FK-26837-000 SHT I.I NOTES: A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL I, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET. $5,00\pm0,03$ $[.197 \pm .001]$ LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. $2,73\pm0,04$ $[.1075\pm.0015]$ $1,37\pm0,03$ $[.054 \pm .001]$ $1,27\pm0,05$ $0.28 \pm 0.03 -$ 0,81±0,05 [.032±.002] $[.050 \pm .002]$ $[.011\pm.001]$ $-R0.41 \pm 0.03$ $[.016 \pm .001]$ (4 PLS) $1,93 \pm 0,05$ 2,92±0,05 $[.076\pm.002]$ $[.115\pm.002]$ $1,12\pm0,05$ $0,43\pm0,03$ -0,51[.020][.044±.002] $[.017\pm.001]$ MAXIMUM SOLDER BULLDUP -TERMINAL 2 TERMINAL (POSITIVE) (NEGATIVE) Revision C.O. # Implementation Date RELEASE LEVEL REVISION SCALE 2:1 Active () DIMENSIONS IN MILLIMETERS [INCHES] 11-30-09 G C10110537 SCALE: 5:1 **KNOWLES ELECTRONICS** 6-17-05 DO NOT SCALE DRAWING CK. BY DATE ITASCA, ILLINOIS U.S.A. TITLE: RECEIVER FK-26837-000 GJP 6-24-05

OUTLINE DRAWING

APP. BY

GJP

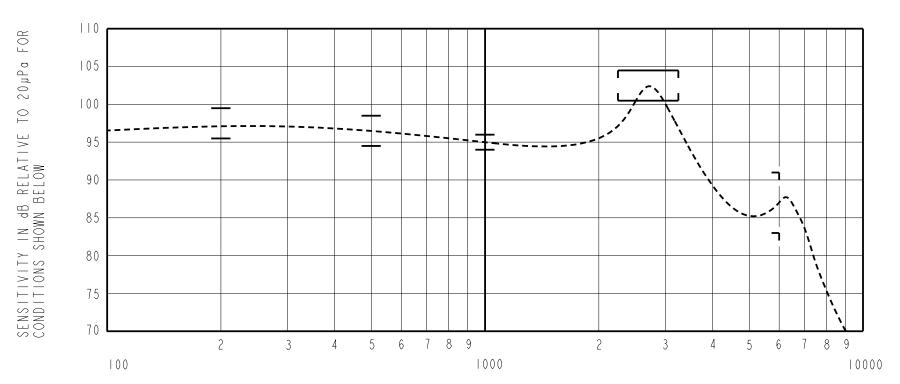
SHT I.I

DATE

6-24-05

THE FK-26837-000 IS AN UNDAMPED MAGNETIC BALANCED ARMATURE RECEIVER INTENDED FOR USE IN CIC HEARING INSTRUMENTS. THIS MODEL HAS TIGHTER SENSITIVITY LIMITS THAN STANDARD FK MODELS.

CONSTANT VOLTAGE DRIVE CONDITIONS



FREQUENCY IN HERTZ

ACOUSTICAL

SENSITIVITY

DEVICE WILL PRODUCE THE SPL LISTED BELOW UNDER TEST CONDITIONS DESCRIBED IN TABLE 3. NOMINAL SENSITIVITY AT IKHZ IS dB RELATIVE TO 20µPa. ALL OTHER VALUES IN dB RELATIVE TO THE SENSITIVITY AT IKHZ.

FREQUENCY (Hz)	MINIMUM	NOMINAL	MAXIMUM
200	+0.5	+2.5	+4.5
500	-0.5	+1.5	+3.5
1000	-1.0	95.0	+ . 0
2450 - 3250	+5.5	+7.5	+9.5
6000	-12.0	-8.0	-4.0

PORT LOCATION: 12N

TABLE I

TOTAL HARMONIC DISTORTION

DEVICE WILL NOT EXCEED TOTAL HARMONIC DISTORTION LEVELS LISTED BELOW.

FREQUENCY (Hz)	AC DRIVE (V rms)	DC BIAS (V)	LIMIT (%)
920	0.35	0	5
1380	0.35	0	5
920	0.99	0	10

TABLE 2

TEST CONDITIONS

TEOT CONDITIONS	
NOMINAL SOURCE VOLTAGE	0.35 V rms, 0 mA DC BIAS
SOURCE IMPEDANCE	<i ohm<="" td=""></i>
TUBING	
COUPLER CAVITY	2 CM ³ , SIMULATED ANSI S3.7 TYPE HA-3 (IEC 60318-5)

TABLE 3

ELECTRICAL

DC RESISTANCE	360 Ohms ± 10%
IMPEDANCE @ 500 Hz	432 Ohms \pm 15%
IMPEDANCE @ IkHz	590 Ohms ±15%

TABLE 4

ISOLATION: CASE WILL BE ELECTRICALLY ISOLATED FROM THE COIL CIRCUIT.

	11011011	0.0. "	Imprementation bare	MELENOE ELVEE		IVE VIOTON
	G	C10110537	11-30-09	Active		G
0	CRITERIA CORRELATION OF TEST FOULPMENT WITH KNOWLES IS ALSO REQUIRED FOR		DR. BY	DATE 6 - 1 7 - 0 5		
S	TITLE:	RECEIVER FK-26837-000			CK. BY GJP	DATE 6 - 24 - 05
		PERFORMAN	NCE SPECIFICATION	SHT 2.1	APP. BY	DATE 6 - 24 - 05

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.