

LEADED • LOW FREQUENCY kHz BAND CERAMIC RESONATORS LXZT

FEATURES:

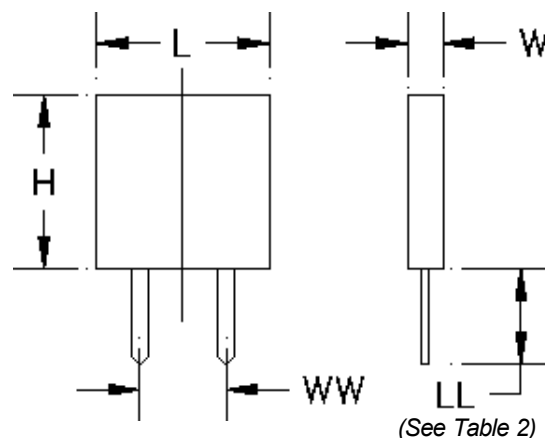
- Excellent environmental resistance.
- Standard frequency range from 190kHz to 1250kHz.
- Ammo packaging options.
- Low cost timing solution.
- Low resonant impedance.

APPLICATIONS:

- Microprocessor clocks.
- Electrical appliances.
- Remote controls.

STANDARD SPECIFICATIONS

PARAMETERS	SPECIFICATIONS
Frequency Range	190kHz - 1250kHz *
Resonant Impedance	(See Table 1)
Operating Temperature	-20°C to +80°C (See Options)
Frequency Tolerance @ 25°C	(See Table 1)
Frequency Stability over Temp.	±0.3% max.
Load Capacitance C_L (C_1 C_2)	(See Table 1)
Aging in 10 Years	±0.3% max.



We can characterize your IC to meet exact oscillating conditions. Contact Abracon for details.

* Please contact us for higher or lower frequencies..

Environmental, and mechanical specifications, see appendix C. Group 5.
Marking, see appendix G. Ammo packing, see appendix H.(3,000 pcs/box)
Recommended handling, see appendix F.
Application notes, see appendix A.

ORDERING OPTIONS

LXZT - Frequency - Packaging

XXXX kHz

- Ammo
(ammo packing)

TABLE 1

Frequency Range (kHz)	Frequency Tolerance	Resonant Impedance (Ω)	Load Capacitance (pF)	
			C1	C2
190 ~ 249	± 1kHz	≤ 20	330	470
250 ~ 375	± 1kHz	≤ 20	220	470
376 ~ 429	± 2kHz	≤ 20	120	470
430 ~ 509	± 2kHz	≤ 20	100	100
510 ~ 699	± 2kHz	≤ 30	100	100
700 ~ 999	± 0.5%	≤ 70	100	100
1000 ~ 1250	± 0.5%	≤ 100	100	100

TABLE 2

Frequency Range (kHz)	Length (L)	Width (w)	Height (H)	Lead Length(LL)	Lead Spacing(ww)
190 ~ 249	0.53 (13.5)	0.15 (3.8)	0.58 (14.7)	0.31 (8.0)	0.39 (10.0)
250 ~ 375	0.43 (11.0)	0.15 (3.8)	0.48 (12.6)	0.28 (7.0)	0.3 (7.7)
376 ~ 400	0.31 (7.1)	0.14 (3.6)	0.35 (9.3)	0.3 (7.7)	0.2 (5.0)
401 ~ 699	0.28 (7.0)	0.14 (3.5)	0.35 (9.0)	0.24 (6.0)	0.2 (5.0)
700 ~ 1250	0.28 (5.2)	0.11 (2.8)	0.26 (6.8)	0.2 (5.0)	0.1 (2.5)

