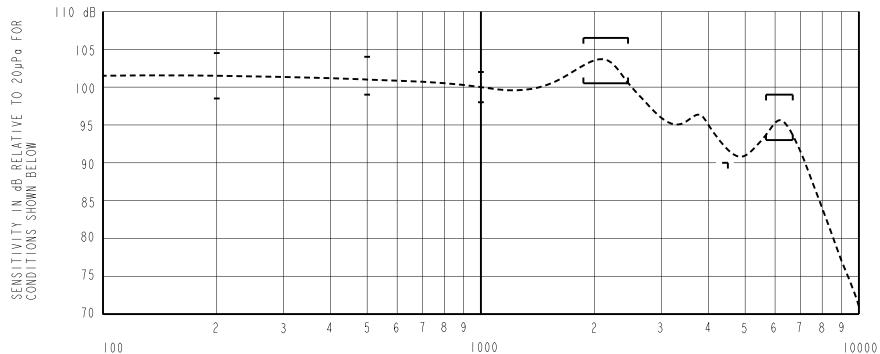


NOTE: SPECIFICATIONS FOLLOWED BY AN ASTERISK (*) ARE 100% TESTED.





FREQUENCY IN HERTZ

ACOUSTICAL

SENSITIVITY*

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

FREQUENCY (Hz)	MINIMUM	NOMINAL	MAXIMUM
200	-1.5	+1.5	+4.5
500	- . 0	+ . 0	+ 3 . 0
1000	-2.0	100.0	+2.0
1900-2500	+0.5	+ 3 . 5	+6.5
4500	-10.0		
5700-6700	-7.0	- 4 . 0	-1.0

TABLE I

MECHANICAL

PORT LOCATION: 12S SOLDER TYPE: SAC305

TEMPERATURE:

OPERATING: SENSITIVITY AT 500Hz WILL NOT VARY

BY MORE THAN ±3 dB FROM 0°C TO 63°C.

STORAGE: -40°C TO 63°C.

TOTAL HARMONIC DISTORTION*

DEVICE WILL NOT EXCEED TOTAL HARMONIC DISTORTION LEVELS LISTED BELOW.

FREQUENCY (Hz)	AC DRIVE (V rms)	DC BIAS (mA)	LIMIT (%)
1/3 PEAKI (TYP. 722)	. 085	0	5
1/2 PEAKI (TYP. 1083)	. 085	0	5
1/3 PEAKI (TYP. 722)	. 240	0	10
1/2 PEAKI (TYP. 1083)	. 240	0	10

TABLE 2

TEST CONDITIONS

0.82 µF CAPACITOR CONNECTED TO THE INPUT OF THE WBFK RECEIVER

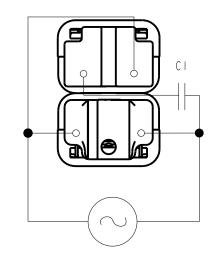
0.02 pr 0	THE THEOR OF THE HELL NEEDED FOR
NOMINAL SOURCE VOLTAGE	.085 V rms, O V DC BIAS
SOURCE IMPEDANCE	< I Ohm
TUBING	
COUPLER CAVITY	2 CM ³ , SIMULATED ANSI S3.7 TYPE HA-3 (IEC 60318-5)

TABLE 3

FLFCTRICAL

	25 Ohms ± 10%* 25 Ohms FK / 12.5 Ohms WBFK
IMPEDANCE @ 500 Hz	31.0 Ohms ± 15%*
IMPEDANCE @ IkHz	43.0 Ohms ±15%*

TABLE 4



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

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
A	P10000077	8-28-15	Active		Α
CRITERIA, (CORRELATION (INSPECTION ACCEPTANCE/REJECTION OWLES IS ALSO REQUIRED FOR ION	DR. BY SSUN	DATE 8 - 28 - 15

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.

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
			SSUN	8-28-15
			CK. BY	DATE
TITLE:	RFCFIVFR	TWFK-32689-000	GJP	8-28-15
		02000 000	APP. BY	DATE
	PERFORMANCE SPECIFICATION	SHT 2 I	GIP	8-28-15