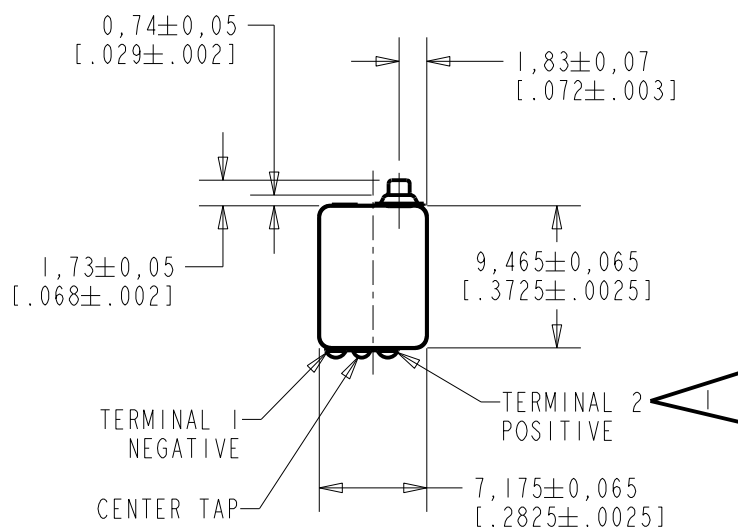


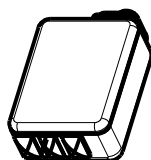
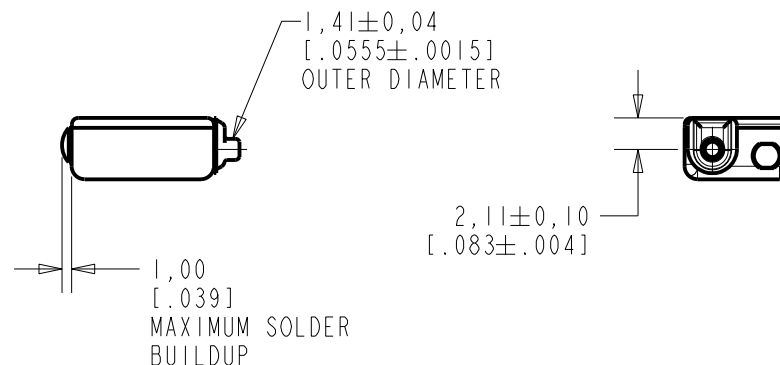
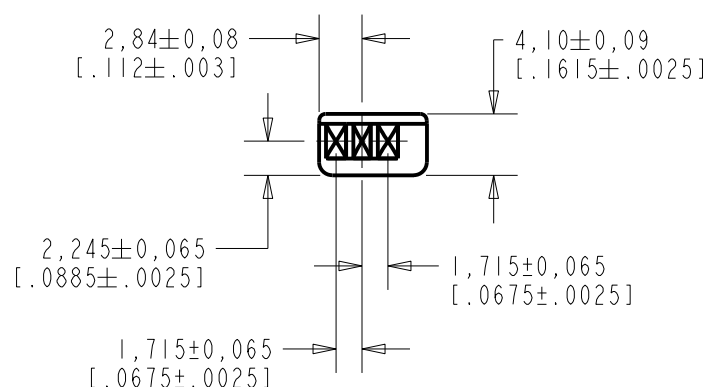
CI-28487-000

SHT 1.1



NOTES:

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



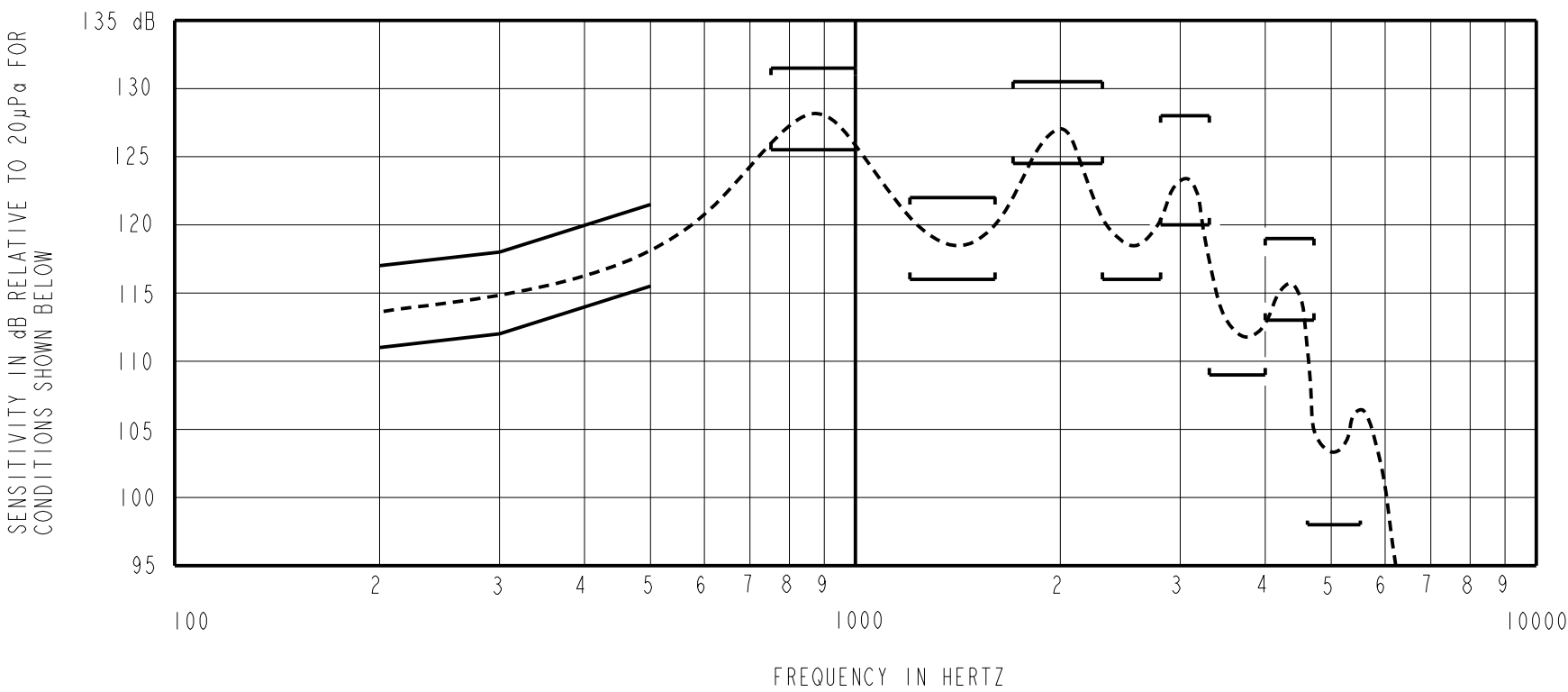
DIMENSIONS IN MILLIMETERS [INCHES]

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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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
- | <u>FREQUENCY</u> | <u>MIN.</u> | <u>MAX.</u> |
|------------------|-------------|-------------|
| 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.

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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			
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	
			DMS	11-30-05	
TITLE: RECEIVER PERFORMANCE SPECIFICATION			CK. BY	DATE	
			GJP	12-5-05	
CI-28487-000 SHT 2.1			APP. BY	DATE	
			GJP	12-5-05	

Mouser Electronics

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