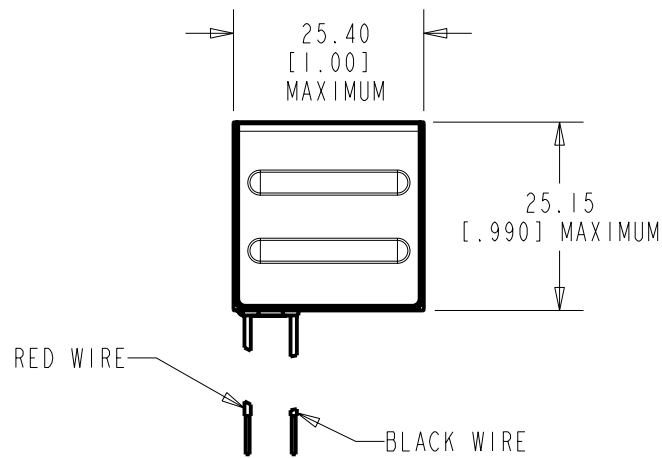
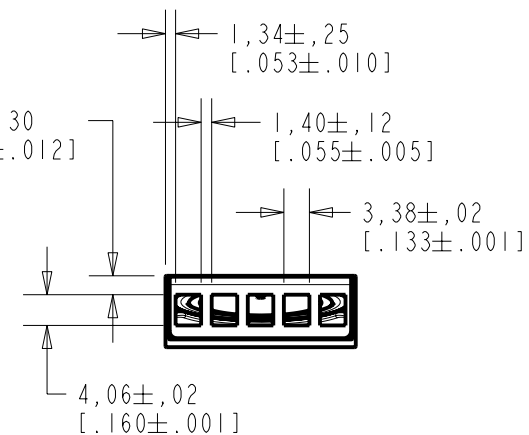
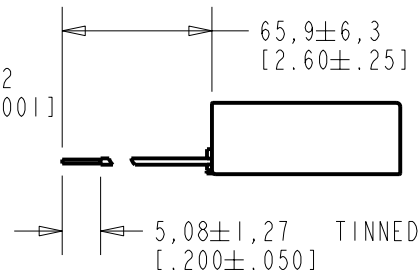
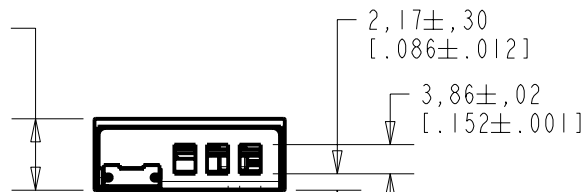


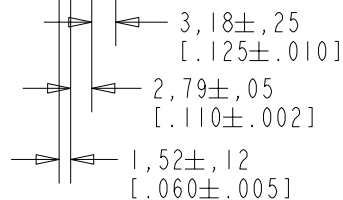
CB-23817-000  
SHT 1.1



9.91  
[.390]  
MAXIMUM



NOMINAL WEIGHT  
13.5 GRAMS



DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0101232	9-19-06	Released	A

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

SCALE: 1:1		DR. BY: LSY	DATE: 9-19-06
DO NOT SCALE DRAWING		CK. BY: GJP	DATE: 9-21-06
TITLE: SPEAKER		APP. BY: GJP	DATE: 9-21-06
OUTLINE DRAWING		CB-23817-000 SHT 1.1	

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
			<b>Released</b>	<b>A</b>
A	MI0101232	9-19-06		

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

DR. BY	DATE
LSY	9-19-06

TITLE:	<b>SPEAKER</b>	<b>CB-23817-000</b>
	PERFORMANCE SPECIFICATION	<b>SHT</b>

CK. BY	DATE
GJP	9-21-06
APP. BY	DATE
GJP	9-21-06

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