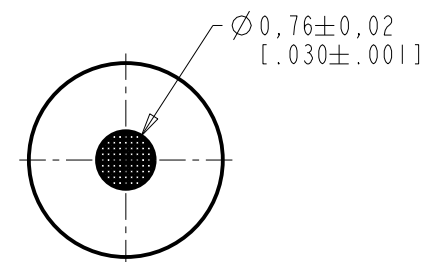
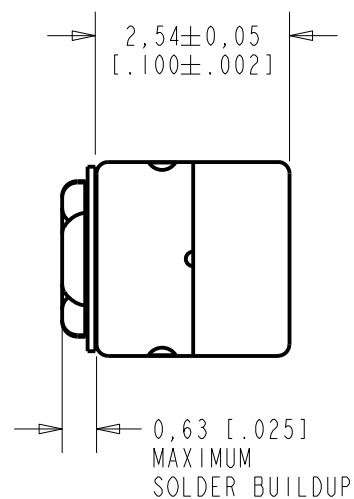
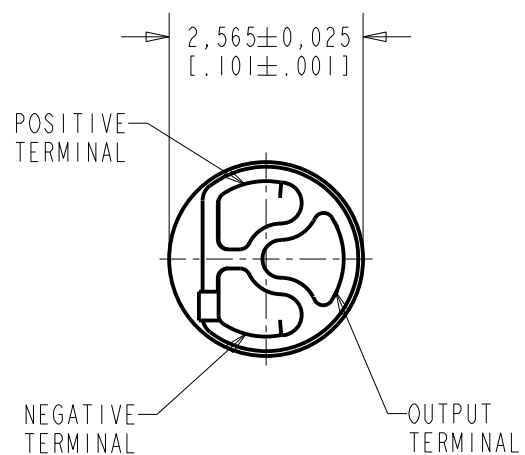


FC-23453-C05

SHT 1.1

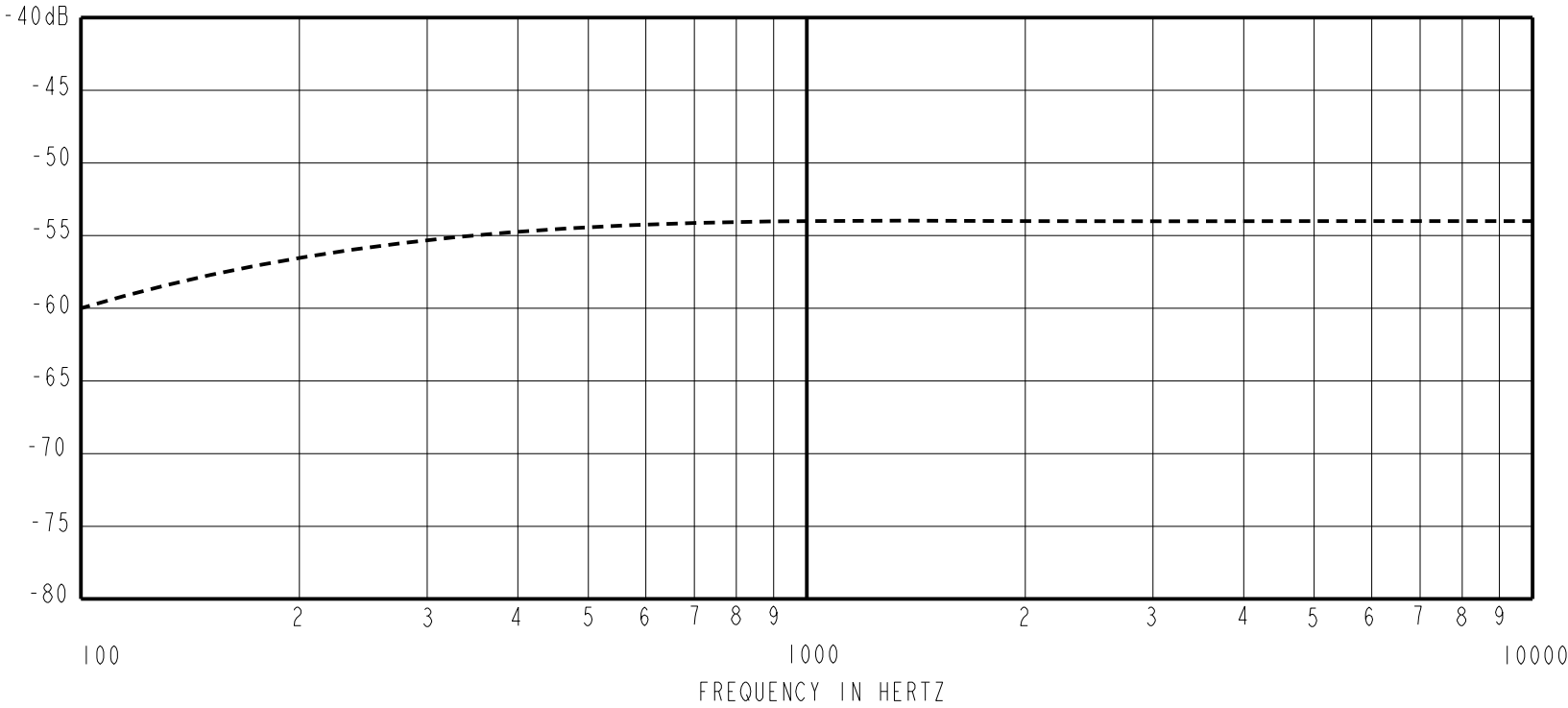


DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
I	MI0105709	10-11-14	Active	I
H	MI0104840	10-10-12		
G	MI0104555	4-12-12		
SCALE: 10:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	11-18-05
			CK. BY	DATE
TITLE: MICROPHONE			GJP	11-22-05
			APP. BY	DATE
OUTLINE DRAWING			GJP	11-22-05
FC-23453-C05			SHT 1.1	

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M²)
FOR CONDITIONS SHOWN BELOW.



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-60.0	---	-10.0	-3.0
1000	-57.0	-54.0	-51.0	0.0	0.0
10000	---	-54.0	---	-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.

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.
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
I	M10105709	10-11-14	Active		I
H	M10104840	10-10-12			
G	M10104555	4-12-12			
TITLE: MICROPHONE PERFORMANCE SPECIFICATION			FG-23453-C05 SHT 2.1		DR. BY DATE
					MMM 11-18-05
					CK. BY DATE
					GJP 11-22-05
					APP. BY DATE
					GJP 11-22-05

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