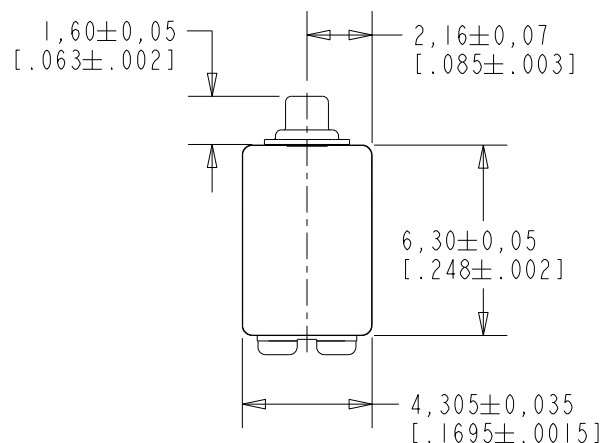


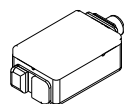
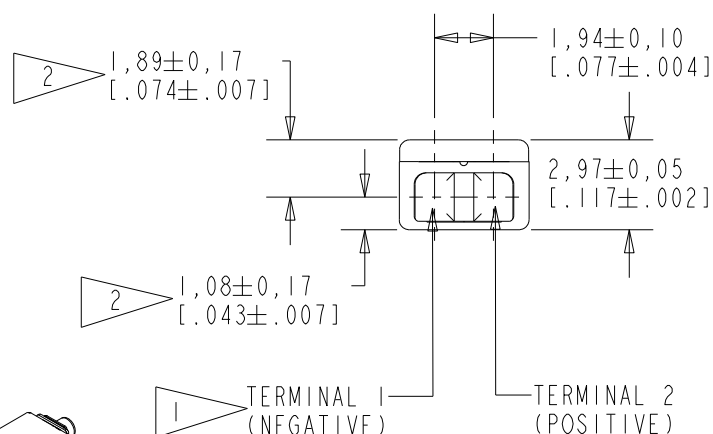
ED-23162-000

SHT 1.1



NOTE:

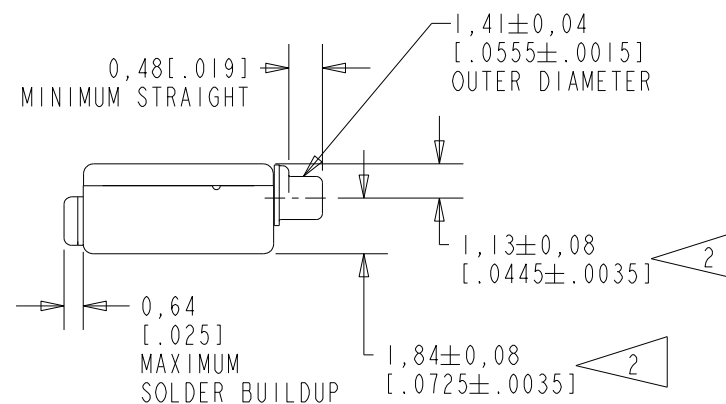
- 1 A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.
- 2 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO $\pm 0,17$ [.007].



SCALE 2:1

NOMINAL WEIGHT
.31 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	PI0000647	6-30-16	Active	C
B	CI0107990	8-20-08		
A	CI0103522	12-27-05		

SCALE: 4:1

DR. BY DATE
SDZ 9-01-06

DO NOT SCALE DRAWING

CK. BY DATE
GJP 9-01-06

TITLE: RECEIVER

ED-23162-000

APP. BY DATE
GJP 9-01-06

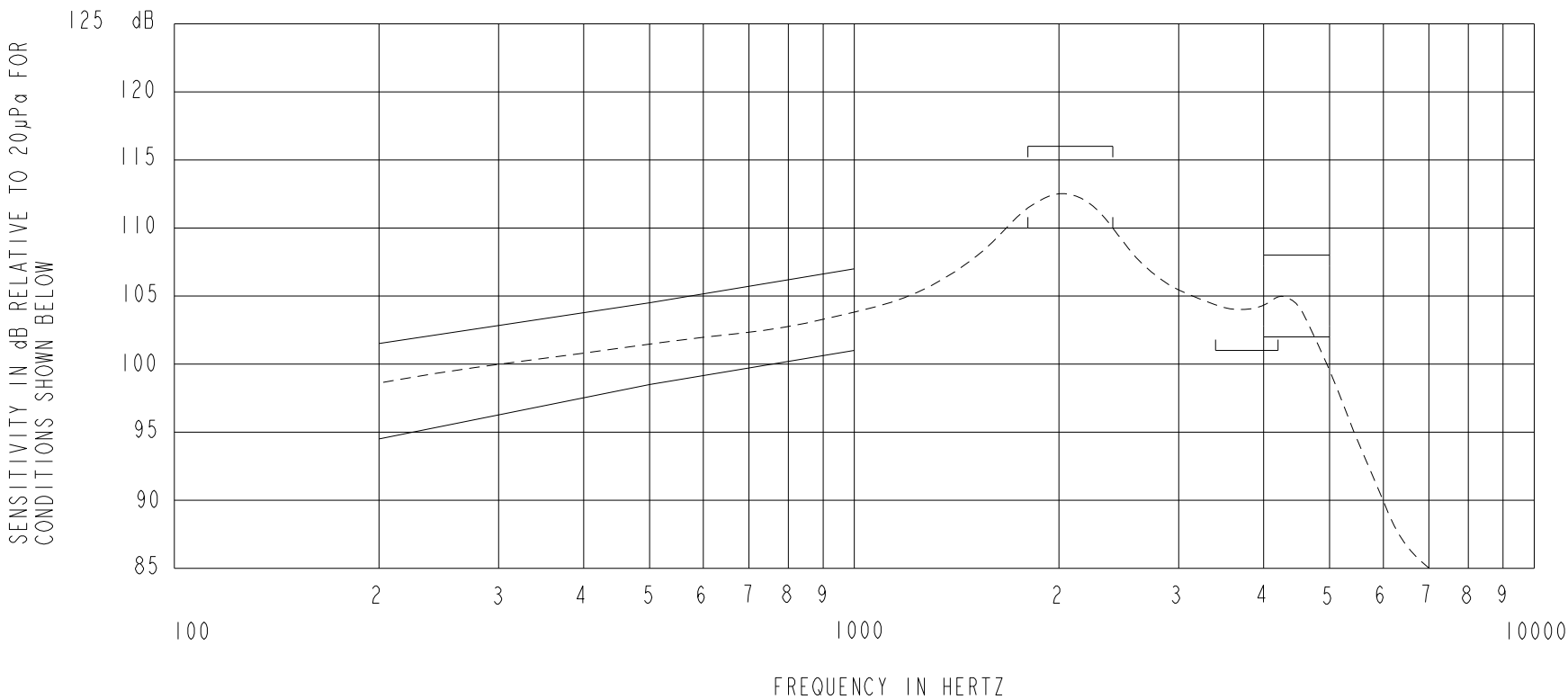
OUTLINE DRAWING

SHT 1.1

KE1111SIZE.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	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
12C	92.0	51.0	25.0	5	800	2.00	0.00

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	PI0000647	6-30-16	Active	C
B	CI0107990	8-20-08		
A	CI0103522	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
			SDZ	9-01-06
			CK. BY	DATE
			GJP	9-01-06
TITLE:			ED-23162-000	
PERFORMANCE SPECIFICATION			SHT 2.1	
			APP. BY	DATE
			GJP	9-01-06

KNOWLES CORPORATION