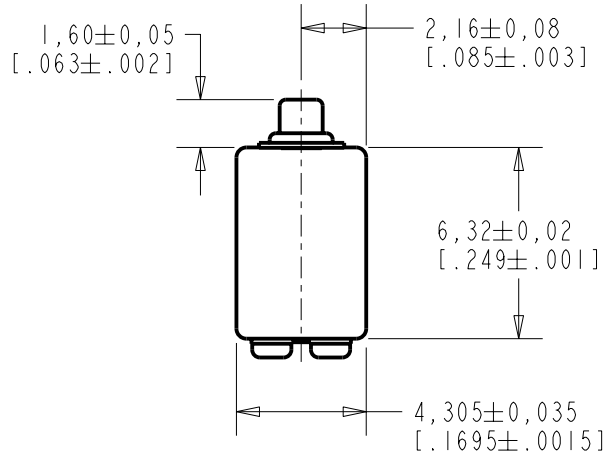
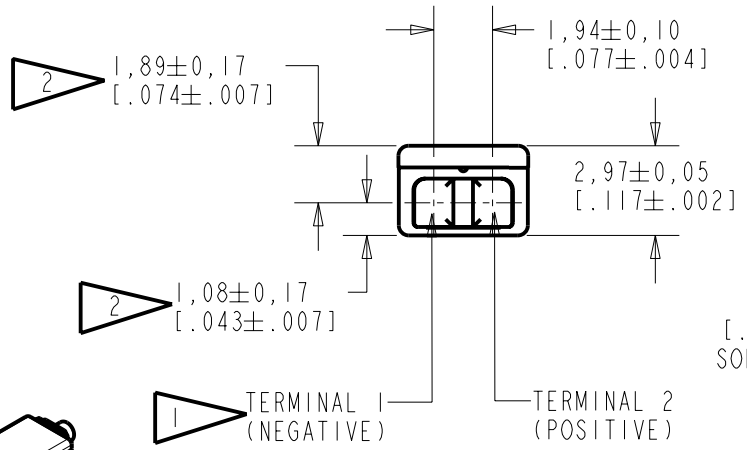
ED-21913-000
SHT 1.1

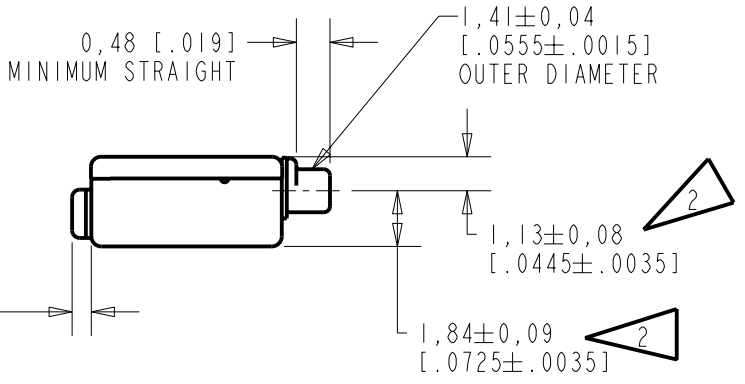


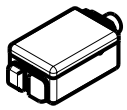
NOTE:

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

2. LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO ±0,17 [.007].







SCALE 2:1

NOMINAL WEIGHT
.31 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	B
B	C10103542	12-30-05		
A	C10102712	06/03/05		

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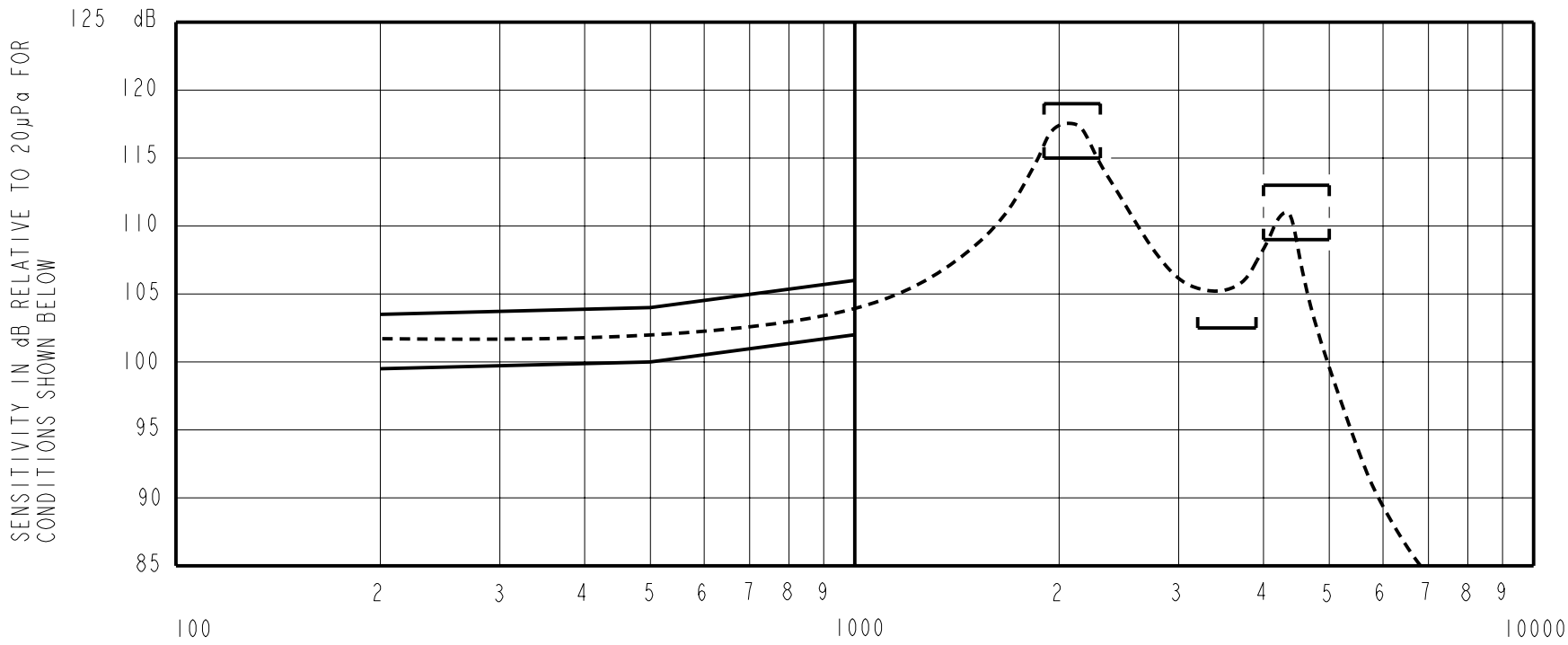
SCALE: 4:1

DO NOT SCALE DRAWING

TITLE: RECEIVER
OUTLINE DRAWING

ED-21913-000
SHT 1.1

DR. BY	DATE
DMS	06/03/05
CK. BY	DATE
GJP	06/13/05
APP. BY	DATE
GJP	06/13/05



NOTES:

1. MEASUREMENTS MADE USING 10mm (.394") X 1mm (.039") ID TUBE CONNECTED TO A SIMULATED ANSI S3.7-1973 TYPE HA-3 COUPLER. (IEC 126).

2. SENSITIVITY

FREQUENCY	MIN.	MAX.
200	99.5	103.5
500	100.0	104.0
1000	102.0	106.0
1900-2300	115.0	119.0
3200-3900	102.5	---
4000-5000	109.0	113.0

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

4. ELECTRICAL SOURCE IMPEDANCE MUST BE GREATER THAN 20 TIMES 1KHz IMPEDANCE FOR TEST CONDITIONS SHOWN BELOW.

5. INDIVIDUAL SPECIFICATIONS.

PORT LOCATION	IMPEDANCE OHMS ±15%		DCR @20°C OHMS ±10%	DISTORTION		ELECTRICAL TEST CONDITIONS	
	1KHz	500Hz		MAX. %	FREQ Hz	AC mA RMS	DC mA
12C	1450	780	376	5	800	0.50	0.70

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	B
B	C10103542	12-30-05		
A	C10102712	06/03/05		

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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

TITLE: RECEIVER
PERFORMANCE SPECIFICATION

ED-21913-000
SHT 2.1

DR. BY	DATE
DMS	06/03/05
CK. BY	DATE
GJP	06/13/05
APP. BY	DATE
GJP	06/13/05