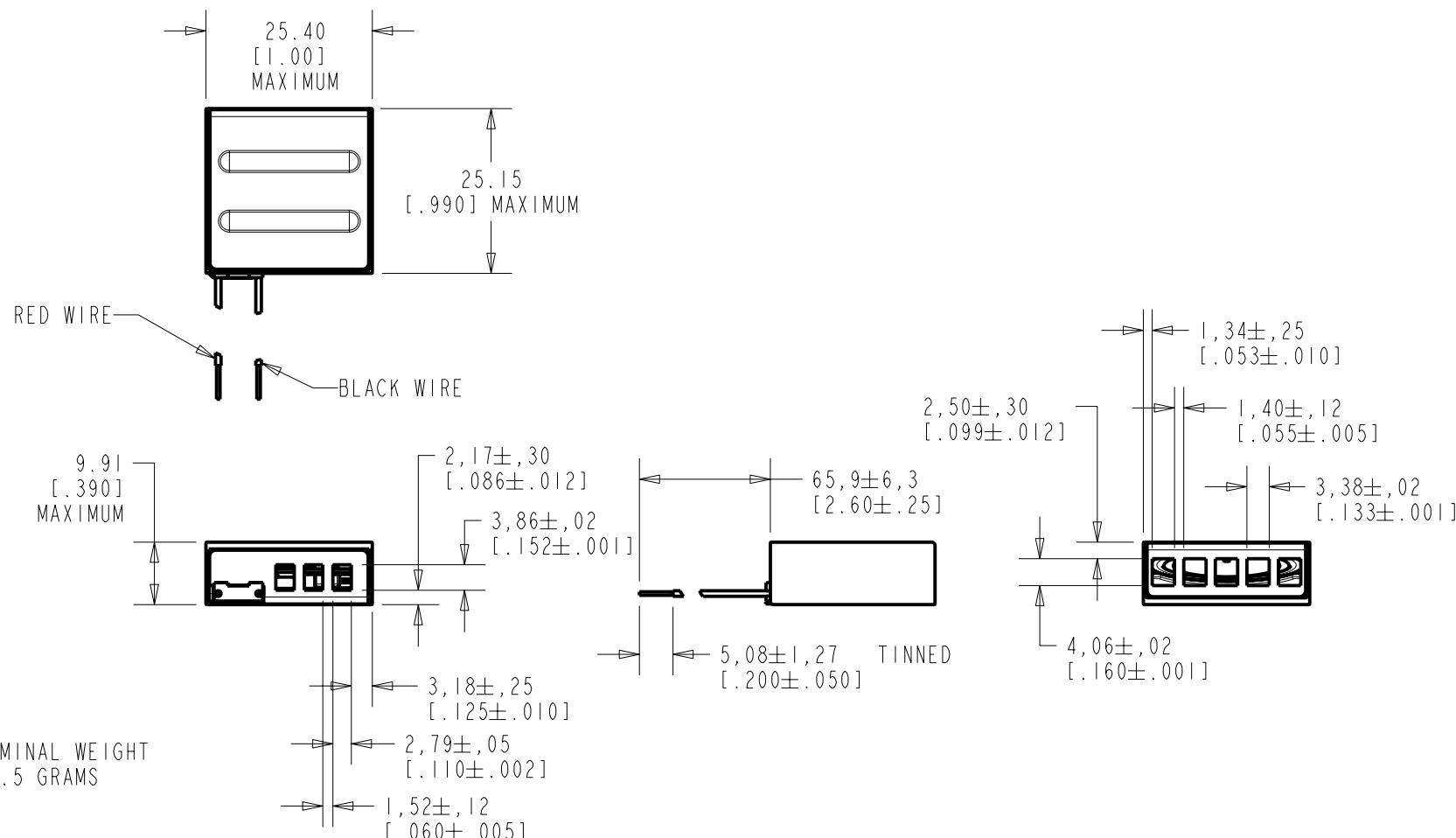


CB-23817-000

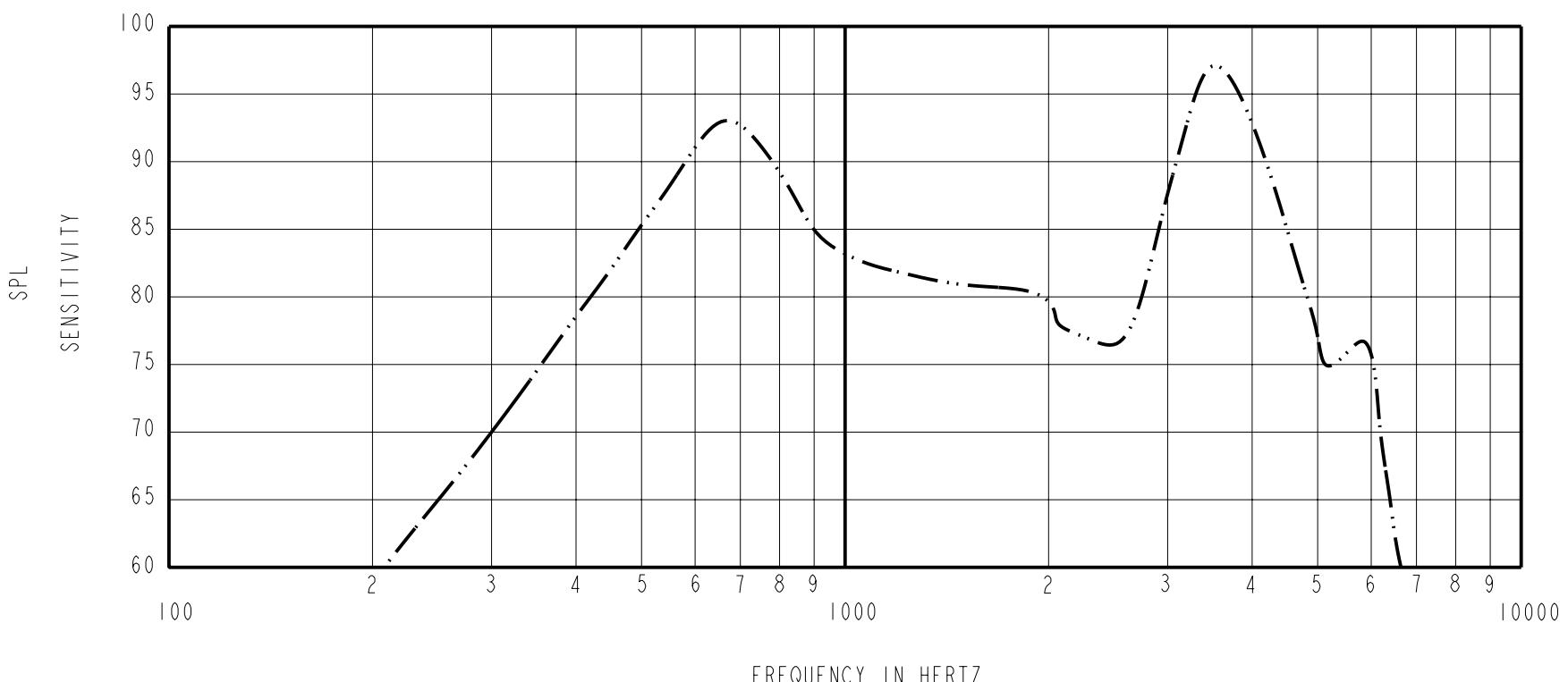
SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
Released				A
SCALE:	1:1		DR. BY	DATE
DO NOT SCALE DRAWING				LSY 9-19-06
TITLE:	SPEAKER	CB-23817-000	CK. BY	DATE
OUTLINE DRAWING			GJP	9-21-06
			APP. BY	DATE
			GJP	9-21-06



- SENSITIVITY IN dB RELATIVE TO .0002 MICROBAR (2×10^{-5} N/m²) FOR THE CONDITIONS SHOWN IN #2 & #3 BELOW.
- MEASUREMENTS MADE ON AXIS AT 2.54 cm NORMAL TO THE SOUND PORT UNDER FREE FIELD (ANECHOIC) CONDITIONS. THE REAR PORT IS VENTED INTO A 160 cm³ DAMPED CAVITY FOR THIS MEASUREMENT.
- ELECTRICAL SIGNAL (CONSTANT VOLTAGE):

SOURCE IMPEDANCE	< 0.5 OHMS
VOLTAGE APPLIED	0.59 VOLTS RMS

4. NOMINAL IMPEDANCE:

ACOUSTICAL CONDITIONS	SEE #2 ABOVE
ELECTRICAL CONDITIONS	SEE #3 ABOVE
IMPEDANCE AT 500 Hz	48 OHMS
IMPEDANCE AT 1kHz	48 OHMS

5. TOTAL HARMONIC DISTORTION:

ACOUSTICAL CONDITIONS	SEE #2 ABOVE
ELECTRICAL CONDITIONS	SEE #3 ABOVE
FREQUENCY	500 Hz
DISTORTION	10% MAXIMUM

6. NOMINAL DC RESISTANCE @ 20°C: 21.5 OHMS

7. SENSITIVITY

FREQUENCY	MIN.	MAX.
700	88.0	---
1000	80.0	---
4000	90.0	---

8. SURVIVES 50 FOOT SUBMERSION IN SALT WATER FOR 15 MINUTES AND 2 FOOT SUBMERSION IN SALT WATER FOR 24 HOURS. RETURN TO RATED SPECIFICATIONS AFTER DRY.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	
A	M10101232	9-19-06		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				
TITLE: SPEAKER		CB-23817-000	SH	
PERFORMANCE SPECIFICATION				
DR. BY	DATE			
LSY	9-19-06			
CK. BY	DATE			
GJP	9-21-06			
APP. BY	DATE			
GJP	9-21-06			

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