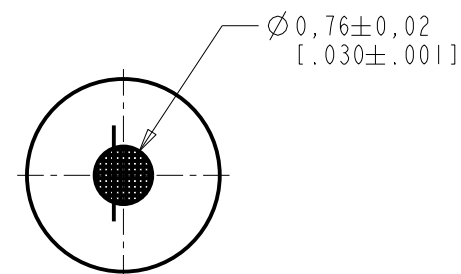
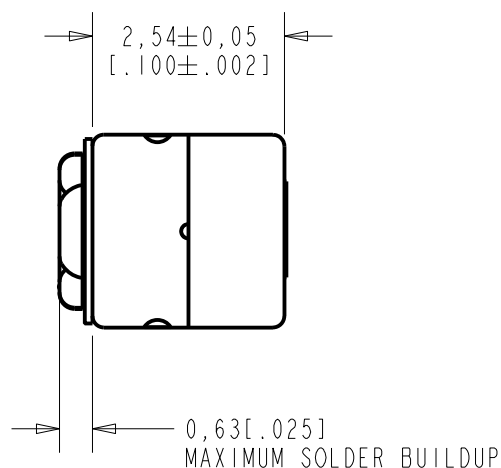
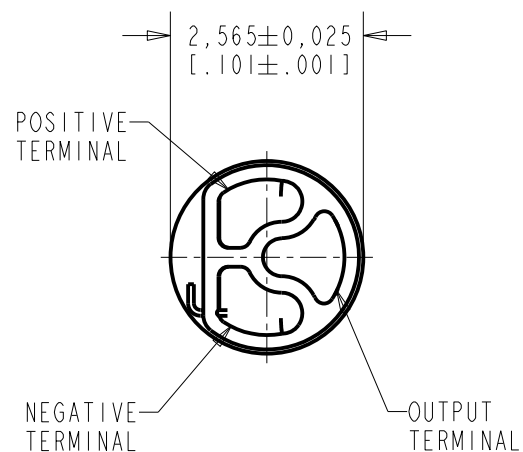


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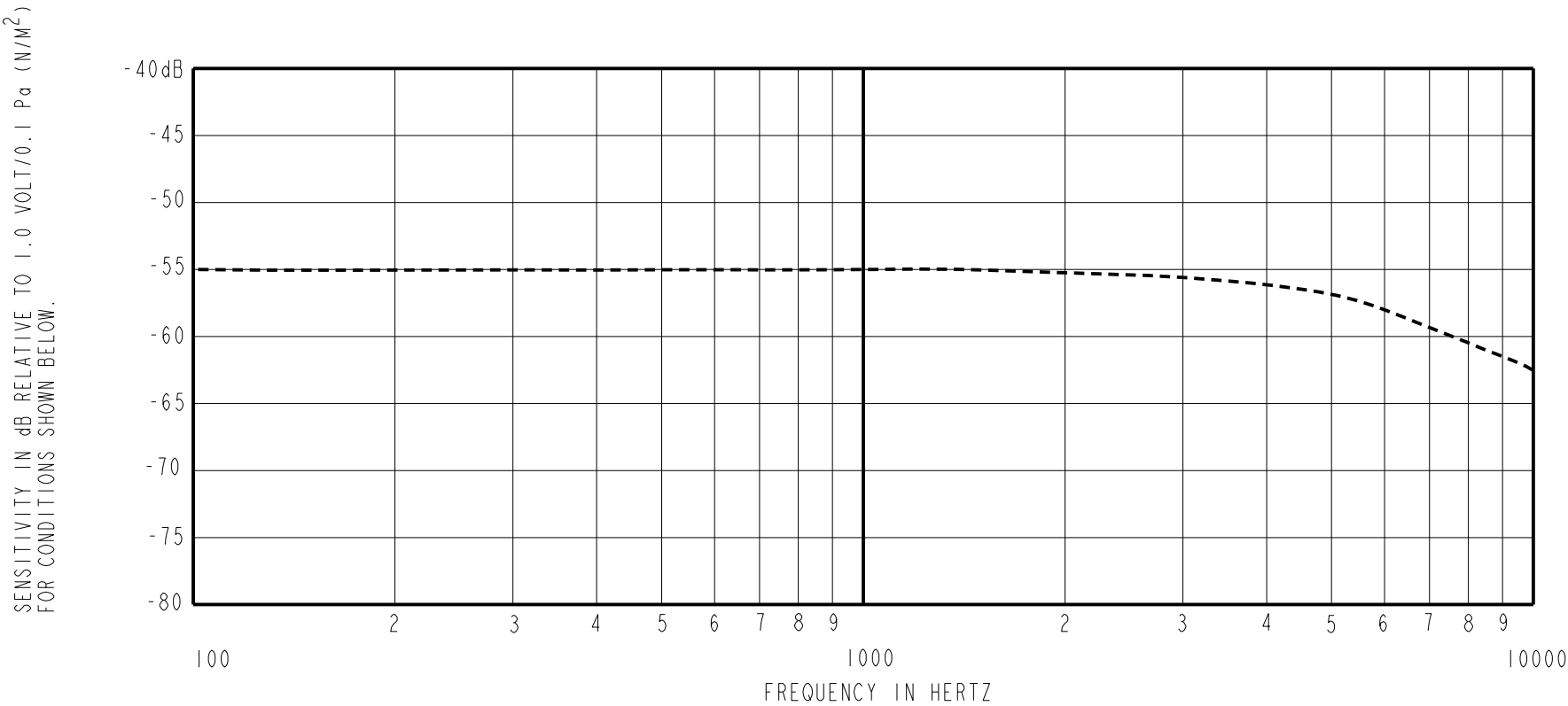
SHT 1.1



SCALE 5:1
DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	MI0104555	4-12-12		
SCALE: 10:1			DR. BY LSY	DATE 10-16-06
DO NOT SCALE DRAWING			CK. BY GJP	DATE 10-26-06
TITLE: MICROPHONE		FC-23824-C36	APP. BY GJP	DATE 10-26-06
OUTLINE DRAWING		SHT 1.1	Rev: B	

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FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	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

- 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.

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	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
				LSY	10-16-06
				CK. BY	DATE
				GJP	10-26-06
TITLE: MICROPHONE		FC-23824-C36		APP. BY	DATE
				GJP	10-26-06
PERFORMANCE SPECIFICATION		SHT 2.1			

Mouser Electronics

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