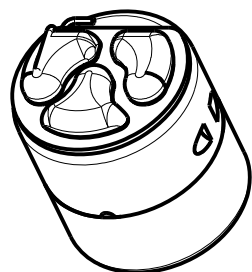
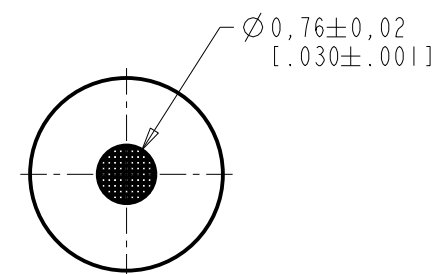
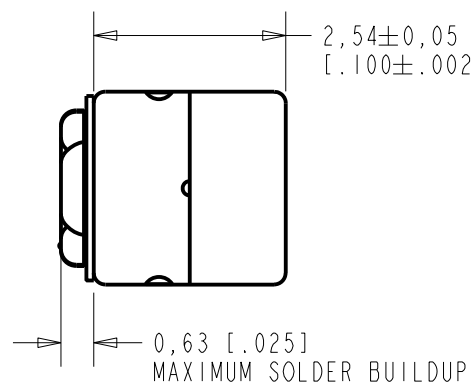
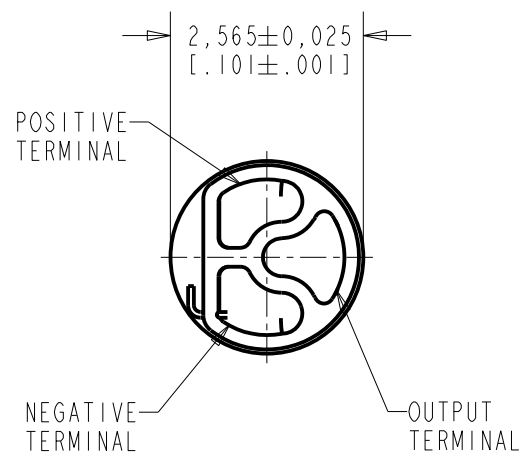


FC-23629-D58

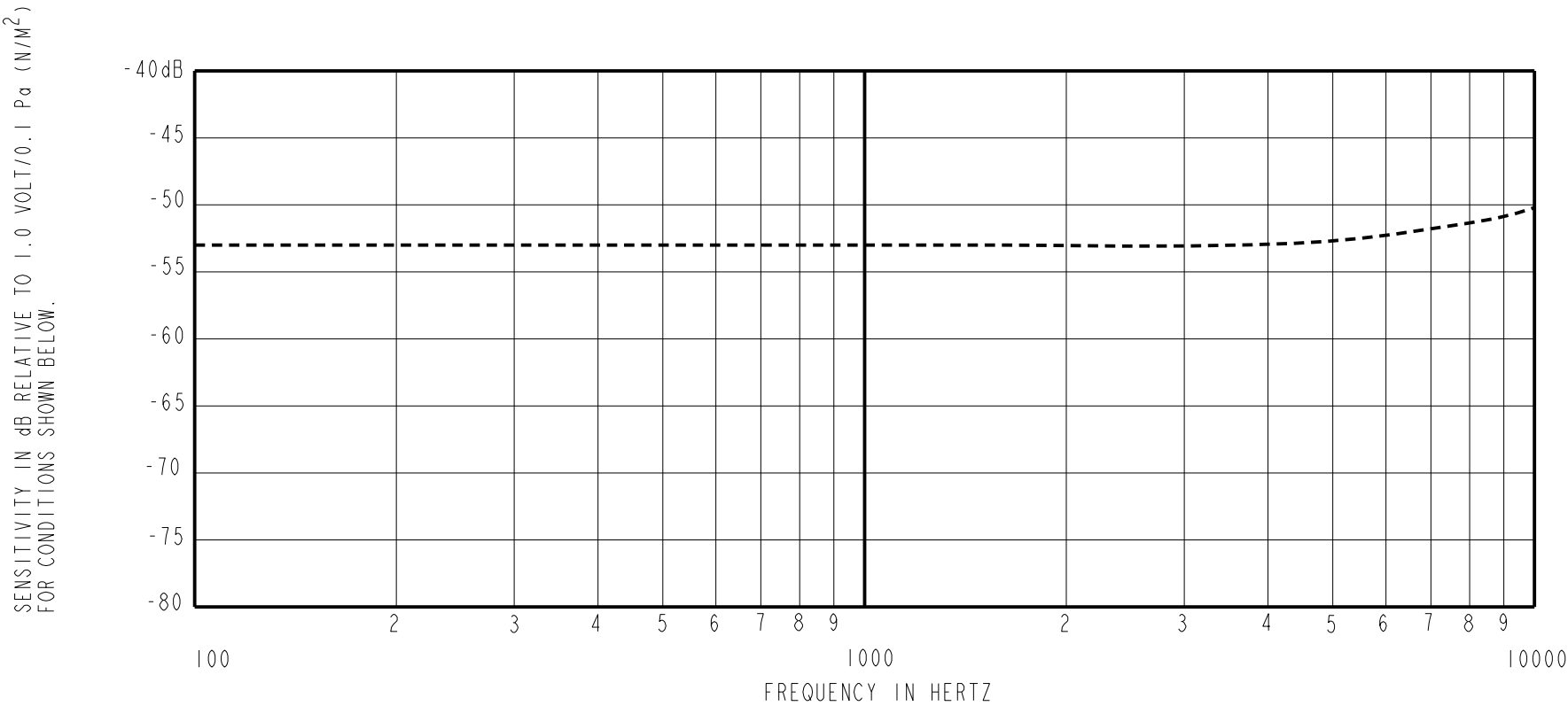
SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	J
J	MI0104896	11-22-12		
SCALE: 10:1			DR. BY AB	DATE 6-23-06
DO NOT SCALE DRAWING			CK. BY GJP	DATE 7-10-06
TITLE: MICROPHONE		FC-23629-D58	APP. BY GJP	DATE 7-10-06
OUTLINE DRAWING		SHT 1.1		



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-53.0	---	-3.0	+3.0
1000	-56.0	-53.0	-50.0	0.0	0.0
10000	---	-50.0	---	-0.0	+6.0

- 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.	28.0 dB MAX.	2800	4400	6800

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION	
			Active		J	
J	M10104896	11-22-12				
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	
				AB	6-23-06	
TITLE: MICROPHONE			FC-23629-D58		CK. BY	DATE
					GJP	7-10-06
					APP. BY	DATE
PERFORMANCE SPECIFICATION			SHT 2.1		GJP	7-10-06