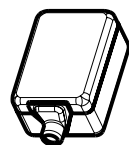
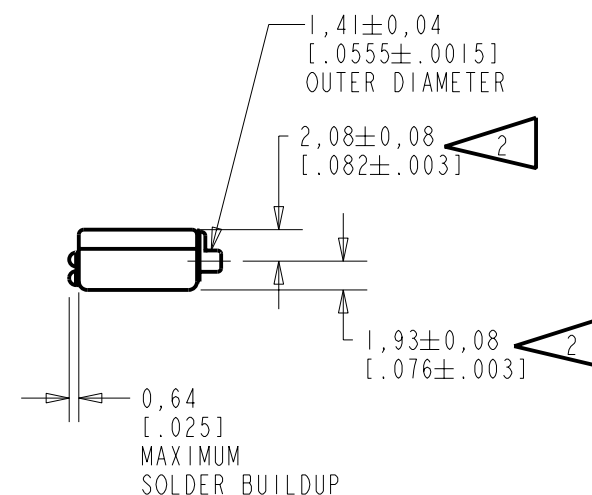
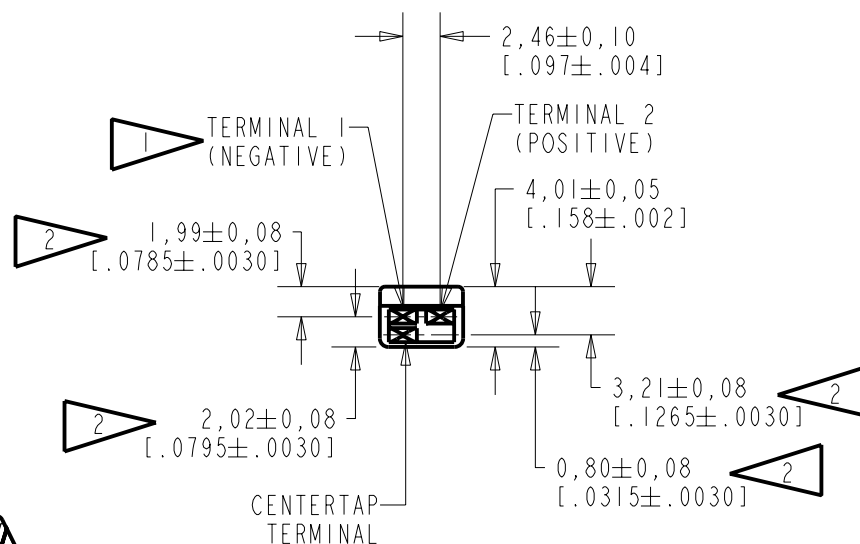
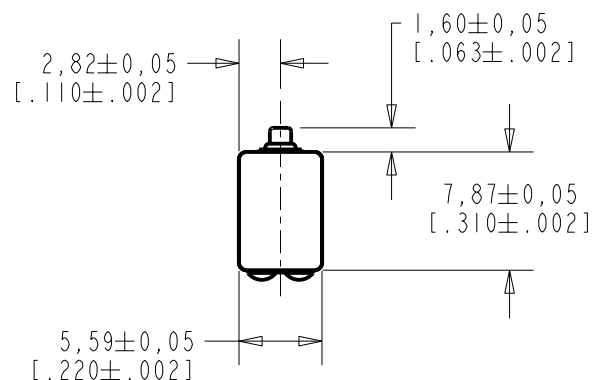


EF-21937-000

SHT 1.1

NOTES:

- 1 A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.
- 2 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO $\pm 0,17$ [.007].



NOMINAL WEIGHT
.66 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

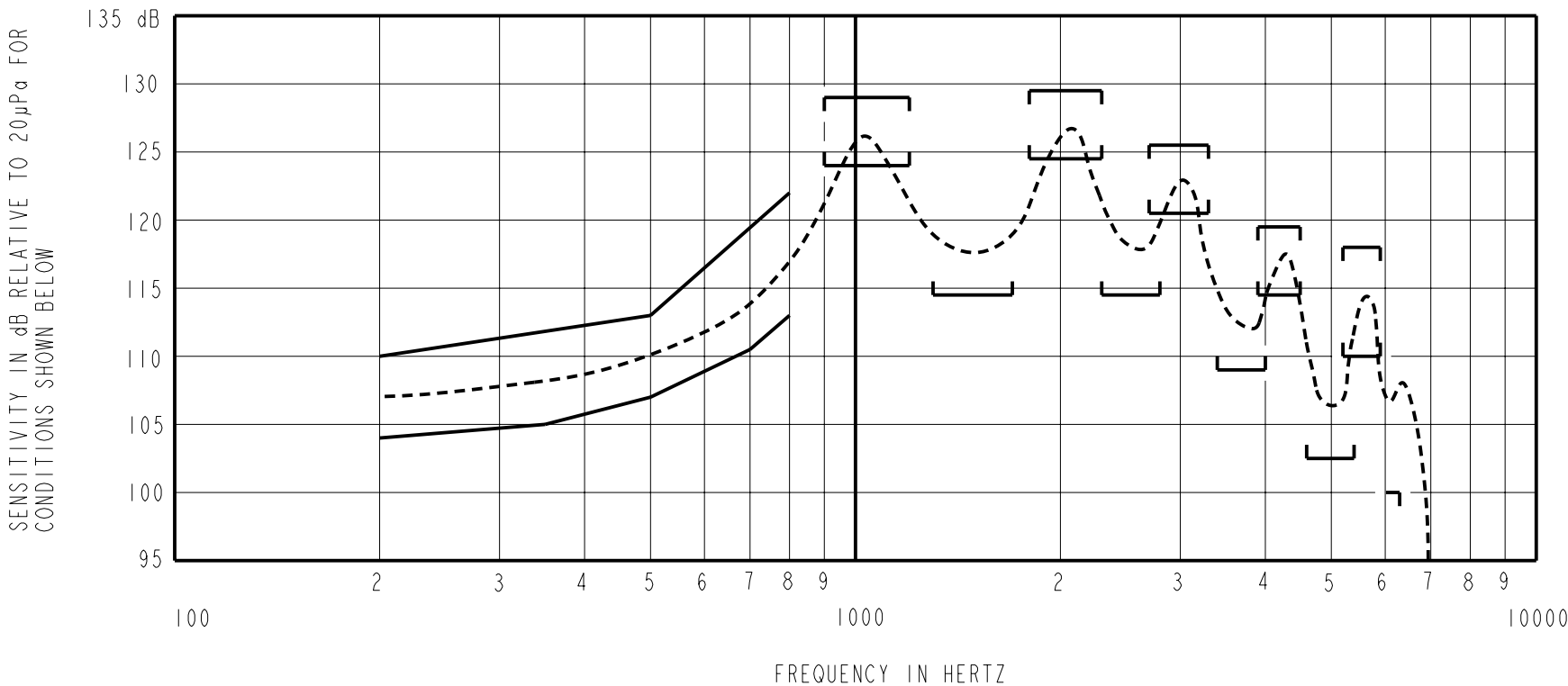
KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	A
A	CI0103490	11-28-05		
SCALE: 2:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	11-28-05
TITLE: RECEIVER OUTLINE DRAWING			CK. BY	DATE
			GJP	12-1-05
			APP. BY	DATE
			GJP	12-1-05
			EF-21937-000	
			SHT 1.1	

NO DAMPING

EF-21937-000

SHEET 2.1



NOTES:

1. MEASUREMENTS MADE USING 8mm (.315") X 1mm (.039") ID + 28mm (1.10") X 1.5mm (.059") ID EAR HOOK SIMULATOR INTO 25mm (.984") OF 2mm (.079") ID TUBE + 18mm (.709") OF 3mm (.118") ID TUBE + 2cm³ CAVITY (AS IEC126). (T-2607 AND B & K DB0138).
2. SENSITIVITY
- | FREQUENCY | MIN. | MAX. |
|-----------|-------|-------|
| 200 | 104.0 | 110.0 |
| 350 | 105.0 | --- |
| 500 | 107.0 | 113.0 |
| 700 | 110.5 | --- |
| 800 | 113.0 | 122.0 |
| 900-1200 | 124.0 | 129.0 |
| 1300-1700 | 114.5 | --- |
| 1800-2300 | 124.5 | 129.5 |
| 2300-2800 | 114.5 | --- |
| 2700-3300 | 120.5 | 125.5 |
| 3400-4000 | 109.0 | --- |
| 3900-4500 | 114.5 | 119.5 |
| 4600-5400 | 102.5 | --- |
| 5200-5900 | 110.0 | 118.0 |
| <6300 | 100.0 | --- |
3. RESPONSE, IMPEDANCE, AND DISTORTION MEASUREMENTS MADE USING THE ELECTRICAL TEST CONDITIONS SHOWN BELOW.
4. ELECTRICAL SOURCE IMPEDANCE MUST BE GREATER THAN 20 TIMES 1KHz IMPEDANCE FOR TEST CONDITIONS SHOWN BELOW.
5. INDIVIDUAL SPECIFICATIONS.

PORT LOCATION	IMPEDANCE OHMS ±15%		DCR @20°C OHMS ±10%	DISTORTION		ELECTRICAL TEST CONDITIONS	
	1KHz	500Hz		MAX. %	FREQ Hz	AC mA RMS	DC mA
12S	641	250	92.5	10	500	1.13	0.00

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Released		A
A	C10103490	11-28-05			
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
			TITLE: RECEIVER PERFORMANCE SPECIFICATION		MMM 11-28-05
					CK. BY DATE
					GJP 12-1-05
			EF-21937-000 SHT 2.1		APP. BY DATE
					GJP 12-1-05

Mouser Electronics

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