

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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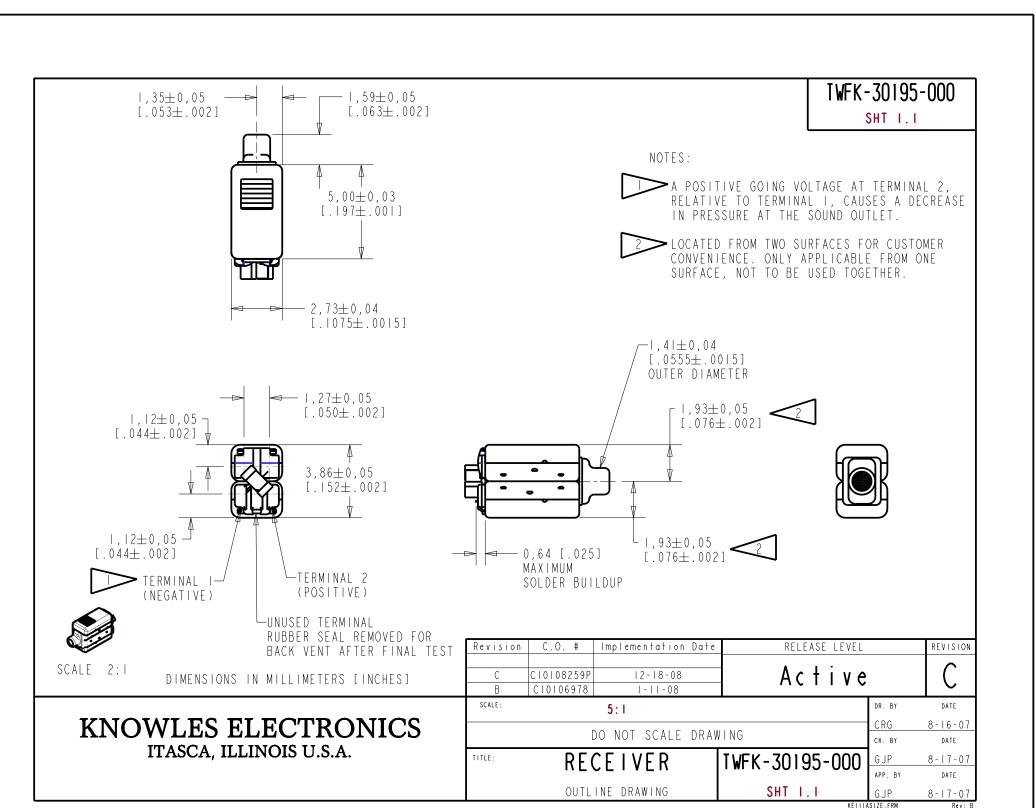
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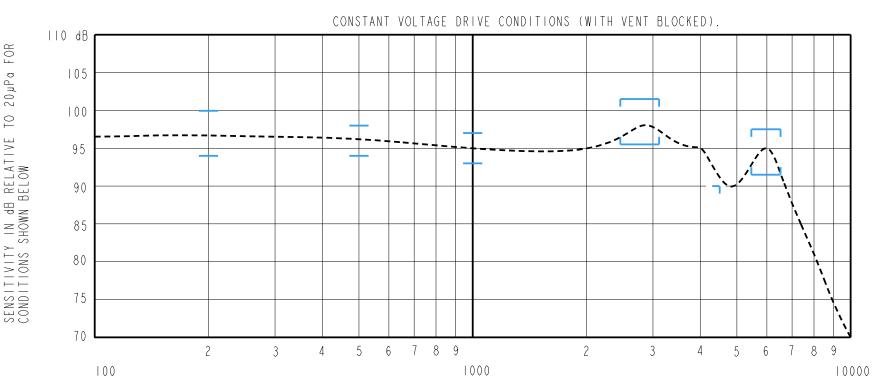






SHEET 2.1

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



FREQUENCY IN HERTZ

ACOUSTICAL

FOR

TO 20µPa

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	-1.0	+2.0	+5.0
500	-1.0	+ . 0	+ 3 . 0
1000	-2.0	95.0	+2.0
2500-3100	+0.5	+3.5	+6.5
4500	- 5 . 0		
5550-6550	-3.5	-0.5	+2.5

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 (%)
930	0.246	0	5
1400	0.246	0	5
500	0.696	0	8

TABLE 2

TEST CONDITIONS

0.22 µF CAPACITOR CONNECTED TO THE INPUT OF THE WBFK RECEIVER

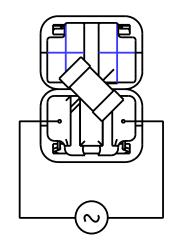
NOMINAL SOURCE VOLTAGE	0.246 V rms, 0 V DC BIAS
SOURCE IMPEDANCE	< I Ohm
TUBING	
COUPLER CAVITY	2 CM ³ , SIMULATED ANSI S3.7 TYPE HA-3 (IEC 126)

TABLE 3

FIFCTRICAL

LLLCINICAL	
DC RESISTANCE	200 Ohms ± 10%* 200 Ohms FK / 50 Ohms WBFK
IMPEDANCE @ 500 Hz	243 Ohms ± 15%*
IMPEDANCE @ IkHz	353 Ohms ±15%*

TABLE 4



RELEASE LEVEL

SHT 2.1

8 - 17 - 07

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

C B	C10108259P C10106978	12-18-08	Active		C
WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR FILMINATION OF FOULPMENT AND TEST METHOD VARIATION			DR. BY	DATE 8 - 16 - 07	
				CK. BY	DATE
TITLE:	RF	CFIVER	TWFK-30195-000	GJP	8-17-07
	., _	. •		APP. BY	DATE

Revision C.O. # Implementation Date

PERFORMANCE SPECIFICATION

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.