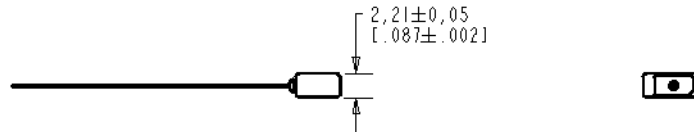
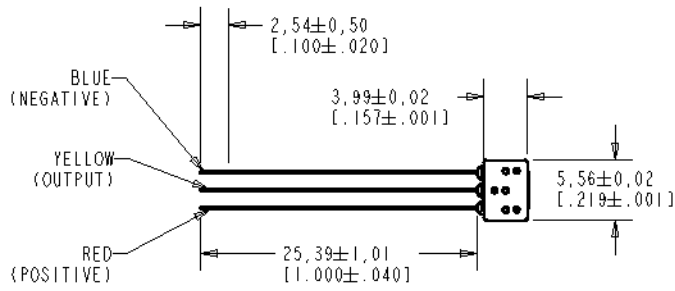


**WP-23502-P16**  
SHT 1.1



NOMINAL WEIGHT  
.4 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

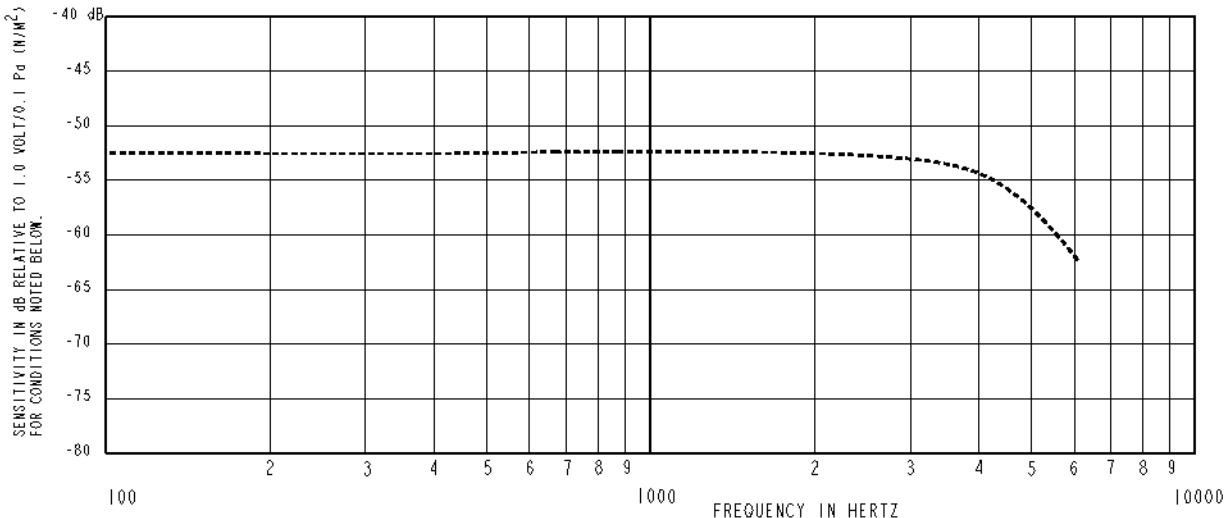
**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			<b>Released</b>	<b>A</b>
A	MI0101177	7-24-06		
SCALE: <b>2:1</b>			DR. BY	DATE
DO NOT SCALE DRAWING			SDZ	7-21-06
TITLE: <b>MICROPHONE &amp; CABLE WP-23502-P16</b>			CK. BY	DATE
OUTLINE DRAWING			GJP	7-23-06
			APP. BY	DATE
			GJP	7-23-06

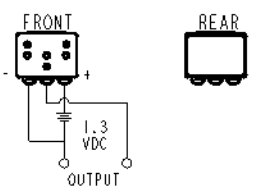
NE111ASIZE.FRM

Rev: B

**WP-23502-P16**  
**SHT 2.1**



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1 KHz	
100	---	-52.0	---	-2.0	+2.0
1000	-55.0	-52.0	-49.0	0.0	0.0
4000	---	-53.0	---	-4.0	+2.0



**NOTES:**

- CASE CONNECTED TO NEGATIVE TERMINAL.
- MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- MICROPHONE WILL SURVIVE SUBMERSION IN 3M OF WATER.

DC SUPPLY	AMPLIFIER CURRENT DRAIN	OUTPUT IMPEDANCE OHMS		
		MIN.	NOM.	MAX.
1.3V	50 uA MAX.	2800	4400	6800

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0101177	7-24-06	<b>Released</b>	<b>A</b>

**KNOWLES ELECTRONICS**  
 ITASCA, ILLINOIS U.S.A.

SCALE: <b>2:1</b>	DR. BY: SDZ	DATE: 7-21-06
DO NOT SCALE DRAWING	CK. BY: GJP	DATE: 7-23-06
TITLE: <b>MICROPHONE &amp; CABLE</b>	<b>WP-23502-P16</b>	APP. BY: GJP
OUTLINE DRAWING	<b>SHT 2.1</b>	DATE: 7-23-06