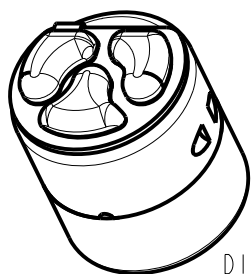
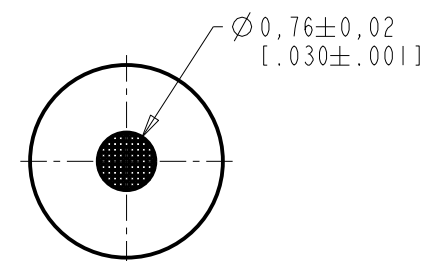
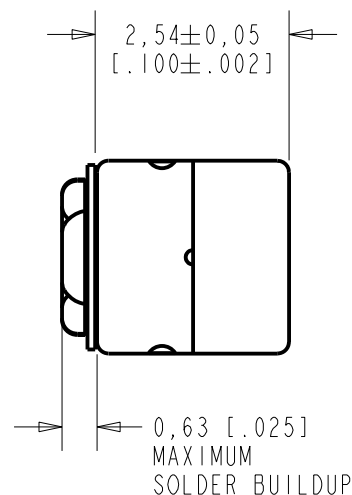
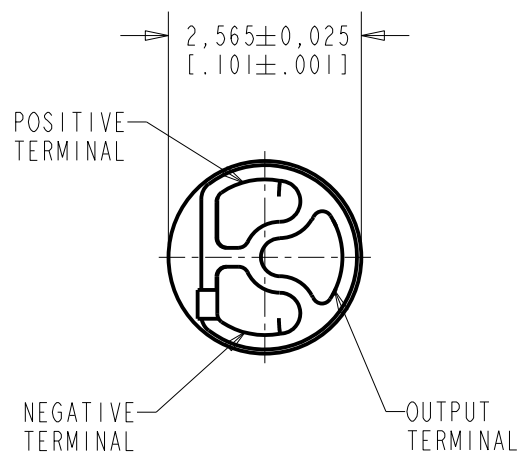


FC-23453-000

SHT 1.1



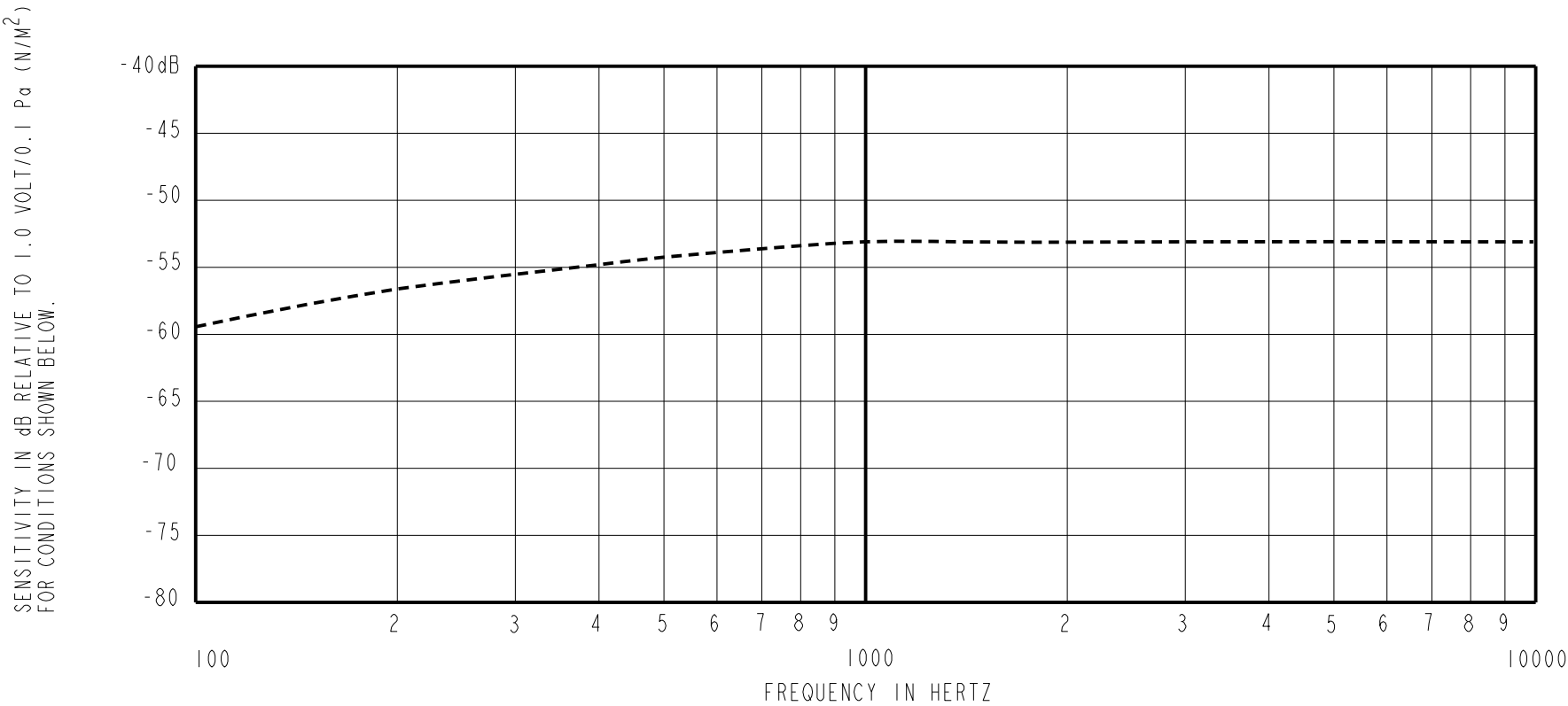
DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	MI0104555	5-2-12	Active	E
D	MI0103600	4-14-10		
SCALE: 10:1			DR. BY	DATE
DO NOT SCALE DRAWING			SDZ	2-5-09
TITLE: MICROPHONE			CK. BY	DATE
OUTLINE DRAWING			GJP	2-11-09
FC-23453-000			APP. BY	DATE
SHT 1.1			GJP	2-18-09

KE111ASIZE.FRM

Rev: B



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-59.0	---	-10.0	-3.0
1000	-56.0	-53.0	-50.0	0.0	0.0
10000	---	-53.0	---	-3.0	+3.0

- 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 0.06 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.	32.0 dB MAX.	2800	4400	6800

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
E	M10104555	5-2-12	Active		E
D	M10103600	4-14-10			
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	
			SDZ	2-5-09	
			CK. BY	DATE	
			GJP	2-11-09	
			APP. BY	DATE	
			GJP	2-18-09	

TITLE:	MICROPHONE	FC-23453-000
	PERFORMANCE SPECIFICATION	SHT 2.1

Mouser Electronics

Authorized Distributor

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