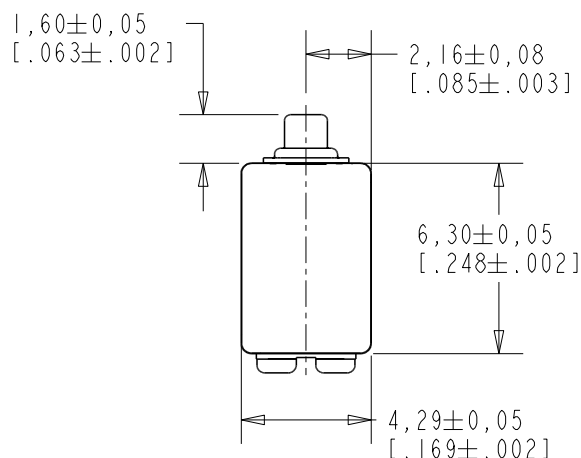


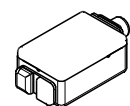
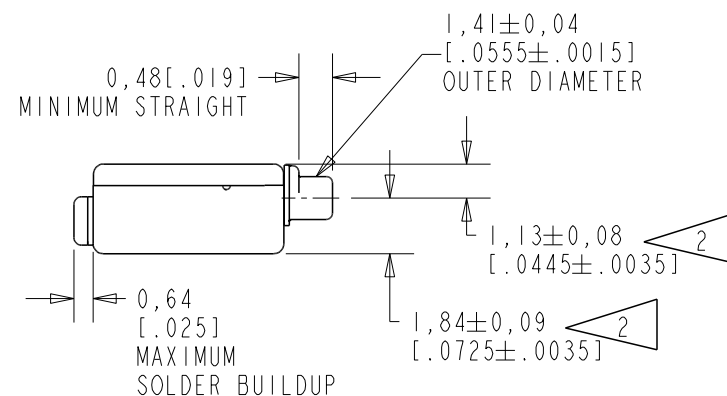
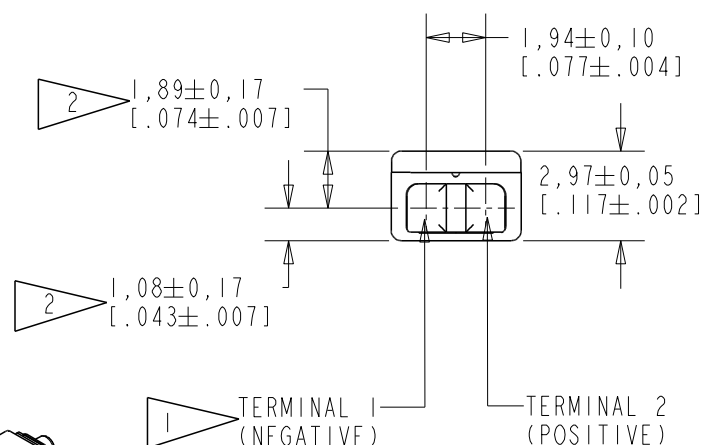
ED-23099-000

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 $\pm 0,17$ [$.007$].



SCALE 2:1

NOMINAL WEIGHT
.31 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES CORPORATION

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	PI0000700	8-15-16	Active	C
B	CI0107990	8-20-08		
A	CI0103522	12-27-05		

SCALE: 4:1

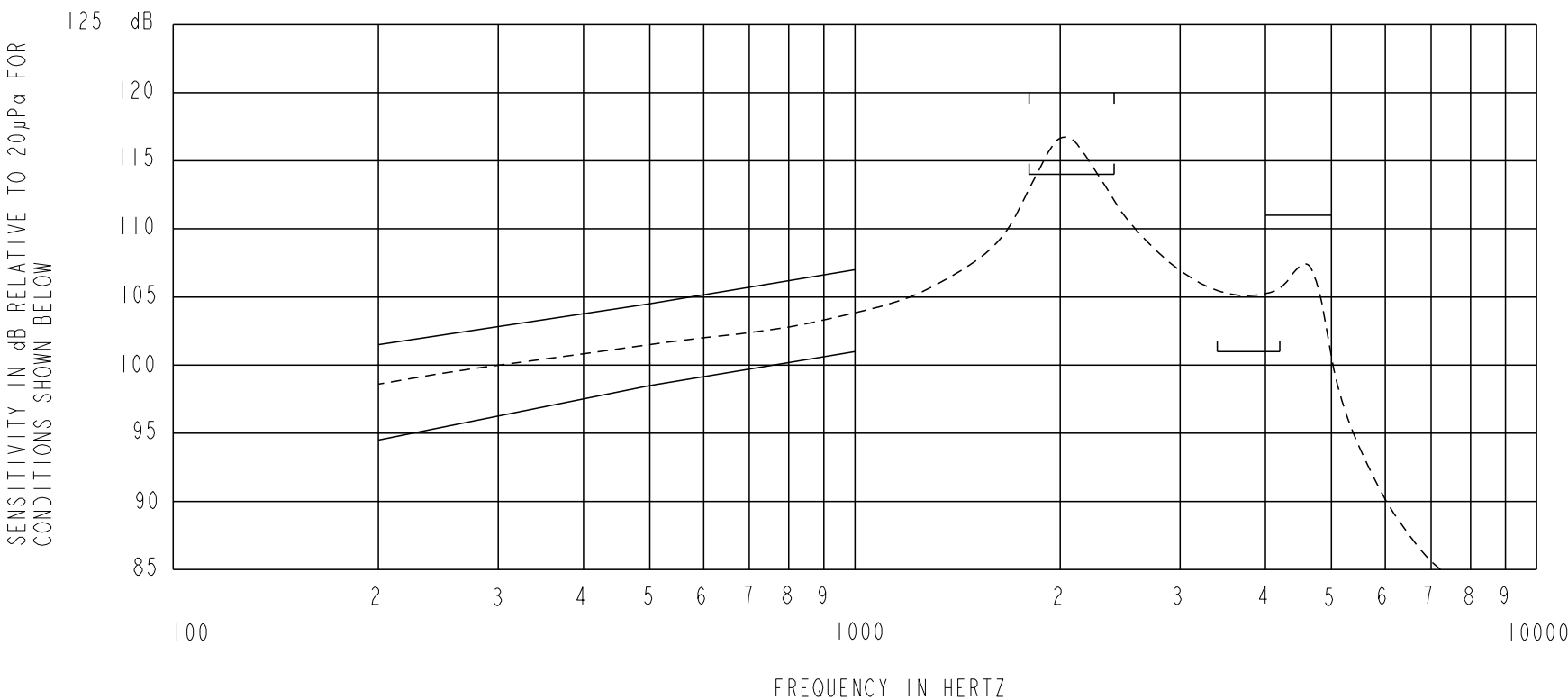
DO NOT SCALE DRAWING

TITLE: RECEIVER
OUTLINE DRAWINGED-23099-000
SHT 1.1

DR. BY	DATE
CRG	12-27-05
CK. BY	DATE
GJP	12-29-05
APP. BY	DATE
GJP	12-29-05

KE111ASIZE.FRM

Rev: B



NOTES:

1. MEASUREMENTS MADE USING 10mm (.394") X 1mm (.039") ID TUBE CONNECTED TO A SIMULATED ANSI S3.7 TYPE HA-3 COUPLER. (IEC 60318-5).

	SENSITIVITY	
FREQUENCY	MIN.	MAX.
200	94.5	101.5
500	98.5	104.5
1000	101.0	107.0
1800-2400	114.0	120.0
3400-4200	101.0	---
4000-5000	105.0	111.0

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	3050	1700	830	5	800	0.35	0.50

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	P10000700	8-15-16	Active	C
B	C10107990	8-20-08		
A	C10103522	12-27-05		
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 CRG	DATE 12-27-05
TITLE: RECEIVER PERFORMANCE SPECIFICATION			CK. BY GJP	DATE 12-29-05
			APP. BY	DATE
			GJP	12-29-05