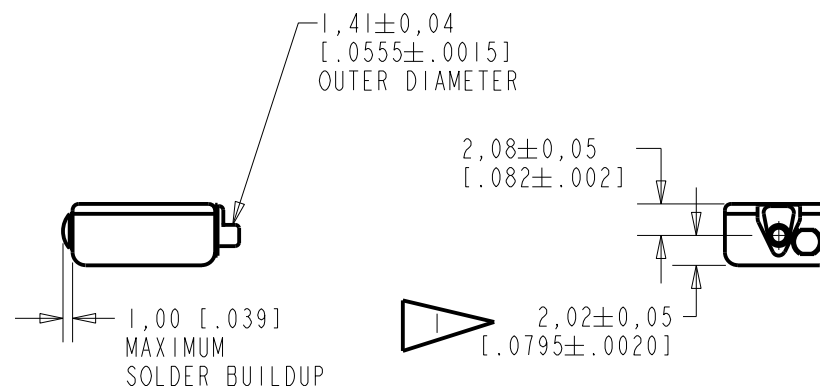
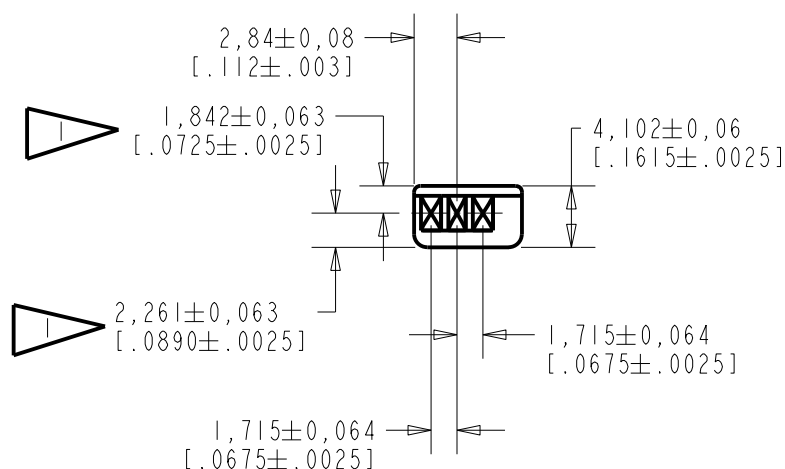
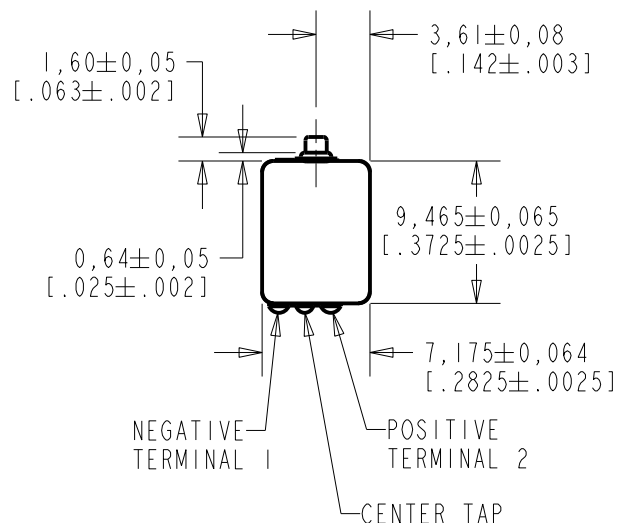


CI-28203-000

SHT 1.1

NOTES:

- 1 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER.
- 2 A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES AN INCREASE IN PRESSURE AT THE SOUND OUTLET.



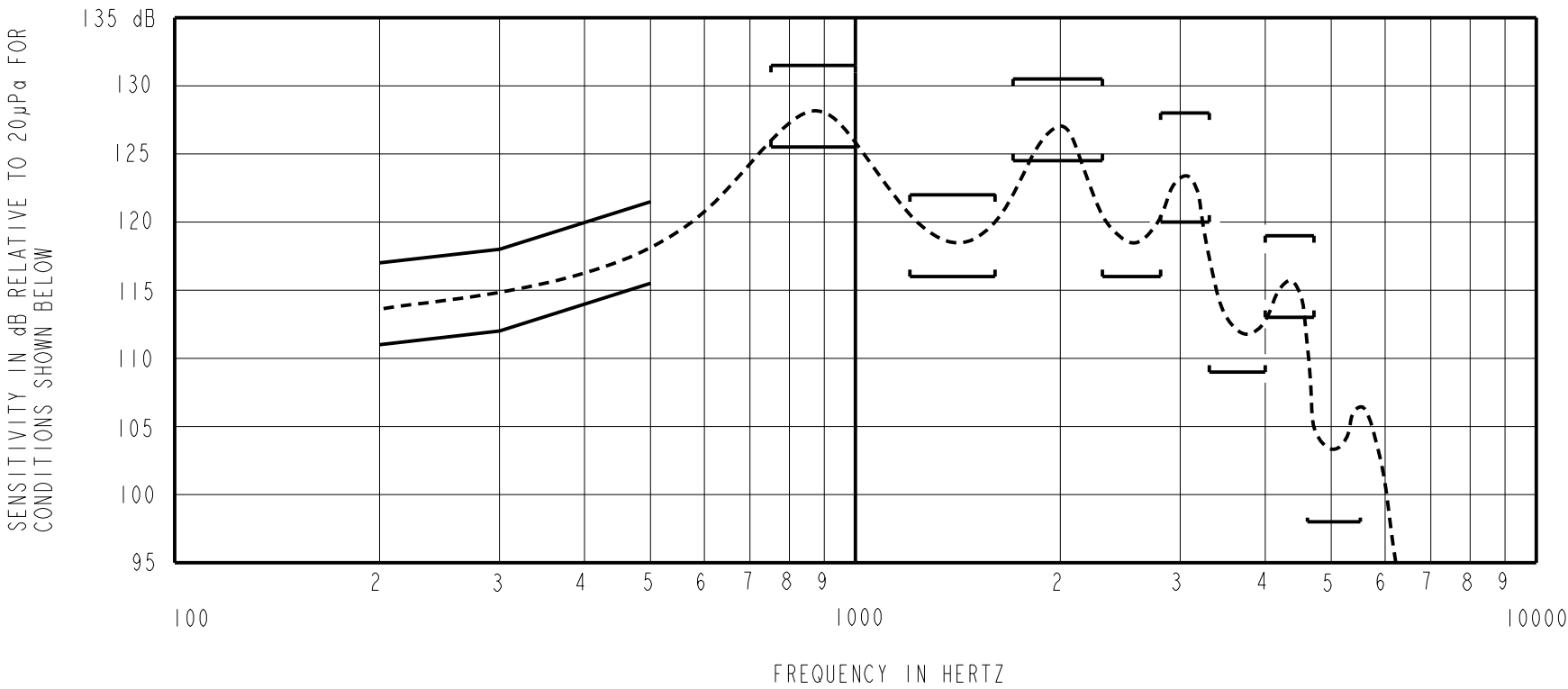
NOMINAL WEIGHT
1.0 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	CI0111948	12-28-10	Active	C
B	CI0111000	5-13-10		
A	CI0103155	9-19-05		
SCALE: 2:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	9-19-05
TITLE: RECEIVER			CK. BY	DATE
OUTLINE DRAWING			GJP	9-26-05
CI-28203-000			APP. BY	DATE
SHT 1.1			GJP	9-26-05

NO DAMPING



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. 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.ELECTRICAL SOURCE IMPEDANCE MUST BE GREATER THAN 20 TIMES 1 kHz IMPEDANCE FOR TEST CONDITIONS BELOW.

5. INDIVIDUAL SPECIFICATIONS.

PORT LOCATION	ELECTRICAL TEST CONDITIONS				IMPEDANCE @ 500 Hz OHMS±15%	DCR @20°C OHMS ±10%	DISTORTION	
	RESPONSE & IMPEDANCE		DISTORTION				MAX. %	FREQ. Hz
	AC mA RMS	DC mA	AC mA RMS	DC mA				
12S	2.00	0.0	4.00	0.0	174	75	10	500

KNOWLES ELECTRONICS
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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
C	CI0111948	12-28-10	Active		C
B	CI0111000	5-13-10			
A	CI0103155	9-19-05			
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	
			MMM	9-19-05	
TITLE: RECEIVER PERFORMANCE SPECIFICATION			CK. BY	DATE	
			GJP	9-26-05	
			APP. BY	DATE	
			GJP	9-26-05	
			CI-28203-000		
			SHT 2.1		