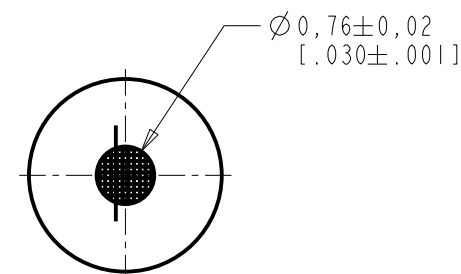
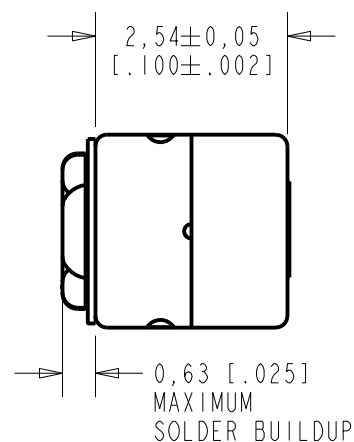
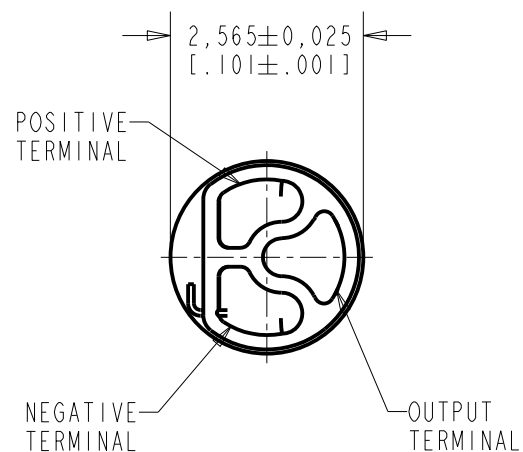


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SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	MI0104555	4-12-12		
SCALE: 10:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	11-30-06
			CK. BY	DATE
TITLE: MICROPHONE			GJP	11-30-06
			APP. BY	DATE
OUTLINE DRAWING			GJP	11-30-06

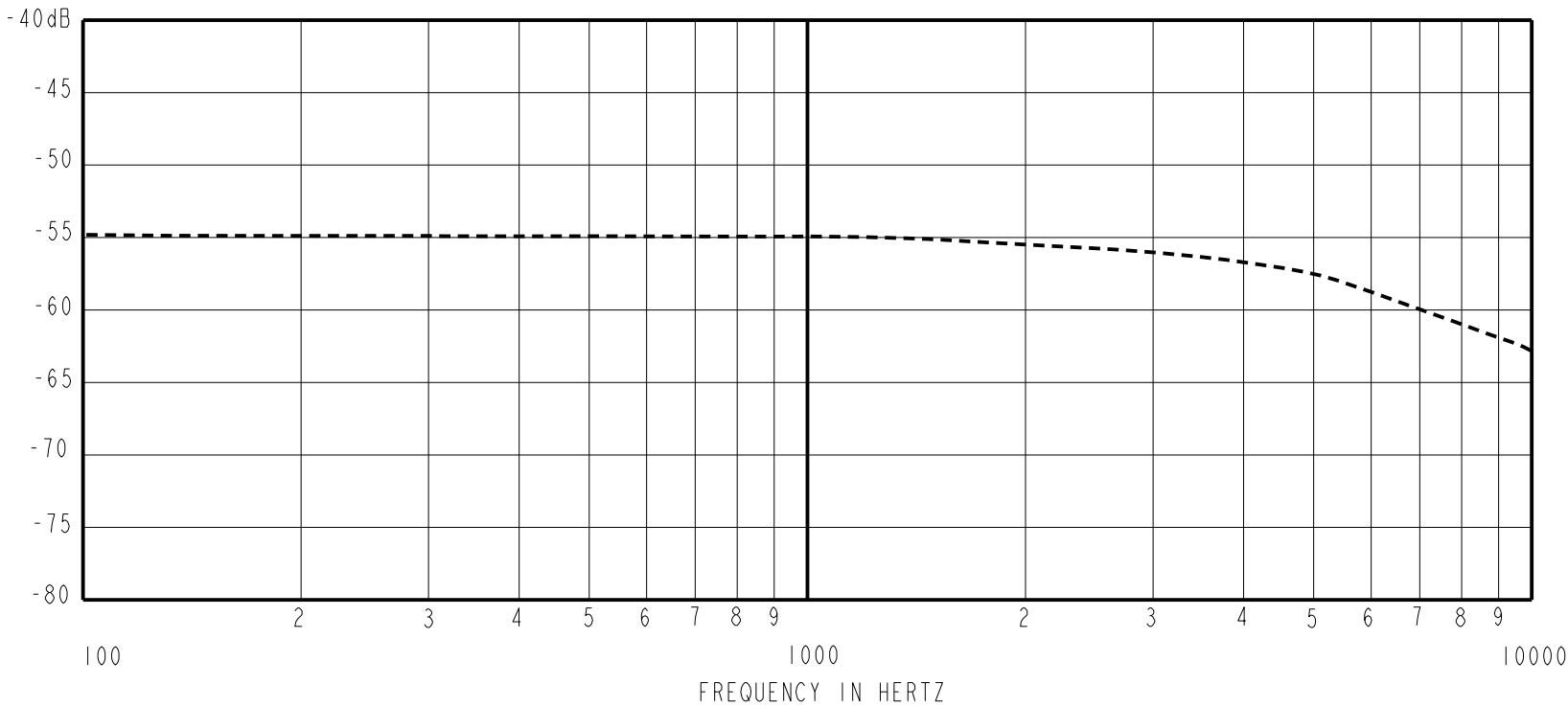
FC-23824-G22

SHT 1.1

KE111ASIZE.FRM

Rev: B

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



SENSITIVITY				DEVICE CONFORMITY	
FREQUENCY	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-55.0	---	-3.0	+3.0
1000	-58.0	-55.0	-52.0	0.0	0.0
6000	---	-58.0	---	-5.0	-1.0

SUPPLY IN PACKS WITH 1000 Hz
SENSITIVITY GRADES

GRADE	MIN. (dB)	MAX. (dB)
A	-53.99	-52.00
B	-55.99	-54.00
C	-58.00	-56.00

- NOTES:
- CASE CONNECTED TO NEGATIVE TERMINAL.
 - MICROPHONE TO BE FUNCTIONAL WITH 1.6 VDC SUPPLY.
 - TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.06 dB/%RH
 - 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.
OKN	1.3V	50µA MAX.	3 dB MAX.	28.0 dB MAX.	10000	12000	14000

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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Active		D
D	MI0104555	4-12-12			
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	11-30-06
				CK. BY	DATE
				GJP	11-30-06
TITLE: MICROPHONE		FC-23824-G22		APP. BY	DATE
				GJP	11-30-06
PERFORMANCE SPECIFICATION		SHT 2.1			

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