

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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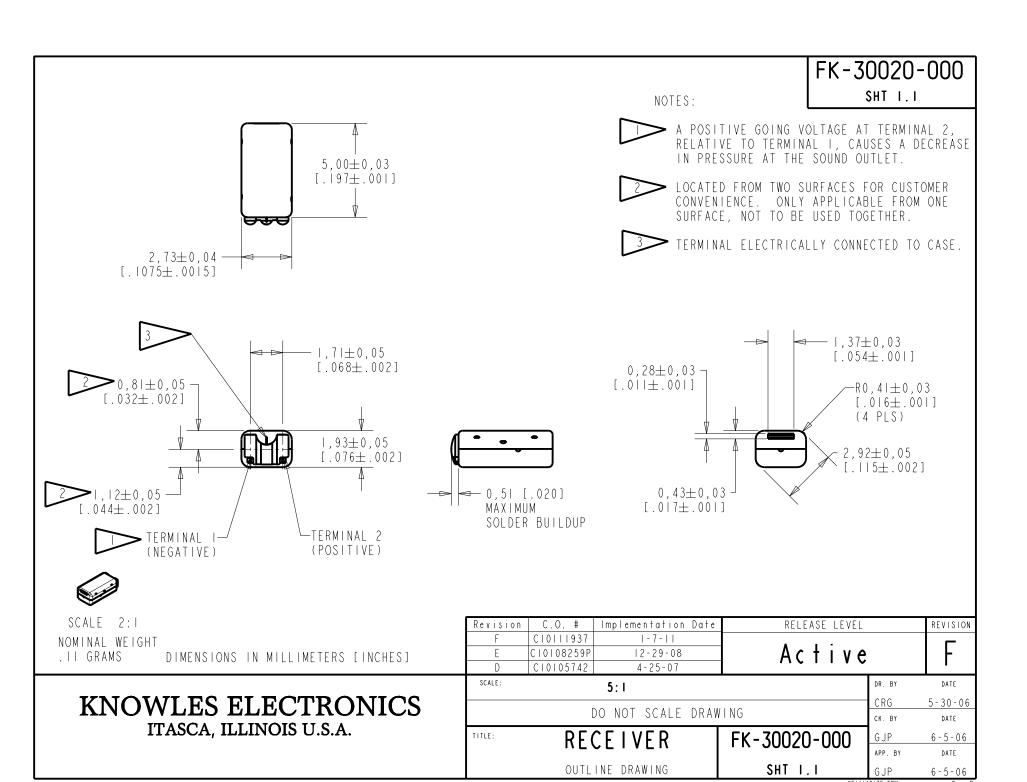
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









PORT LOCATION: 12N SOLDER TYPE: SAC305

STORAGE:

OPERATURE: SENSITIVITY WILL NOT VARY

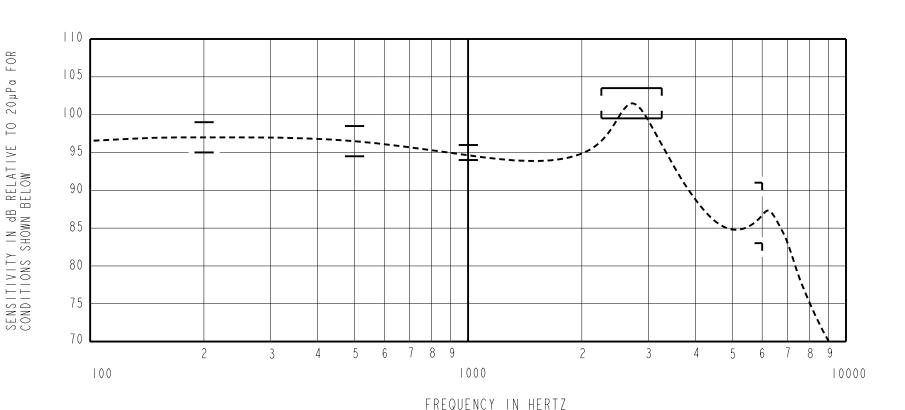
MORE THAN +1/-3 dB FROM -17°C TO 63°C. -40°C TO 63°C.

TEMPERATURE

FK-30020-000 SHEET 2.1

THE FK-30020-000 IS AN UNDAMPED MAGNETIC BALANCED ARMATURE RECEIVER INTENDED FOR USE IN CIC HEARING INSTRUMENTS. THIS MODEL HAS A CENTER TERMINAL CONNECTED TO CASE AND WITH TIGHTER IKHZ SENSITIVITY TOLERANCE.

CONSTANT VOLTAGE DRIVE CONDITIONS



ACOUSTICAL

SENSITIVITY

DEVICE WILL PRODUCE THE SPL LISTED BELOW UNDER TEST CONDITIONS DESCRIBED 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	+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

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
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 ± 15%
IMPEDANCE @ IkHz	590 Ohms ± 15%

TABLE 4

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

	Revision C.O. # Implementation Date RELEASE LEVEL			REVISION	
	F C10111937	- 7 -			
	E C10108259F	12-29-08	l Active		- H
	D C10105742	4-25-07	110110		'
	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
				CRG	5 - 30 - 06
KNOWLES ELECTRONICS				CK. BY	DATE
ITASCA, ILLINOIS U.S.A.	TITLE: R	CEIVER	FK-30020-000	GJP	6 - 5 - 06
11110011, 122111010 0.0.11.	'''		33320 333	APP. BY	DATE
	PERFORMA	NCE SPECIFICATION	SHT 2.1	GIP	6-5-06