

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!



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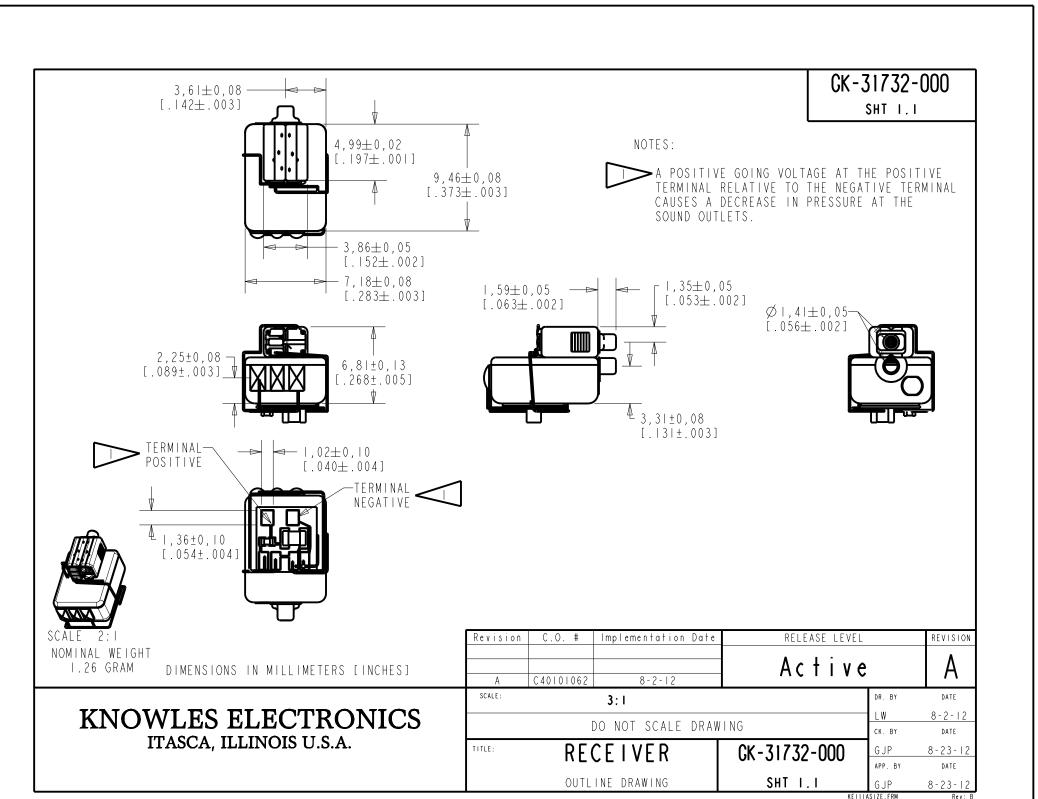
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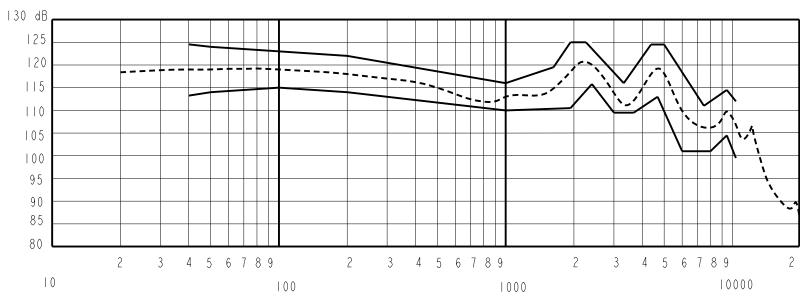






SENSITIVITY IN dB RELATIVE TO 20µPa FOR CONDITIONS SHOWN BLEW

CONSTANT VOLTAGE DRIVE CONDITIONS (WITH VENT BLOCKED).



ACOUSTICAL

FREQUENCY IN HERTZ

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

FREQUENCY (Hz)	MINIMUM	NOMINAL	MAXIMUM
50	+ . 0	+6.0	+ .0
100	+2.0	+6.0	+ 0 . 0
200	+ . 0	+5.0	+9.0
1000	- 3.0	113.0	+ 3.0
1700			+6.5
1950	-2.5	+5.5	+12.0
2300	+2.8		
2450			+12.0
3000	-5.5		
3350			+ 3 . 0
3700	-5.5		
4400			+11.5
4700	+0.0		
5000			+11.5
6000	-12.0		
7500			-2.0
8000	-12.0		
9750	-8.5		+1.5
10500	-13.5		-1.0

MECHANICAL

PORT LOCATION: 12S

SOLDER TYPE: SAC305 (LEAD FREE)

TEMPERATURE:

OPERATING: SENSITIVITY AT IKHZ WILL NOT VARY

BY MORE THAN +1/-3 dB FROM

0°C TO 63°C STORAGE: -40°C TO 63°C

TABLE I

TOTAL HARMONIC DISTORTION

DEVICE WILL NOT EXCEED TOTAL HARMONIC DISTORTION LEVELS LISTED BELOW.

FREQUENCY (Hz)	AC DRIVE (V rms)	DC BIAS (mA)	LIMIT (%)
20-8000	0.13	0	4

TABLE 2

TEST CONDITIONS

NOMINAL SOURCE VOLTAGE	0.13 V rms, OmA DC BIAS
SOURCE IMPEDANCE	< I Ohm
TUBING	TUBELESS
COUPLER CAVITY	IEC 60318-4

TABLE 3

ELECTRICAL

DC RESISTANCE	24.1 Ohms ± 10%
IMPEDANCE @ 500 Hz	23.0 Ohms ± 20%
IMPEDANCE @ IkHz	12.0 Ohms ± 20%

TABLE 4

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

	Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
	A	C40101062	8-2-12	Active		Α
KNOWLES ELECTRONICS	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			LW	DATE 8 - 2 - 12	
ITASCA, ILLINOIS U.S.A.	TITLE:	RE	CEIVER	CK-31732-000	GJP APP. BY	DATE 8 - 23 - 12 DATE
		PERFORMAN	ICE SPECIFICATION	SHT 2.1	G IP	8-23-12