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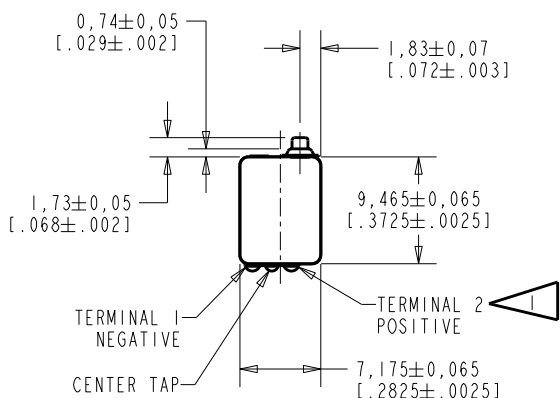
[CI-28487-000](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

CI-28487-000

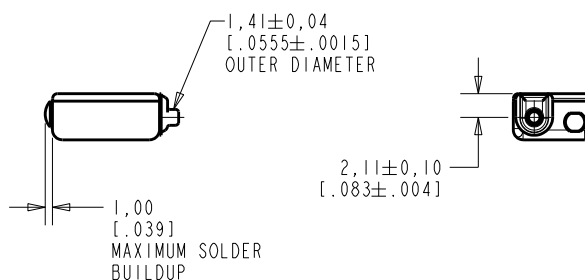
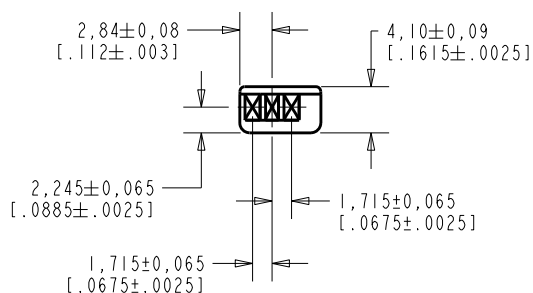
SHT 1.1



NOTES:



A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	CI0111948	12-31-10	Active	C
B	CI0104729	9-13-06		
A	CI0103476	11-30-05		
SCALE: 2:1			DR. BY DATE	
DO NOT SCALE DRAWING			DMS 11-30-05	
TITLE: RECEIVER			CK. BY DATE	
OUTLINE DRAWING			GJP 12-5-05	
CI-28487-000			APP. BY DATE	
SHT 1.1			GJP 12-5-05	

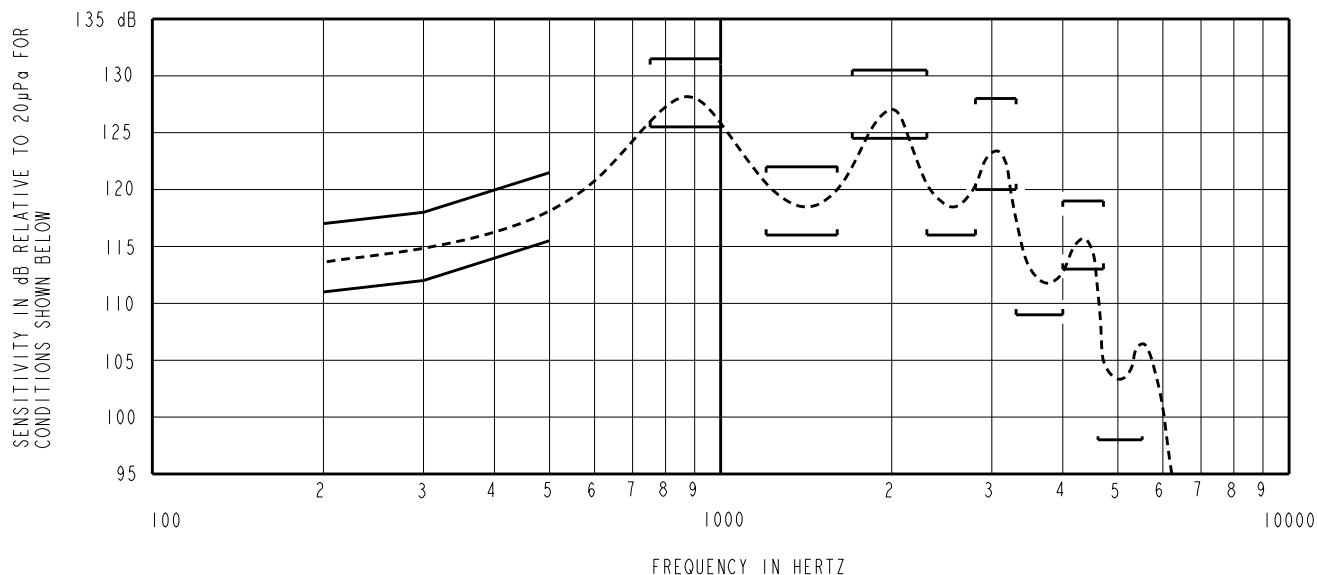
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Rev: B

NO DAMPING

CI-28487-000

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 + 2 CM³ CAVITY ANSI S3.6 TYPE HA-3 (IEC 60318-5).

2. SENSITIVITY

FREQUENCY	MIN.	MAX.
200	111.0	117.0
300	112.0	118.0
500	115.5	121.5
750-1000	125.5	131.5
1200-1600	116.0	122.0
1700-2300	124.5	130.5
2300-2800	116.0	---
2800-3300	120.0	128.0
3300-4000	109.0	---
4000-4700	113.0	119.0
4600-5500	98.0	---

3. RESPONSE, IMPEDANCE, AND DISTORTION MEASUREMENTS MADE USING THE ELECTRICAL TEST CONDITIONS SHOWN BELOW.

4. INDIVIDUAL SPECIFICATIONS.

PORT LOCATION	ELECTRICAL TEST CONDITIONS				IMPEDANCE @ 500 Hz OHMS±20%	DCR @20°C OHMS ±10%	DISTORTION	
	RESPONSE & IMPEDANCE		DISTORTION				MAX. %	FREQ. Hz
	AC mA RMS	DC mA	AC mA RMS	DC mA				
IS	3.18	0.0	6.35	0.0	69	24	10	500

5. ELECTRICAL SOURCE IMPEDANCE MUST BE GREATER THAN 20 TIMES STATED IMPEDANCE FOR TEST CONDITIONS ABOVE.