

Excellent Integrated System Limited

Stocking Distributor

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[EF-21937-000](#)

For any questions, you can email us directly:

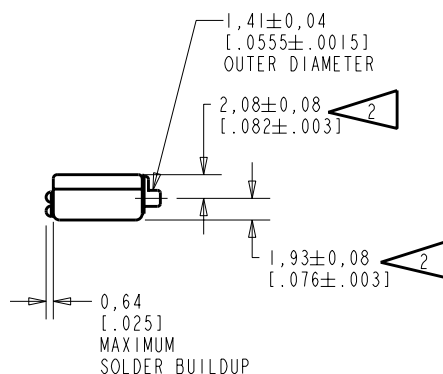
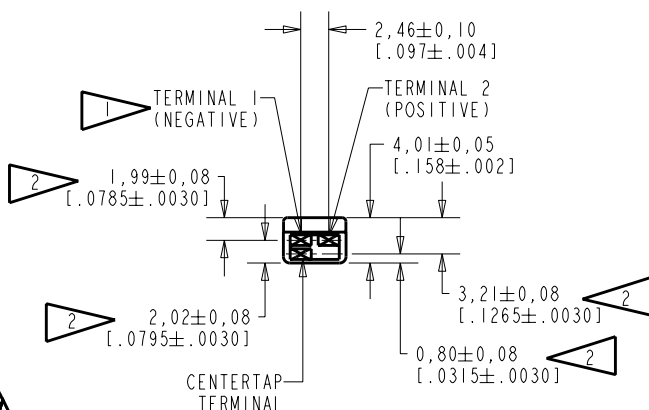
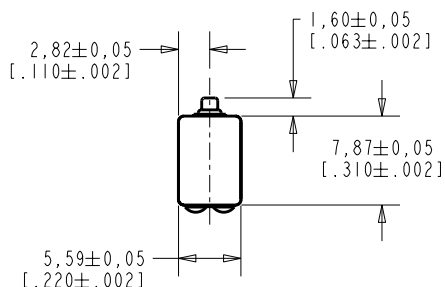
sales@integrated-circuit.com

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 $\pm 0,17$ [0.007].



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	C10103490	11-28-05		
SCALE: 2:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	11-28-05
			CK. BY	DATE
TITLE: RECEIVER			GJP	12-1-05
			APP. BY	DATE
OUTLINE DRAWING			GJP	12-1-05
			EF-21937-000	
			SHT 1.1	

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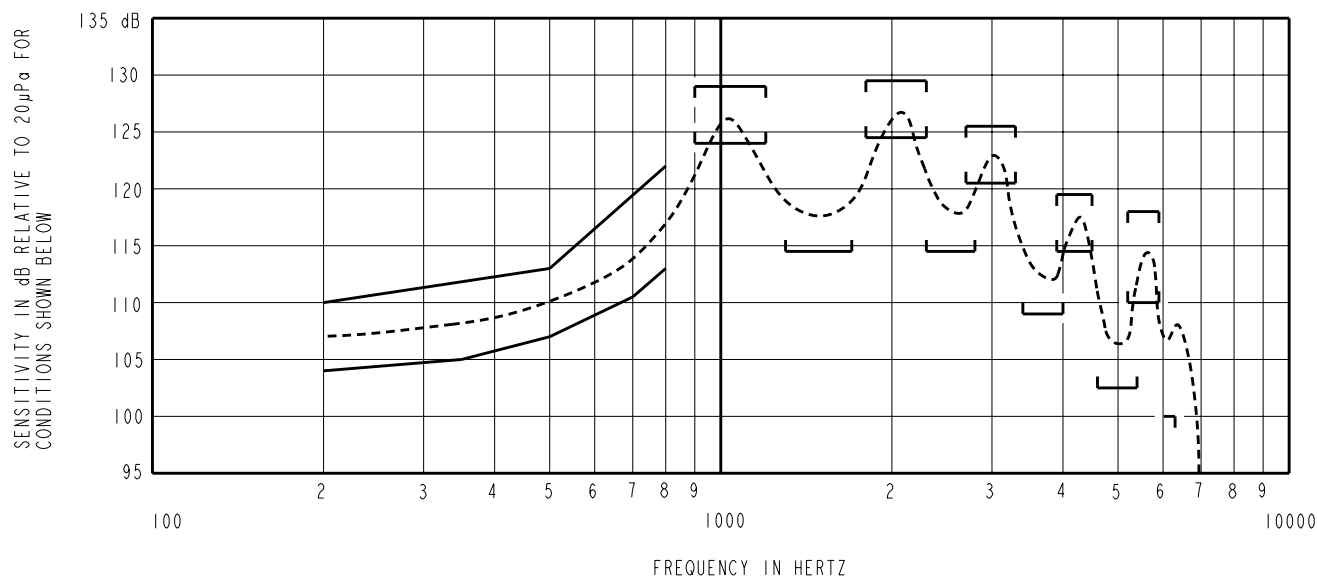
Rev: B

DR. BY	DATE
MM	11-28-05
CK. BY	DATE
GJP	12-1-05
APP. BY	DATE
GJP	12-1-05

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