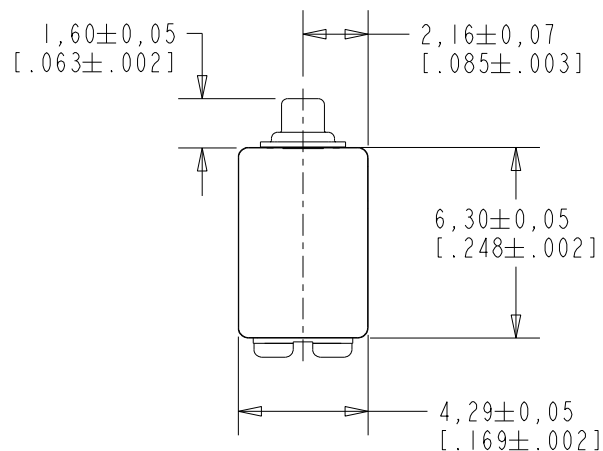


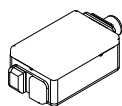
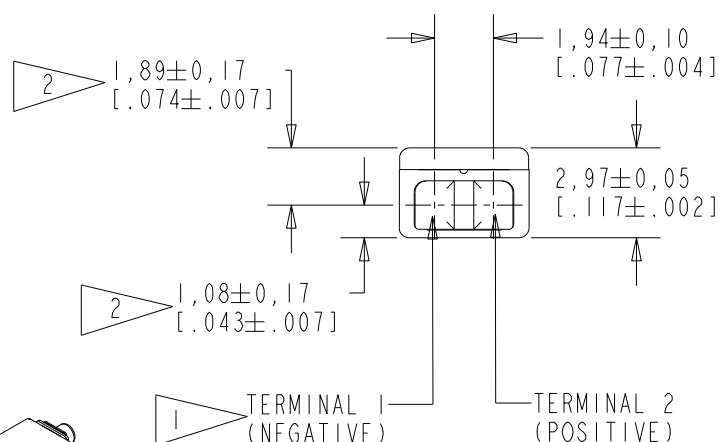
ED-21913-000

SHT 1.1



NOTE:

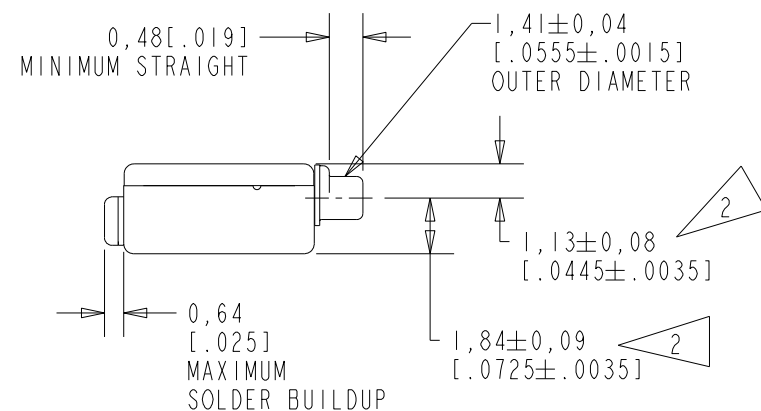
- 1 A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.
- 2 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO $\pm 0,17$ [$.007$].



SCALE 2:1

NOMINAL WEIGHT
.31 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

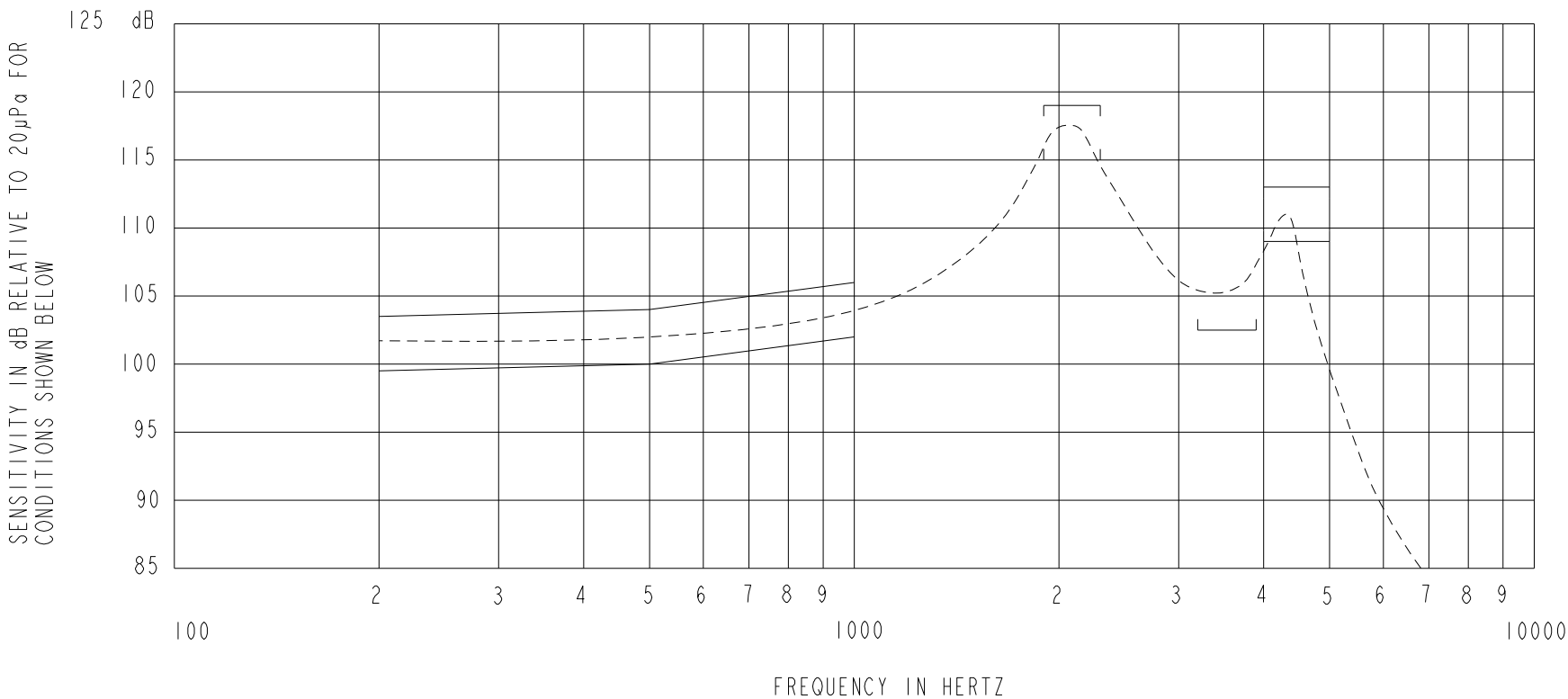


Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	PI0000657	7-8-16		
SCALE: 4:1			DR. BY DMS	DATE 06/03/05
DO NOT SCALE DRAWING			CK. BY GJP	DATE 06/13/05
TITLE: RECEIVER		ED-21913-000		APP. BY GJP
OUTLINE DRAWING		SHT 1.1		DATE 06/13/05

KE111ASIZE.FRM

Rev: B

KNOWLES CORPORATION



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).
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
			Active	D
D	PI0000657	7-8-16		

KNOWLES CORPORATION

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
DMS

DATE
06/03/05

CK. BY
GJP

DATE
06/13/05

APP. BY
GJP

DATE
06/13/05