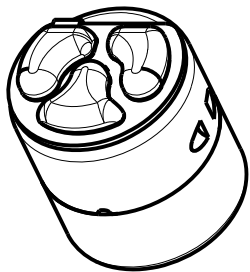
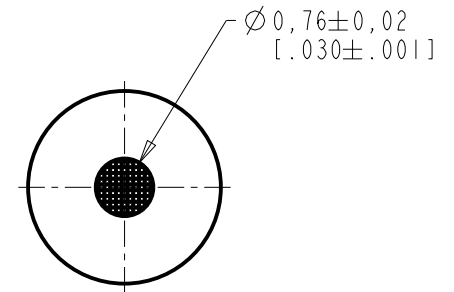
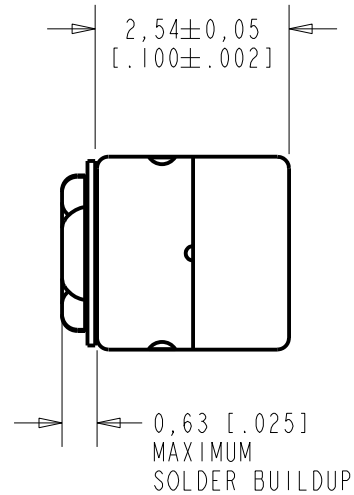
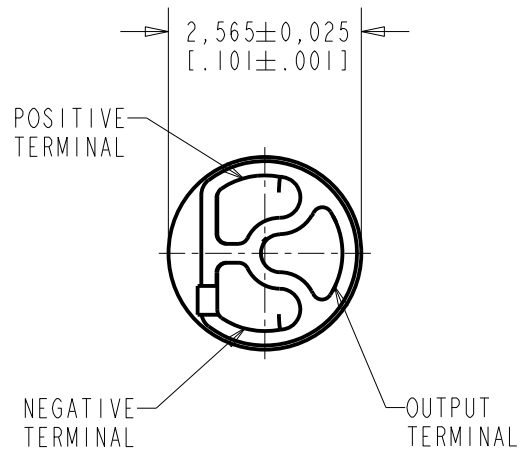


FG-23329-D65
SHT 1.1

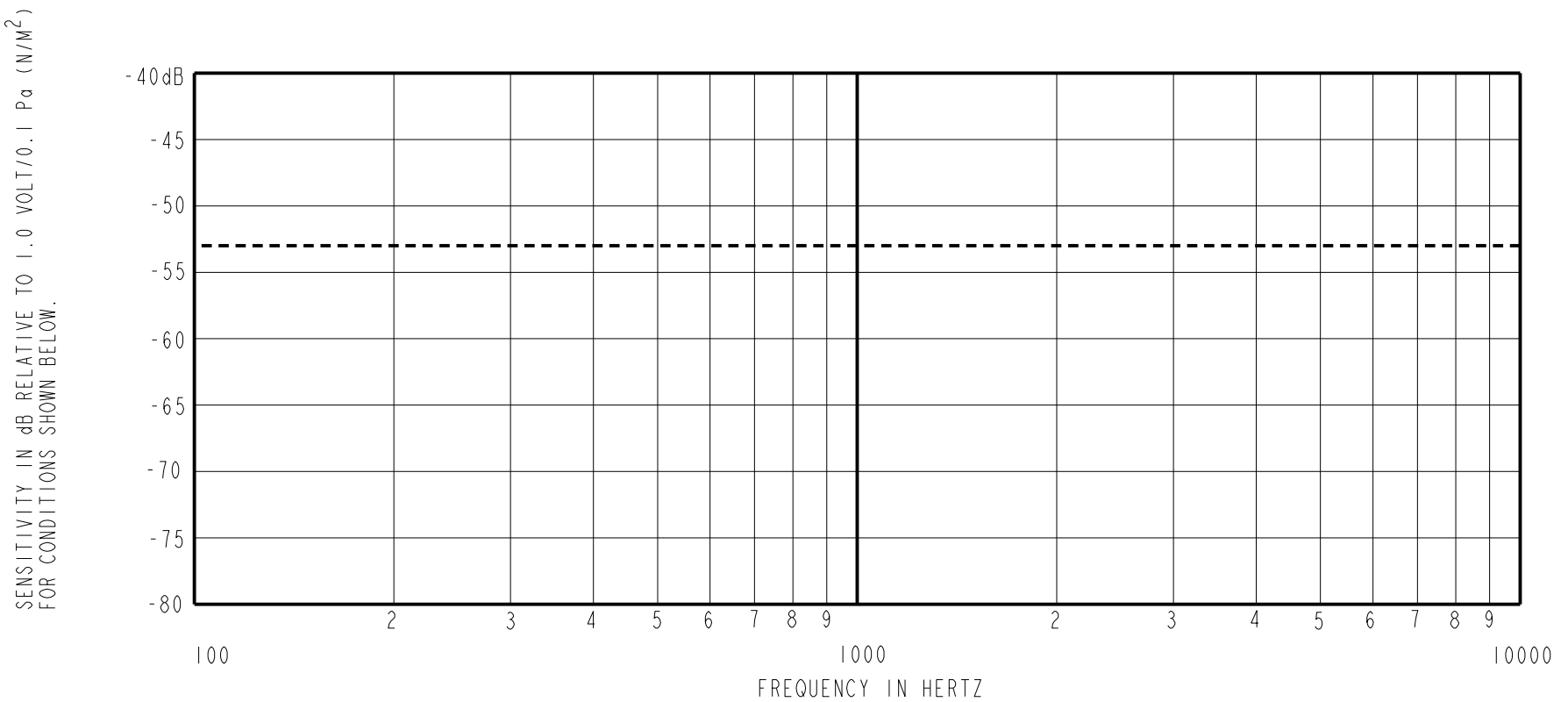


DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	MI0103600	4-14-10	Active	C
B	MI0103199	11-20-09		
A	MI0103046	7-27-09		

SCALE: 10:1		DR. BY: SDZ	DATE: 7-27-09
DO NOT SCALE DRAWING		CK. BY: GJP	DATE: 7-27-09
TITLE: MICROPHONE	FG-23329-D65	APP. BY: GJP	DATE: 7-27-09
OUTLINE DRAWING		SHT 1.1	

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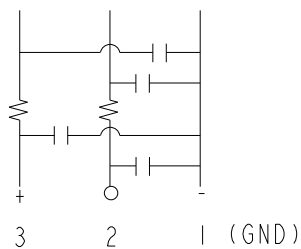


FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-53.0	---	-3.0	+3.0
1000	-56.0	-53.0	-50.0	0.0	0.0
10000	---	-53.0	---	-3.0	+3.0

- NOTES: 1. CASE CONNECTED TO NEGATIVE TERMINAL.
2. MICROPHONE TO BE FUNCTIONAL WITH 3.0 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 CHANGING SUPPLY TO 0.9VDC AND 3.0 VDC	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)	OUTPUT IMPEDANCE OHMS			CAPACITANCE ±50%	
				MIN.	NOM.	MAX.	1-2	1-3
1.3V	50 µA MAX.	3 dB MAX.	30.0 dB MAX.	2800	4400	6800	13 pF	13 pF

CAPACITANCE PROBE POINTS



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	M10103600	4-14-10	Active	C
B	M10103199	11-20-09		
A	M10103046	7-27-09		

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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

TITLE: **MICROPHONE** **FG-23329-D65**
PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
SDZ	7-27-09
CK. BY	DATE
GJP	7-27-09
APP. BY	DATE
GJP	7-27-09