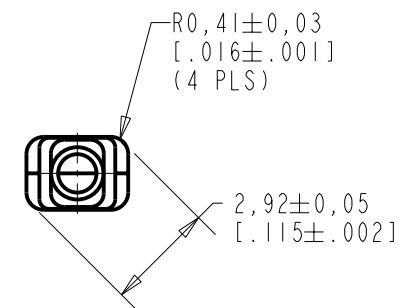
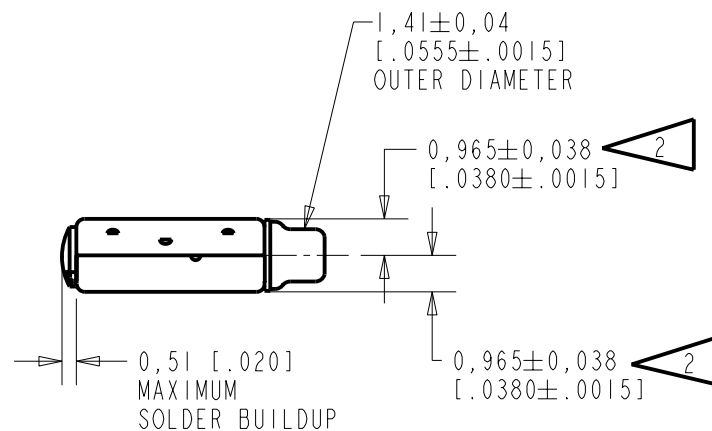
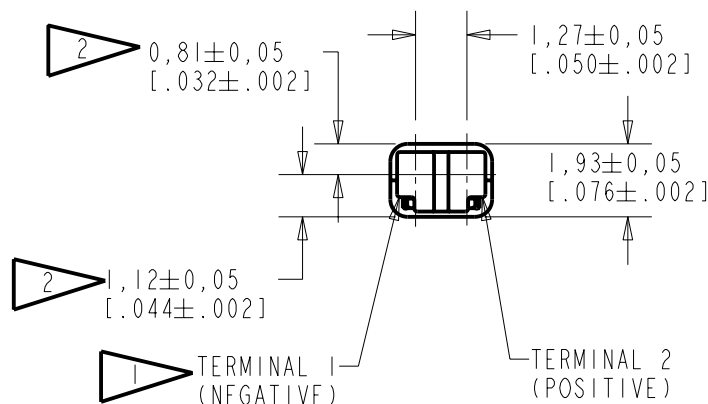
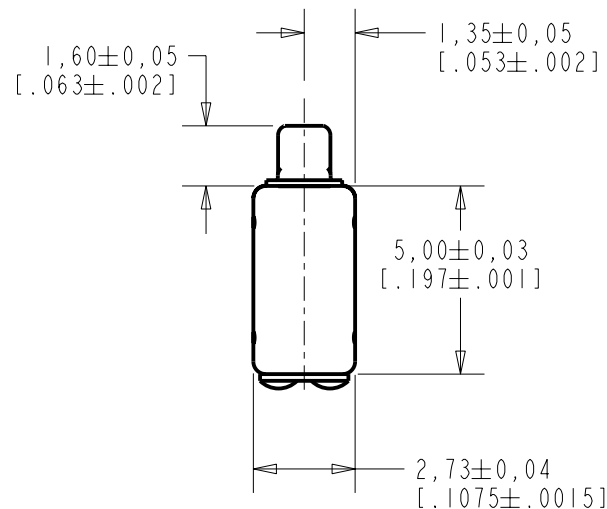


FK-23451-000

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.



SCALE 2:1

DIMENSIONS IN MILLIMETERS [INCHES]

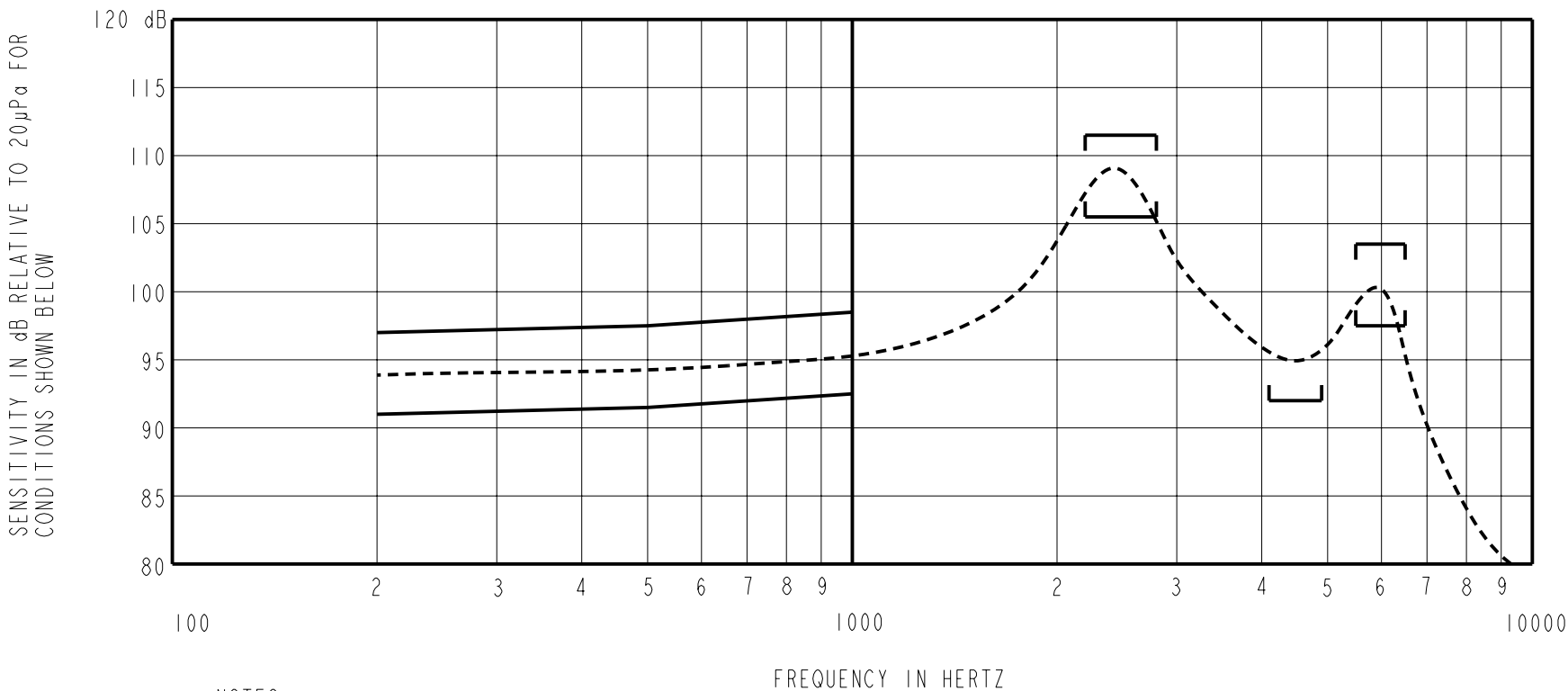
KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10103994	3-22-06	Released	B
A	C10103113	9-6-05		
SCALE: 5:1			DR. BY DATE	
DO NOT SCALE DRAWING			MMM 9-6-05	
TITLE: RECEIVER			CK. BY DATE	
OUTLINE DRAWING			GJP 9-12-05	
FK-23451-000			APP. BY DATE	
SHT 1.1			GJP 9-12-05	

SHT 1.1

KE111ASIZE.FRM

Rev: B



NOTES:

1. MEASUREMENTS MADE USING 10mm (.394") OF 1mm (.039") ID TUBE CONNECTED TO A SIMULATED ANSI S3.3-1960 TYPE HA-3 COUPLER. (T3420 AND B&K DB0138)
2.

FREQUENCY	MIN.	MAX.
200	91.0	97.0
500	91.5	97.5
1000	92.5	98.5
2200-2800	105.5	111.5
4100-4900	92.0	---
5500-6500	97.5	103.5
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
12S	630	450	360	5	800	0.50	0.00