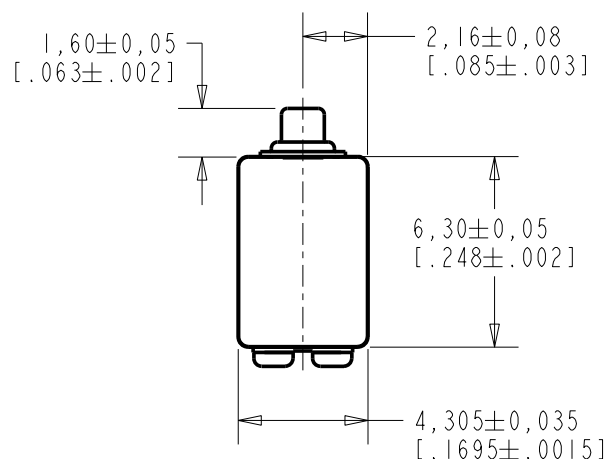


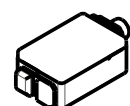
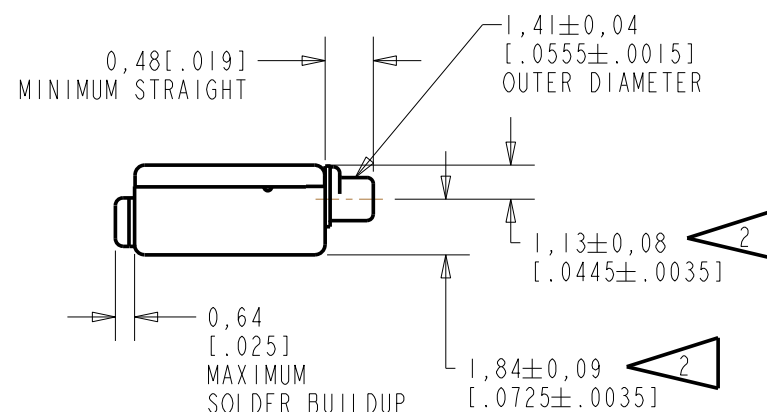
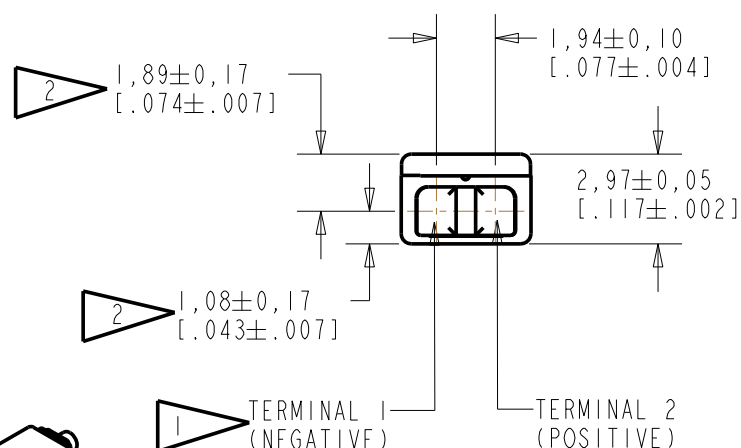
ED-23162-000

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

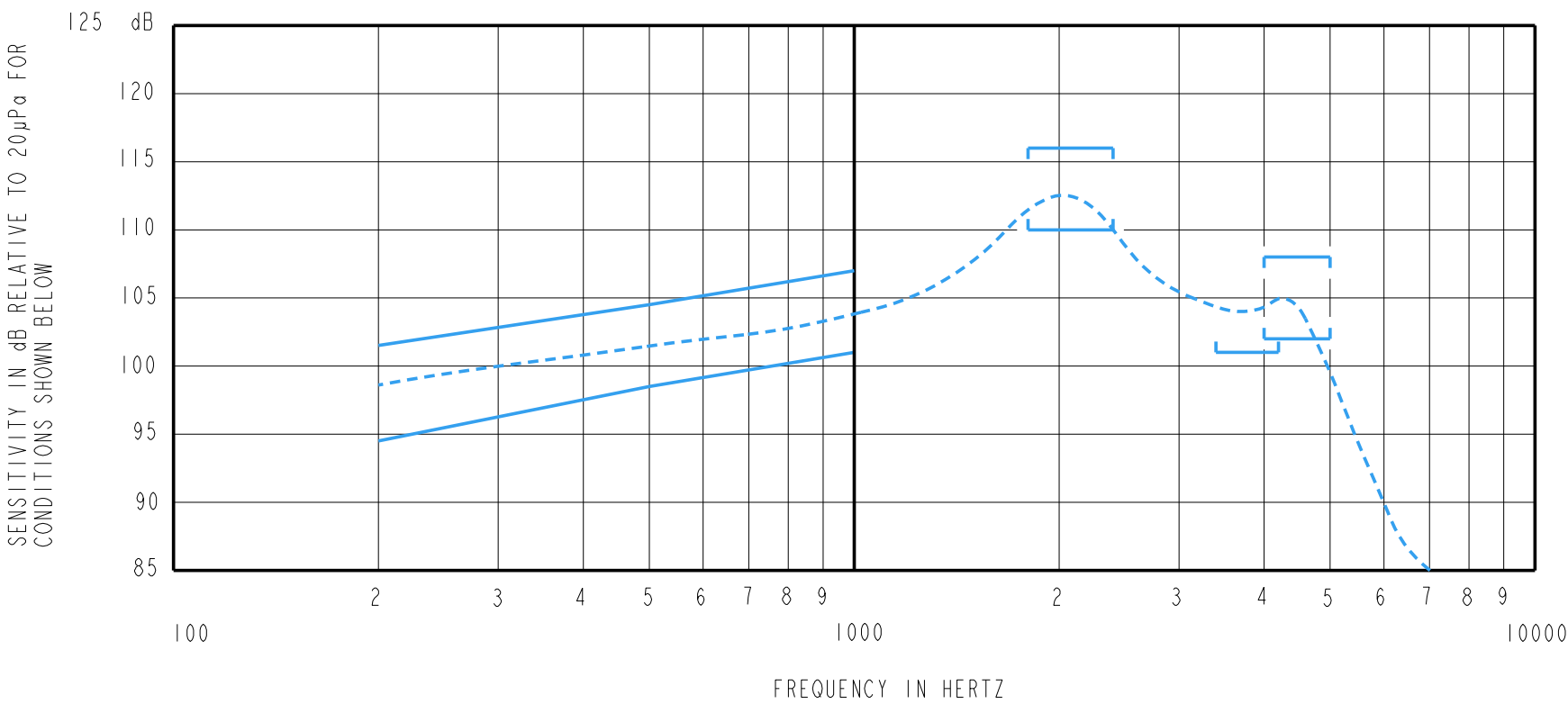
DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	CI0107990	8-20-08	Active	B
A	CI0103522	12-27-05		
SCALE: 4:1			DR. BY	DATE
DO NOT SCALE DRAWING			SDZ	9-01-06
TITLE: RECEIVER			CK. BY	DATE
OUTLINE DRAWING			GJP	9-01-06
ED-23162-000			APP. BY	DATE
SHT 1.1			GJP	9-01-06

KE111ASIZE.FRM

Rev: B



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	94.5	101.5
500	98.5	104.5
1000	101.0	107.0
1800-2400	110.0	116.0
3400-4200	101.0	---
4000-5000	102.0	108.0

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
I2C	92.0	51.0	25.0	5	800	2.00	0.00

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
B	C10107990	8-20-08	Active		B
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	DATE	
TITLE: RECEIVER PERFORMANCE SPECIFICATION			SDZ	9-01-06	
			CK. BY	DATE	
			GJP	9-01-06	
ED-23162-000 SHT 2.1			APP. BY	DATE	9-01-06
			GJP	9-01-06	