MAX.	2000	2800	4000

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
C	M10104420	11-23-11	Active		C
B	M10102035	7-7-08			
A	M10101354	1-26-07			
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	1-26-07
				CK. BY	DATE
				GJP	2-13-07
TITLE: MICROPHONE		EM-25046-C30		APP. BY	DATE
				GJP	2-13-07
PERFORMANCE SPECIFICATION		SHT 2.1			

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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