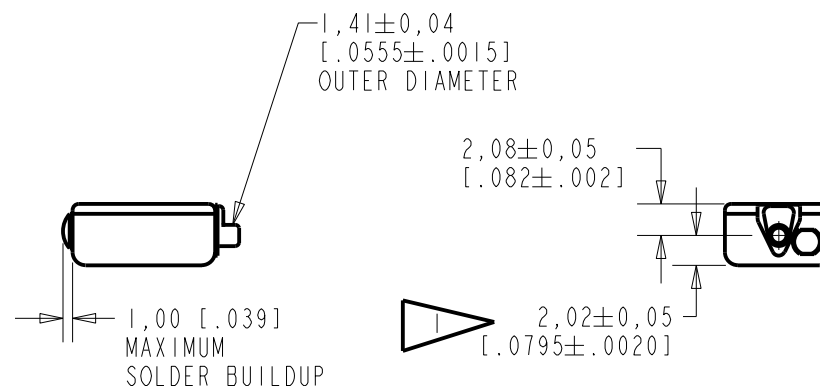
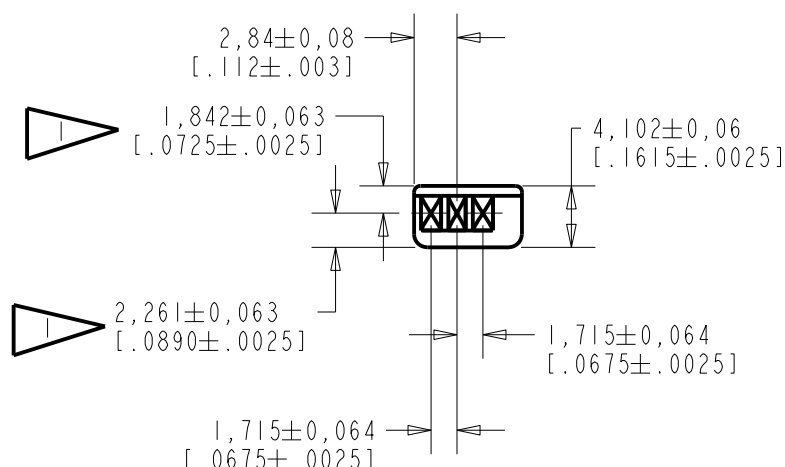
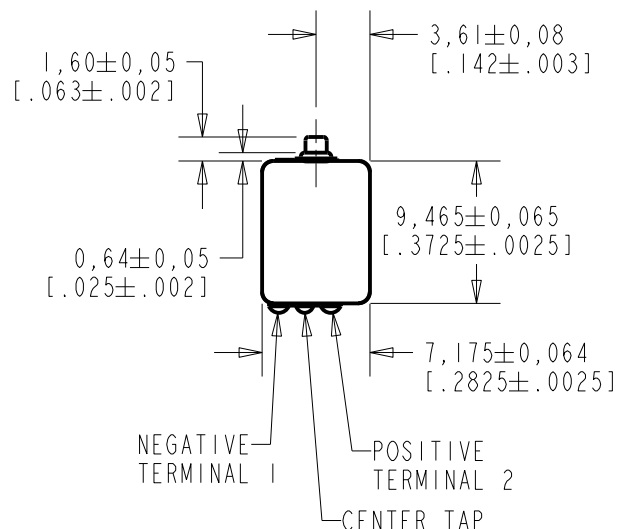


CI-28220-000

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	12-30-10	Active	C
B	CI0111000	5-13-10		
A	CI0103155	9-19-05		

SCALE:

2:1

DO NOT SCALE DRAWING

TITLE:

RECEIVER

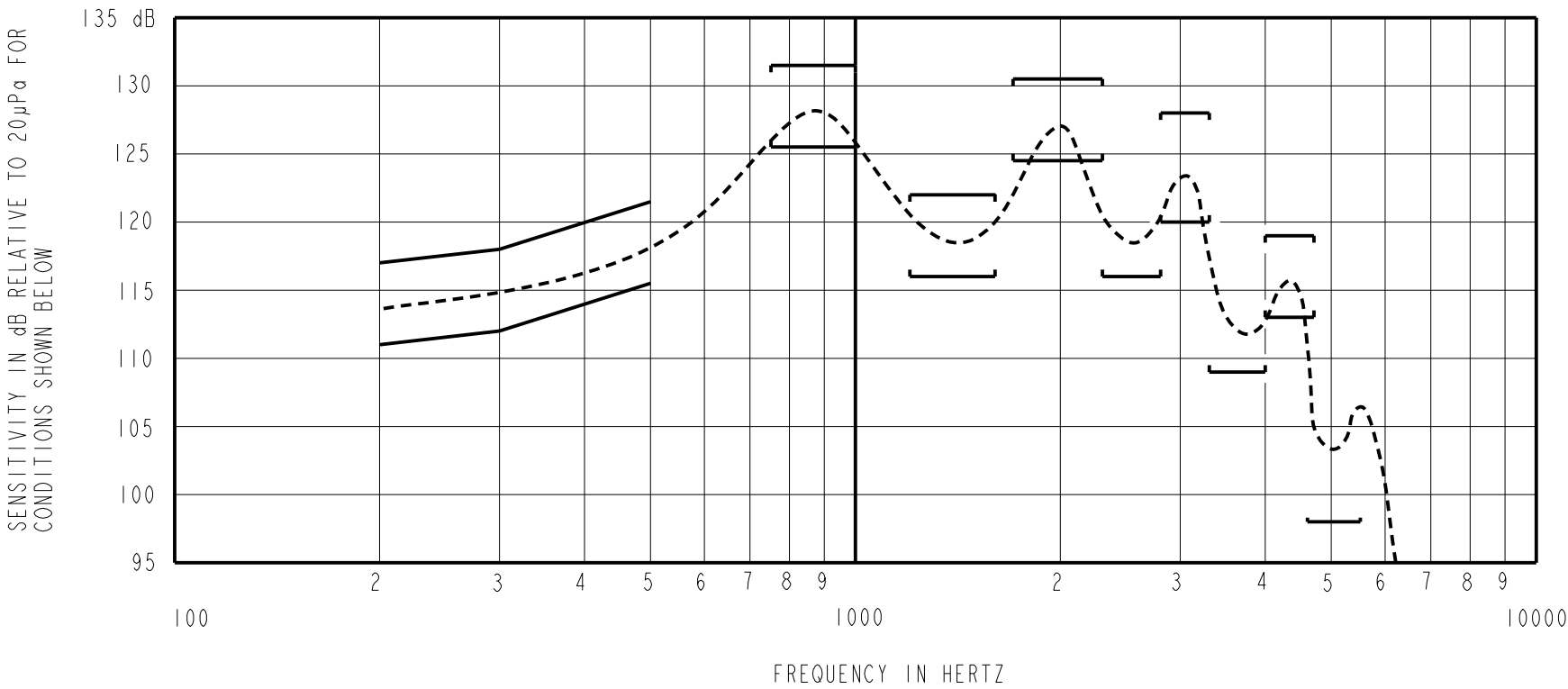
OUTLINE DRAWING

CI-28220-000

SHT 1.1

DR. BY	DATE
MMM	9-19-05
CK. BY	DATE
GJP	9-26-05
APP. BY	DATE
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 IMPEDANCE FOR TEST CONDITIONS BELOW.
5. 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				
12S	3.75	0.0	7.5	0.0	47	20	10	500

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C	CI0111948	12-30-10	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	
CI-28220-000 SHT 2.1			APP. BY	DATE	
			GJP	9-26-05	