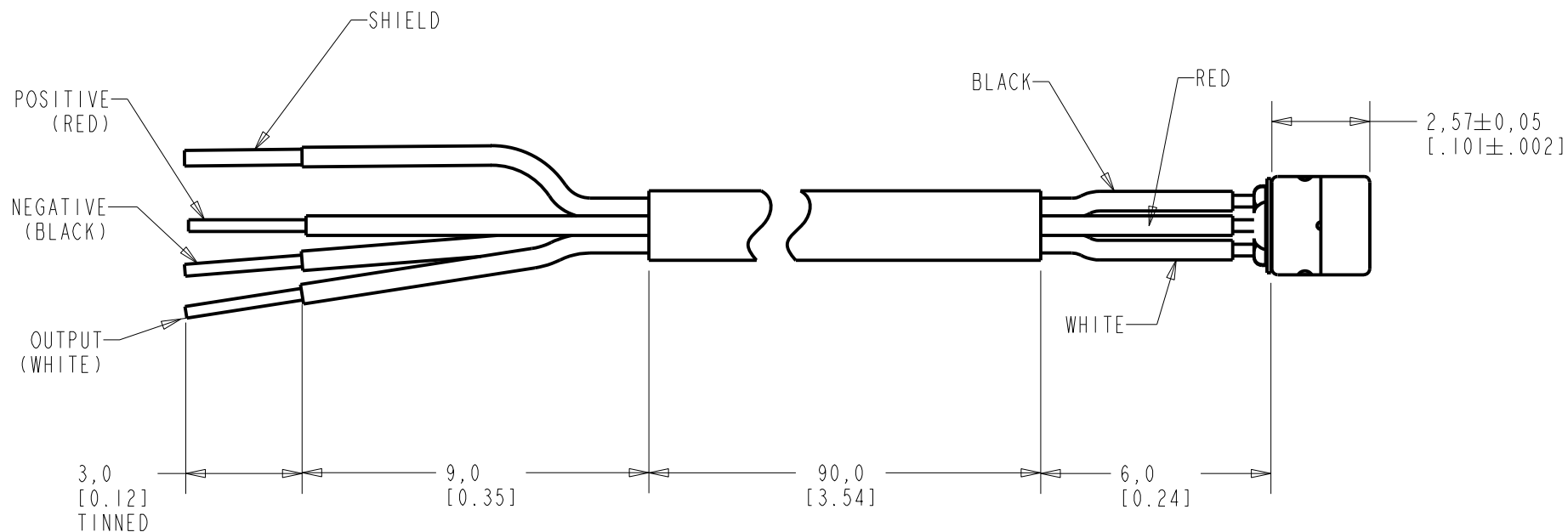


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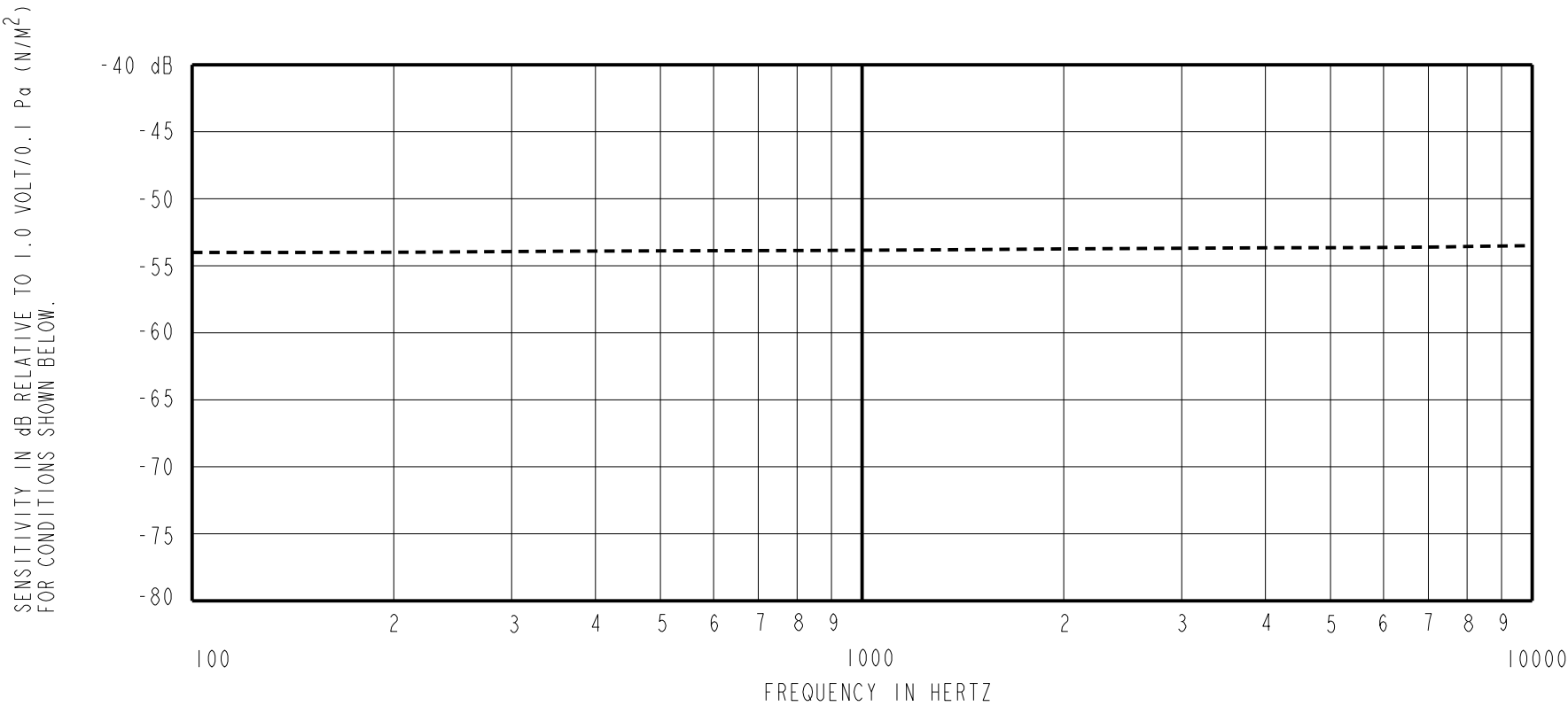
SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	C40101137	10-30-12	Active	E
D	C40101079	8-15-12		
SCALE: 8:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	11-21-05
TITLE: MICROPHONE / CABLE			CK. BY	DATE
OUTLINE DRAWING			GJP	11-22-05
FC-23329-P18			APP. BY	DATE
SHT 1.1			GJP	11-22-05

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FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-54.0	---	-3.0	+3.0
1000	-57.0	-54.0	-51.0	0.0	0.0
10000	---	-53.5	---	-3.0	+4.0

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 .9VDC	"A" WEIGHTED NOISE (1KHz EQUIVALENT SPL)	OUTPUT IMPEDANCE OHMS		
				MIN.	NOM.	MAX.
1.3V	50 μA MAX.	3 dB MAX.	30.0 dB MAX.	2800	4400	6800

FREQUENCY	TEST TYPE	RANGE OF DEVIATION BETWEEN MICROPHONES	UNITS
70Hz	PHASE	5.0	DEGREE
200Hz	PHASE	5.0	DEGREE

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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
E	C40101137	10-30-12	Active		E
D	C40101079	8-15-12			
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	11-21-05
TITLE: MICROPHONE /CABLE				CK. BY	DATE
				GJP	11-22-05
PERFORMANCE SPECIFICATION				APP. BY	DATE
				GJP	11-22-05
			FC-23329-PI8		
			SHT 2.1		

FC-23329-P18
SHT 2.1

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