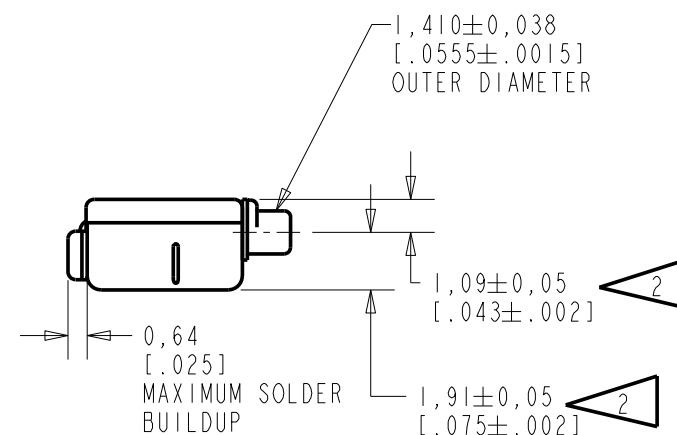
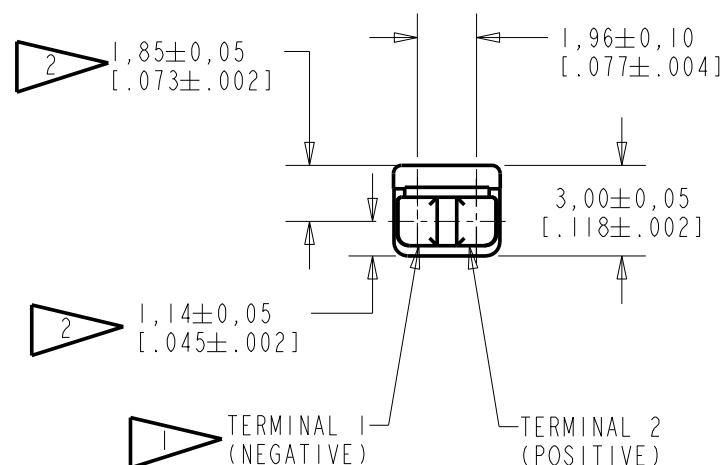
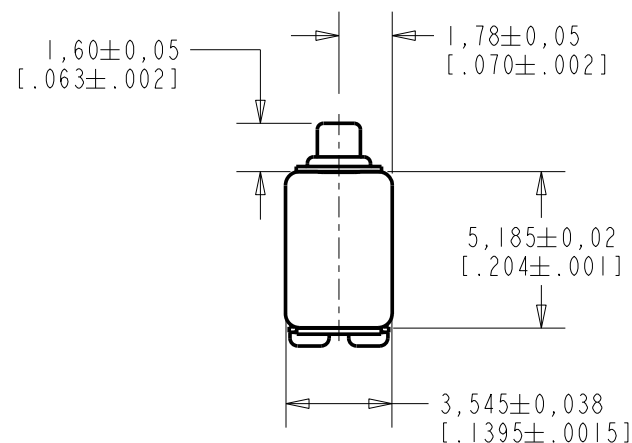


EH-23149-000

SHT 1.1

NOTES:

- 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].



NOMINAL WEIGHT
.23 GRAMS

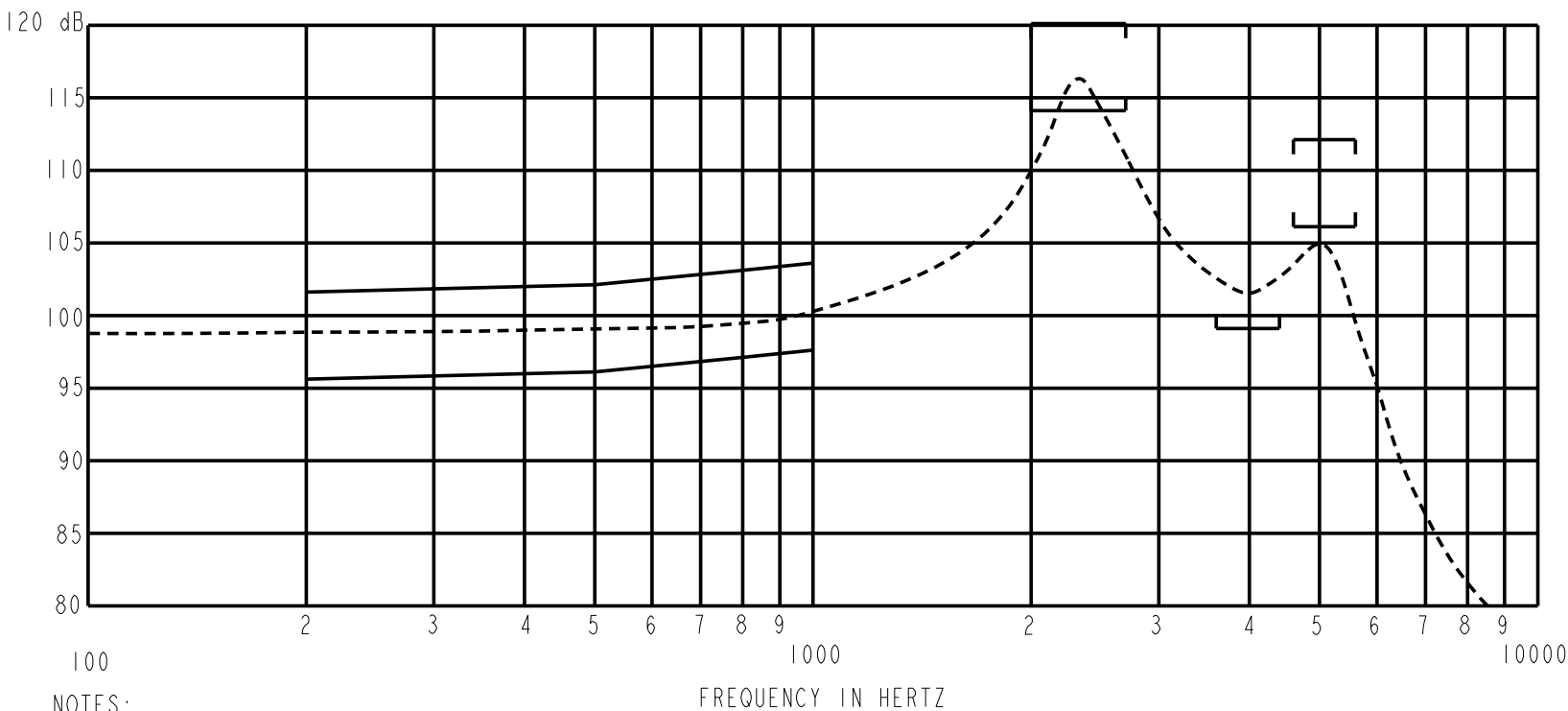
DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	CI0109704	5-21-09	Active	C
B	CI0108596	12-24-08		
A	CI0103366	11-10-05		
SCALE: 4:1			DR. BY AB	DATE 11-10-05
DO NOT SCALE DRAWING			CK. BY GJP	DATE 11-21-05
TITLE: RECEIVER		EH-23149-000	APP. BY GJP	DATE 11-21-05
OUTLINE DRAWING		SHT 1.1	Rev: B	

NO DAMPING

SENSITIVITY IN dB RELATIVE TO 20μPa FOR
CONDITIONS SHOWN BELOW



NOTES:

1. MEASUREMENTS MADE USING 10mm (.394") OF 1mm (.039") ID TUBE CONNECTED TO A SIMULATED ANSI S3.3-1960 TYPE HA-3 COUPLER. (T3479 AND B & K DB0138)

FREQUENCY	SENSITIVITY	
	MIN.	MAX.
200	95.5	101.5
500	96.0	102.0
800	96.5	102.5
1000	97.0	103.0
2250-2950	113.5	119.5
3600-4400	101.0	---
4500-5500	106.0	112.0

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	165	101	68	10	800	1.63	0.00

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
C	C10109704	5-21-09	Active		C
B	C10108596	12-24-08			
A	C10103366	11-10-05			
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	
			AB	11-10-05	
			CK. BY	DATE	
			GJP	11-21-05	
			APP. BY	DATE	
			GJP	11-21-05	

TITLE: RECEIVER
PERFORMANCE SPECIFICATION

EH-23149-000
SHT 2.1