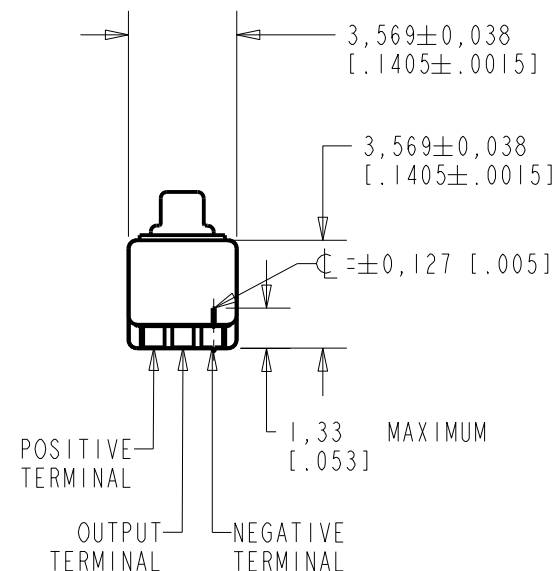
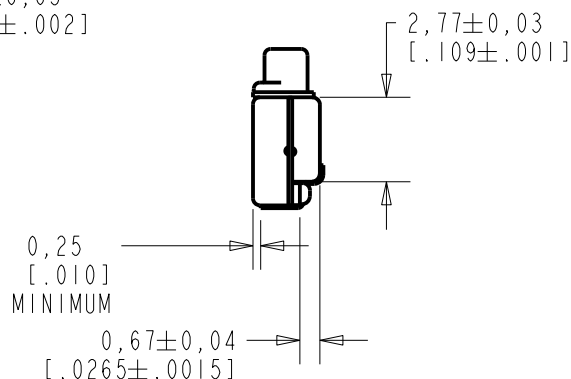
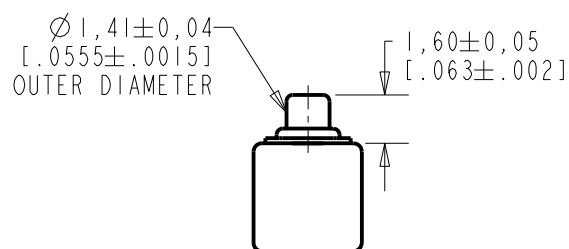
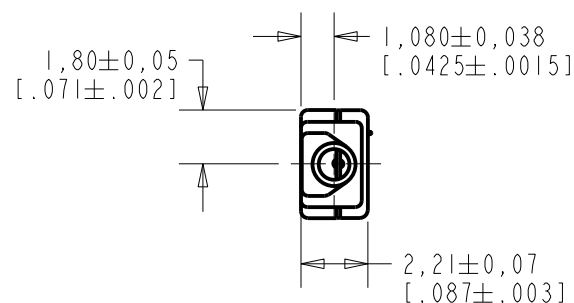


EM-25046-C36

SHT 1.1

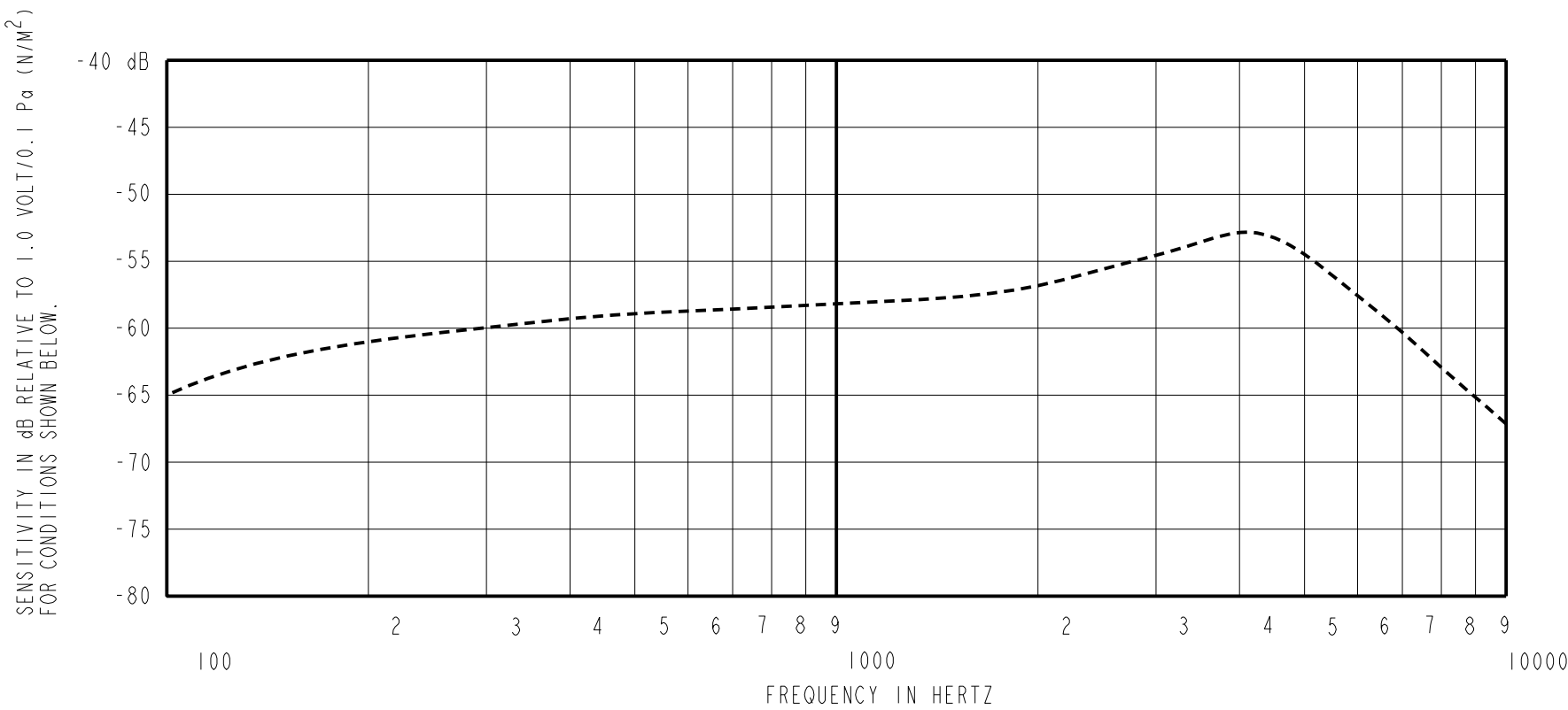


NOMINAL WEIGHT
.08 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	MI0105775	11-3-14		
SCALE: 4:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	7-11-05
TITLE: MICROPHONE			CK. BY	DATE
OUTLINE DRAWING			GJP	7-11-05
EM-25046-C36			APP. BY	DATE
SHT 1.1			GJP	7-11-05



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	-61.5	-57.5	-53.5	---	---

- NOTES:
- CASE CONNECTED TO NEGATIVE TERMINAL.
 - MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
 - TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.03 dB/%RH
 - SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC	"A" WEIGHTED NOISE (RE 1.0 VOLT)	OUTPUT IMPEDANCE OHMS		
				MIN.	NOM.	MAX.
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
			Active	D
D	MI0105775	11-3-14		
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	7-11-05
			CK. BY	DATE
			GJP	7-11-05
TITLE: MICROPHONE			EM-25046-C36	
PERFORMANCE SPECIFICATION			SHT 2.1	
			APP. BY	DATE
			GJP	7-11-05

AMEYA360

Components Supply Platform

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