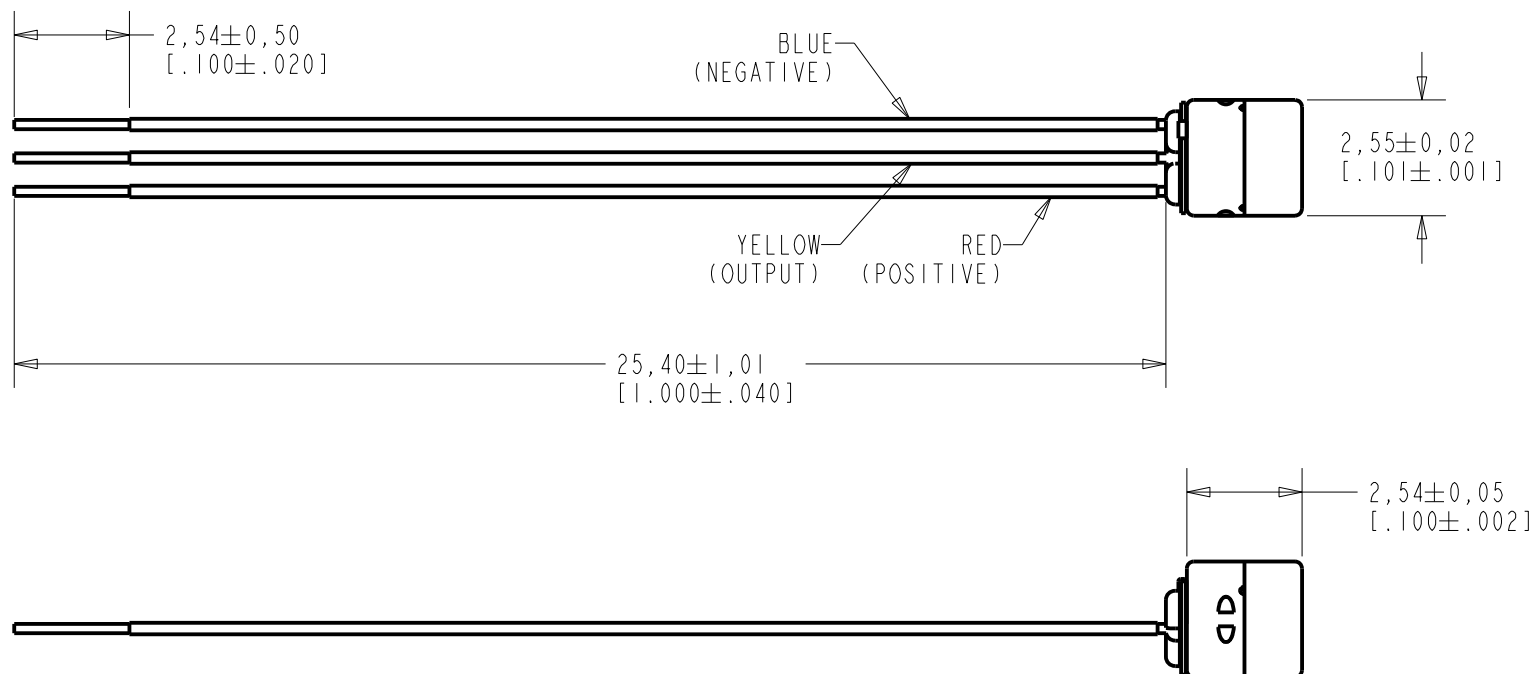


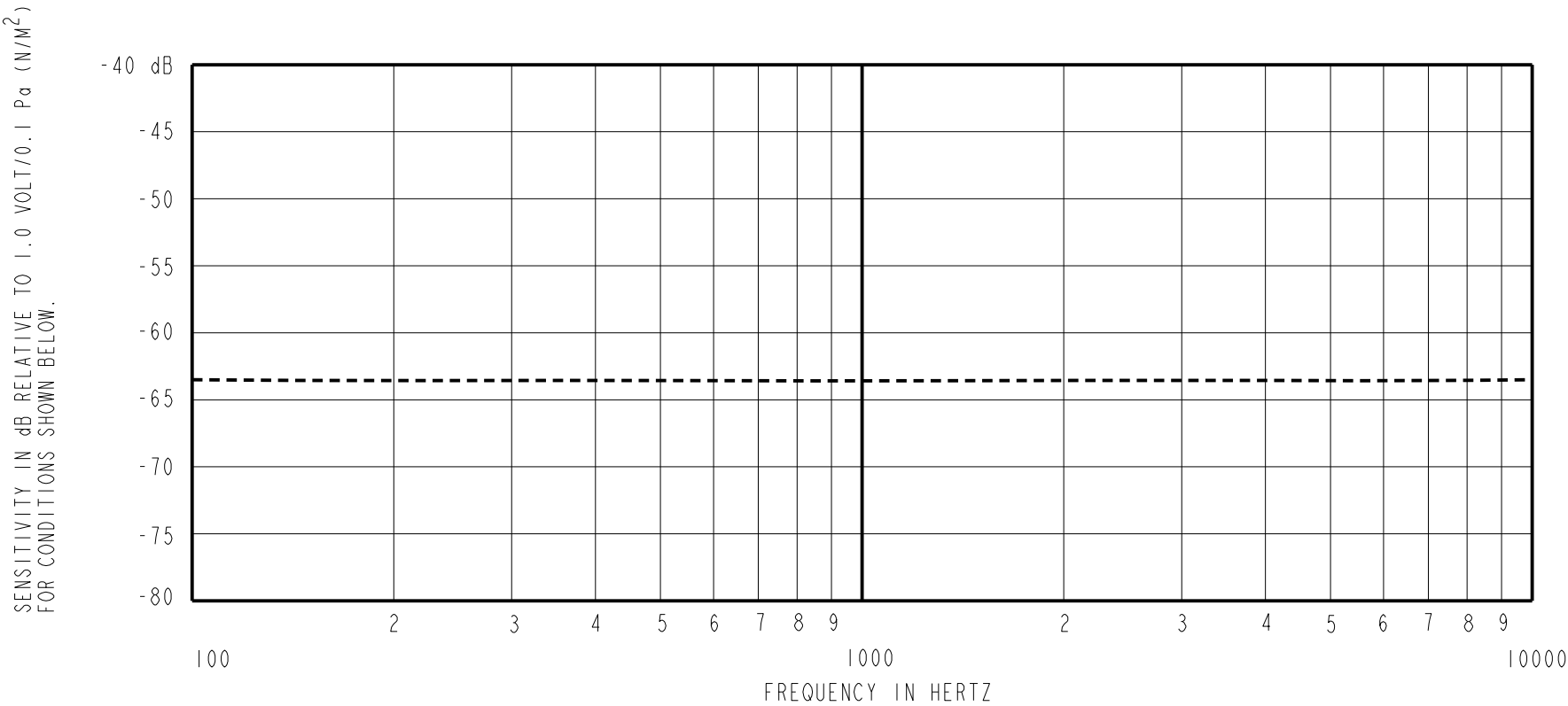
FG-23742-D36
SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
F	C40101137	10-30-12	Active	F
E	M10103048	8-7-09		
D	M10102788	4-13-09		
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-23742-D36			APP. BY	DATE
SHT 1.1			GJP	11-22-05



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-63.5	---	-3.0	+3.0
1000	-66.5	-63.5	-60.5	0.0	0.0
10000	---	-63.5	---	-3.0	+3.0

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 (RE 1.0 VOLT)	OUTPUT IMPEDANCE OHMS		
				MIN.	NOM.	MAX.
1.3V	50 μA MAX.	3 dB MAX.	36.0 dB MAX.	2800	4400	6800

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F	C40101137	10-30-12	Active		F		
E	M10103048	8-7-09					
D	M10102788	4-13-09					
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 PERFORMANCE SPECIFICATION				FG-23742-D36 SHT 2.1		CK. BY	DATE
						GJP	11-22-05
						APP. BY	DATE
						GJP	11-22-05