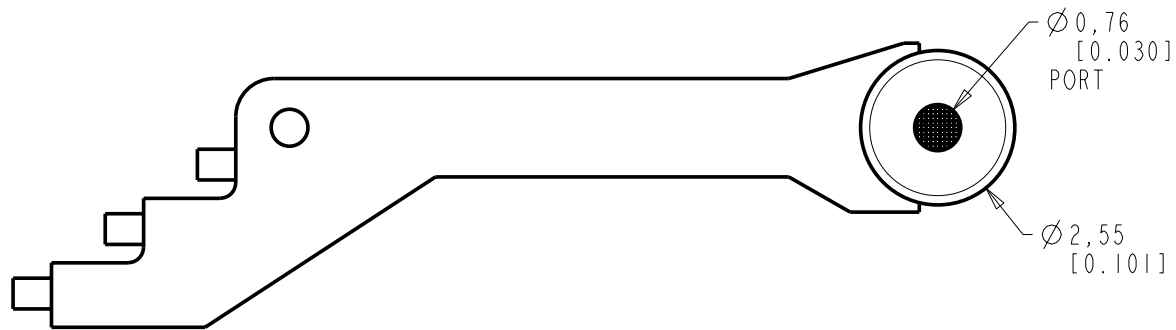
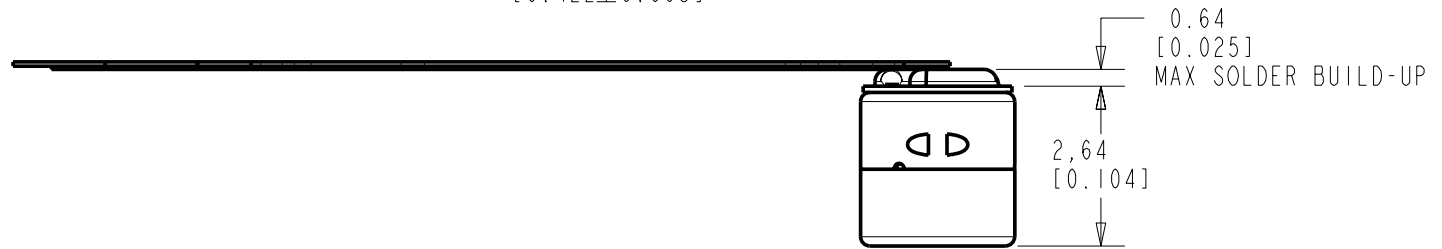
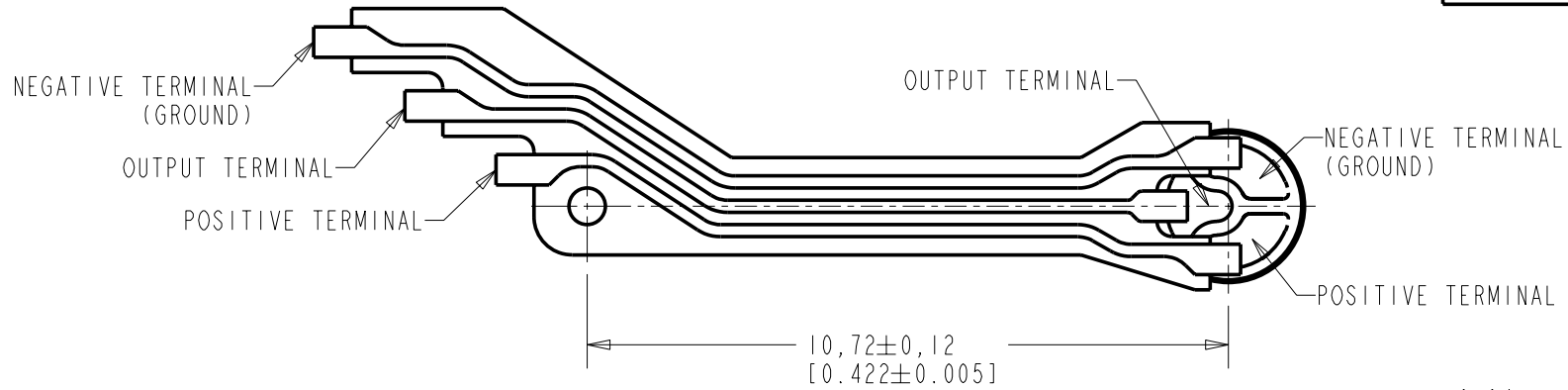


FG-23329-P36

SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

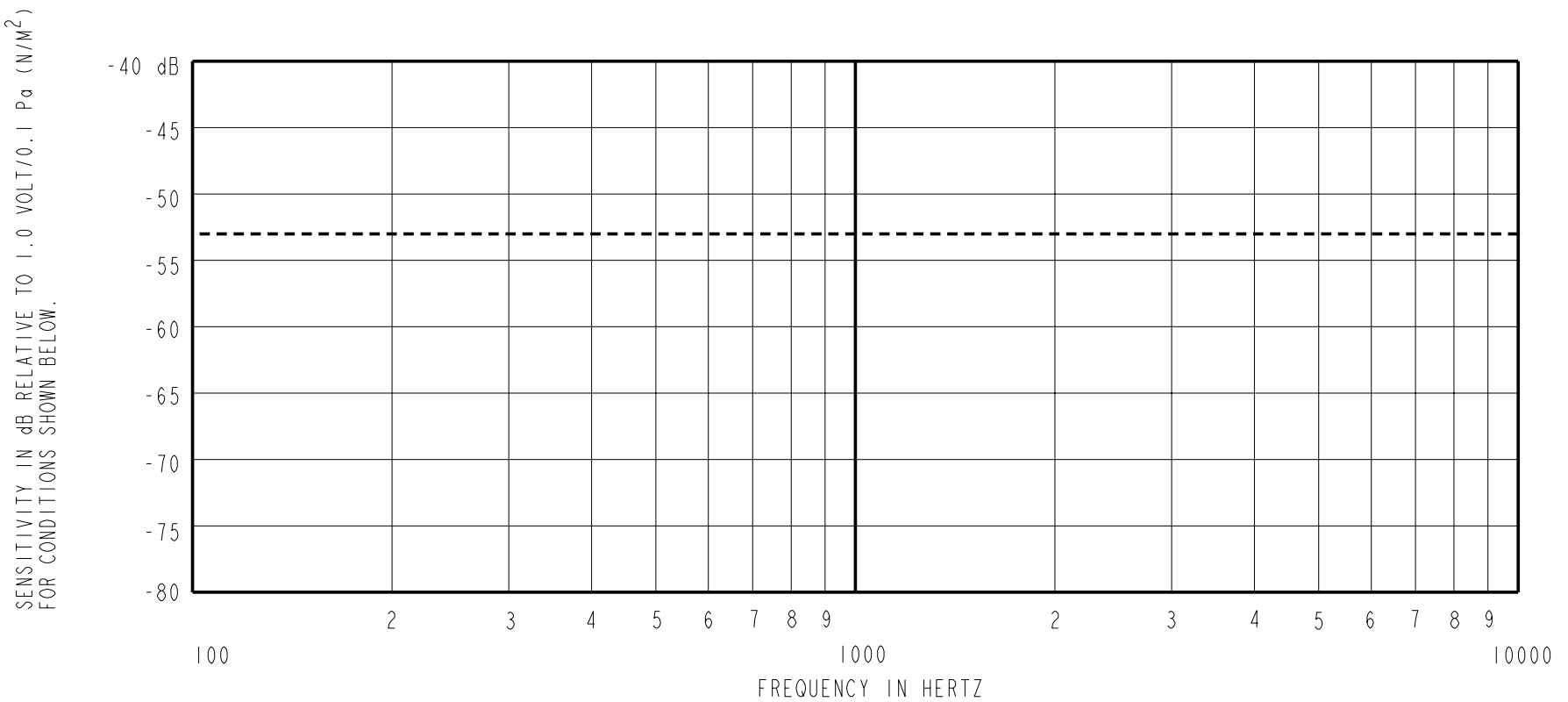
Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	A
A	MI0100656	06/21/05		

SCALE: 8:1		DR. BY	DATE
DO NOT SCALE DRAWING		DMS	05/05/05
		CK. BY	DATE
TITLE: MICROPHONE/FLEX CIRCUIT		GJP	06/24/05
		APP. BY	DATE
OUTLINE DRAWING		GJP	06/24/05

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FG-23329-P36

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	---	-53.0	---	-3.0	+3.0

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 .9VDC	"A" WEIGHTED NOISE (1KHz EQUIVALENT SPL)	OUTPUT IMPEDANCE OHMS			CAPACITANCE ±50%	
				MIN.	NOM.	MAX.	OUTPUT TO NEGATIVE	OUTPUT TO POSITIVE
1.3V	50µA MAX.	3 dB MAX.	30.0 dB MAX.	2800	4400	6800	33pF	33pF

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0100656	06/21/05	Released	A

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
TITLE: MICROPHONE/FLEX CIRCUIT PERFORMANCE SPECIFICATION		DMS	05/05/05
		GJP	06/24/05
FG-23329-P36 SHT 2.1		APP. BY	DATE
		GJP	06/24/05

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