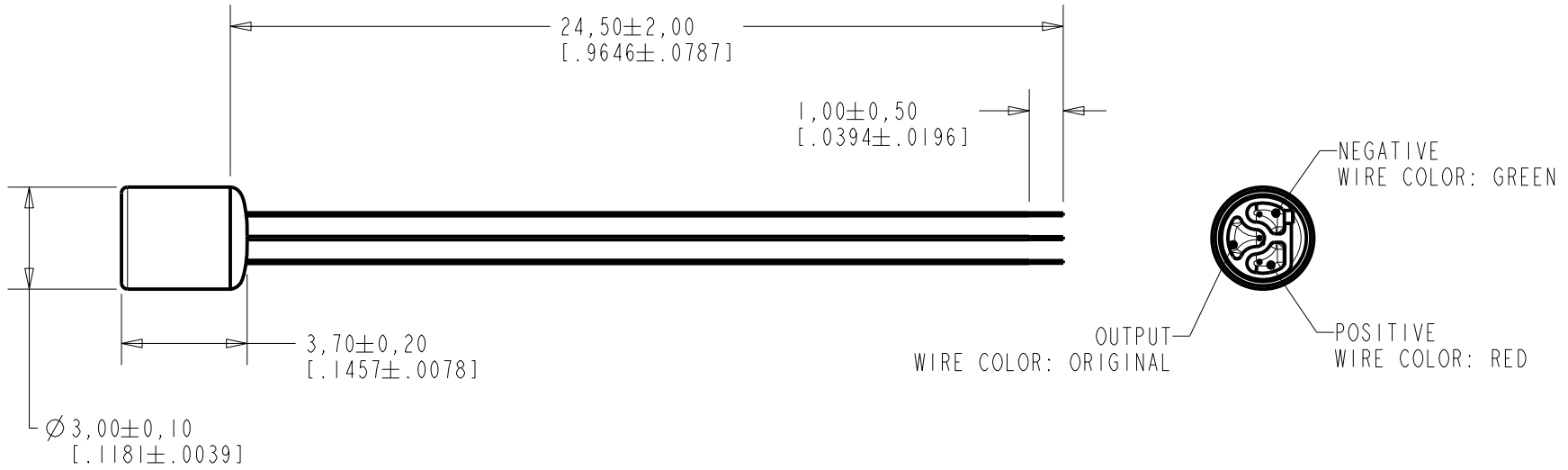


THE INFORMATION CONTAINED IN THIS LITERATURE IS BASED ON OUR EXPERIENCE TO DATE AND IS BELIEVED TO BE RELIABLE AND IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS INTENDED AS A GUIDE FOR USE BY PERSONS HAVING TECHNICAL SKILL AT THEIR OWN DISCRETION AND RISK. WE DO NOT GUARANTEE FAVORABLE RESULTS OR ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE. DIMENSIONS CONTAINED HEREIN ARE FOR REFERENCE PURPOSES ONLY. FOR SPECIFIC DIMENSIONAL REQUIREMENTS CONSULT MANUFACTURER. THIS PUBLICATION IS NOT TO BE TAKEN AS A LICENSE TO OPERATE UNDER, OR RECOMMENDATION TO INFRINGE ANY EXISTING PATENTS. THIS SUPERSEDES AND VOIDS ALL PREVIOUS LITERATURE.

VFG-30747-000
SHT 1.1



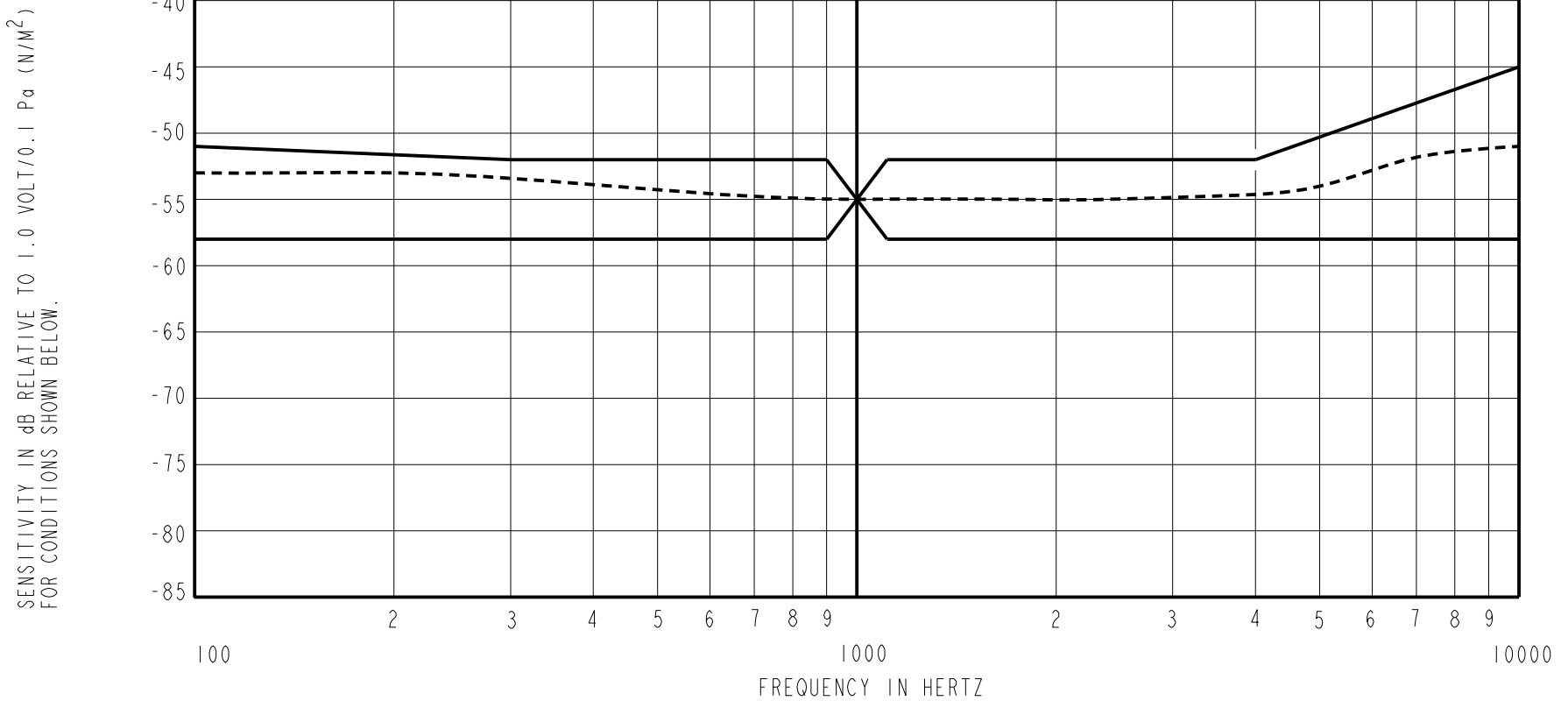
NORMAL WEIGHT IS 0.085g

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C40101001	5-03-12	Active	B
A	C40100953	3-26-12		

KNOWLES ACOUSTICS
ITASCA, ILLINOIS U.S.A.

SCALE: 5:1		DR. BY	DATE
DO NOT SCALE DRAWING		LSY	3-26-12
TITLE: MICROPHONE ASSEMBLY VFG-30747-000		CK. BY	DATE
OUTLINE DRAWING		GJP	3-27-12
SHT 1.1		APP. BY	DATE
		GJP	3-27-12



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1kHz	
100	---	-53	---	-3.0	+4.0
300	---	-53	---	-3.0	+3.0
1000	-58	-55	-52	0.0	0.0
4000	---	-54	---	-3.0	+3.0
10000	---	-52	---	-3.0	+10.0

NOTES:

1. MICROPHONE TO BE FUNCTIONAL WITH 3.0 VDC SUPPLY.
2. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.06 dB/%RH
3. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

PORT LOCATION	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.
12S	1.3V	0.05mA MAX.	3dB MAX.	30dB MAX.	2800	4400	6800

4. SURVIVES SUBMERSION IN 1m OF WATER FOR 30 MINUTES AND PASS FUNCTIONAL TEST, SENSITIVITY WITHIN 3dB OF INITIAL SENSITIVITY.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C40101001	5-03-12	Active	B
A	C40100953	3-26-12		
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				
TITLE: MICROPHONE ASSEMBLY			VFG-30747-000	DR. BY DATE LSY 3-26-12
PERFORMANCE SPECIFICATION			SHT 2.1	CK. BY DATE GJP 3-27-12
				APP. BY DATE GJP 3-27-12

KNOWLES ACOUSTICS
ITASCA, ILLINOIS U.S.A.