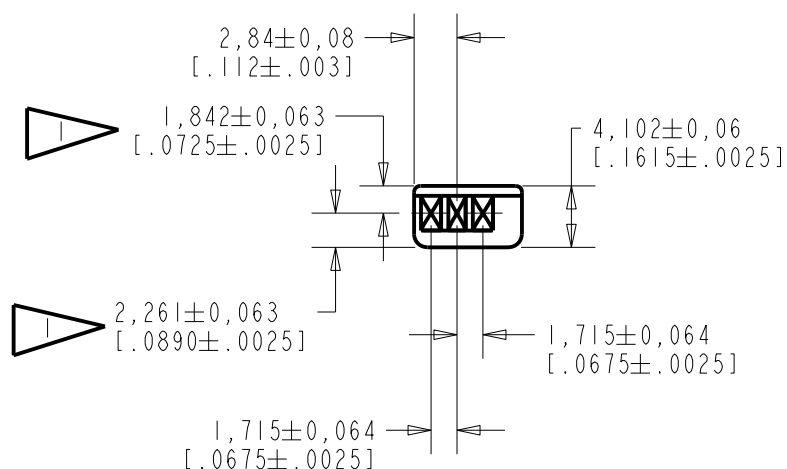
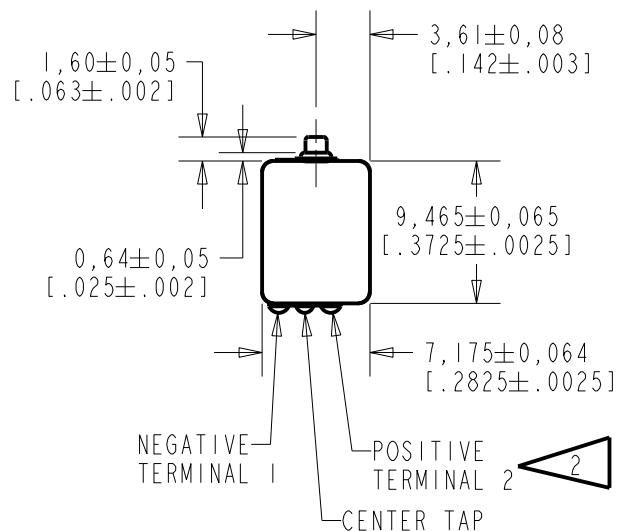


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SHT 1.1

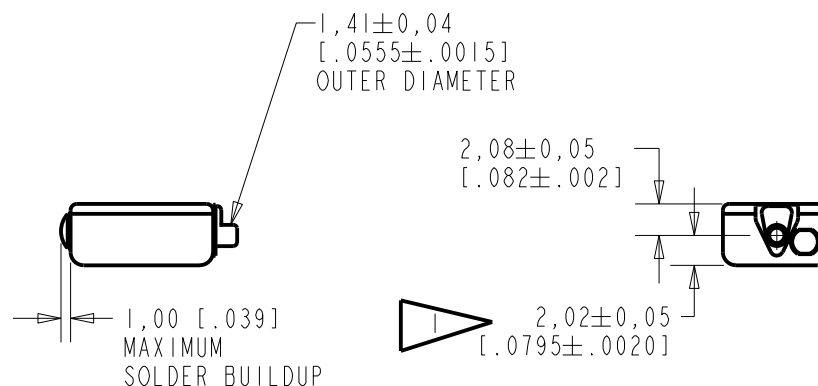


NOMINAL WEIGHT
1.0 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

NOTES:

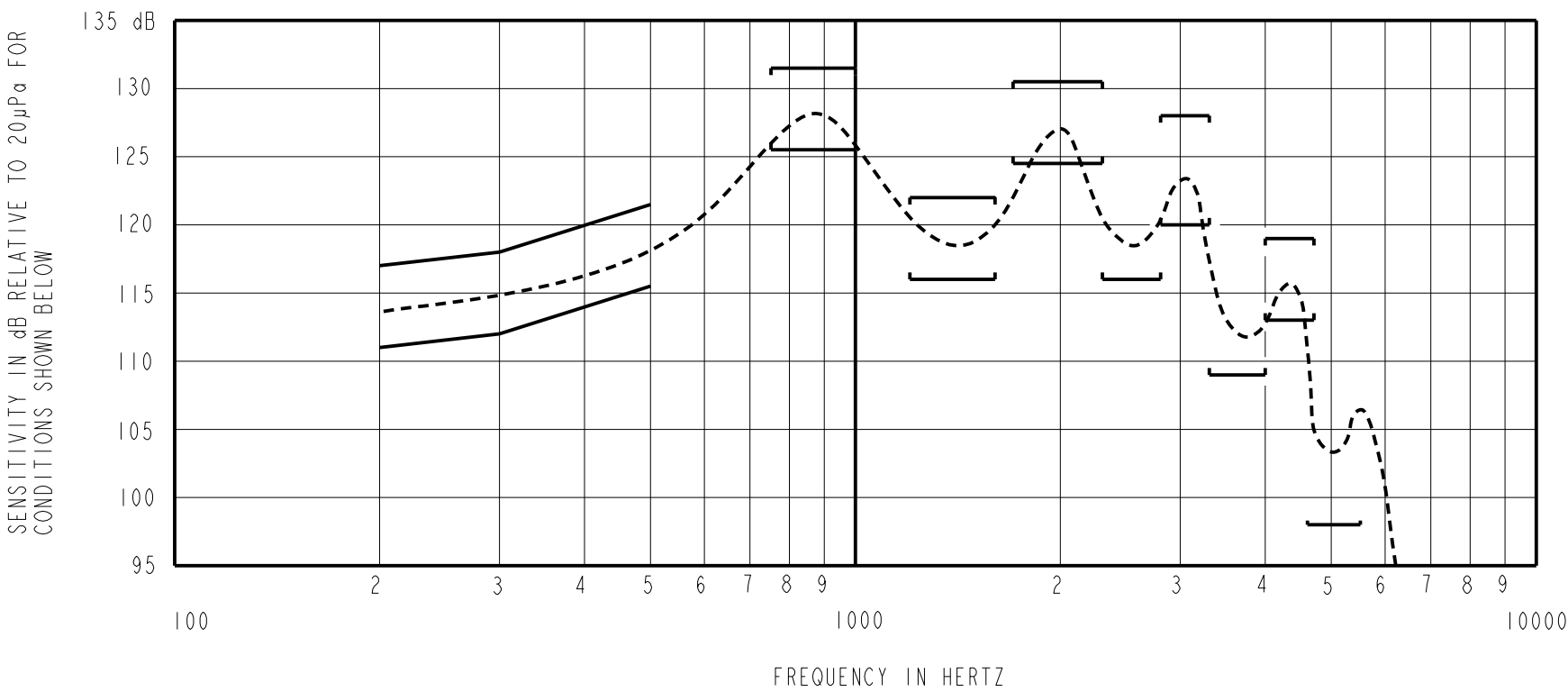
- 1 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER.
- 2 A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES AN INCREASE IN PRESSURE AT THE SOUND OUTLET.



KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	CI0111948	12-31-10		
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-28268-028			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 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. 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±15%	DCR @20°C OHMS ±10%	DISTORTION	
	RESPONSE & IMPEDANCE		DISTORTION				MAX. %	FREQ. Hz
	AC mA RMS	DC mA	AC mA RMS	DC mA				
12S	2.40	0.0	4.80	0.0	120	51	10	500

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Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Active		D
D	CI0111948	12-31-10			
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			CK. BY	DATE	
			GJP	9-26-05	
PERFORMANCE SPECIFICATION			APP. BY	DATE	
			GJP	9-26-05	
			CI-28268-028		
			SHT 2.1		