

ZTB Series KHz-Band Ceramic Resonator

ZTB series ceramic resonators are widely used in telecommunication, cable, radar, TV set, tape recorder, video camera and other electronic products due to its lower price and stable performances.

- High stability of resonant frequency
- Comprises fixed, tuned, solid-state devices
- Miniature and light weight, simple construction
- Excellent shock resistance performance
- Non-adjustment of oscillator is possible



Specifications:

Frequency Range:

ZTB_D Series:	190KHz ~ 374KHz
ZTB_P Series:	375KHz ~ 429KHz
ZTB_E Series:	430KHz ~ 509KHz
ZTB_P Series:	510KHz ~ 699KHz
ZTB_J Series:	700KHz ~ 999KHz
ZTB_MJ Series:	1,000KHz ~ 1,250KHz

Operating Temperature: -20°C ~ +80°C

Storage Temperature: -40°C ~ +85°C

Frequency Tolerance(at 25°C): $\pm 1.0\text{KHz} \sim \pm 2.0\text{KHz}$

Frequency Stability(over temp. range): $\pm 0.3\%$

Aging for 10 Years: $\pm 0.5\%$

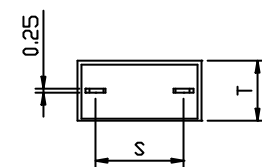
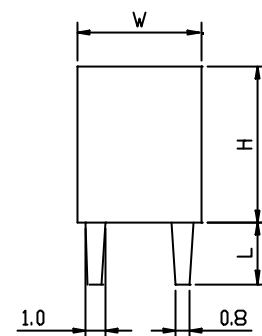
Resonant Resistance: Maximum resistance corresponds to frequency. Please see RR table.

C1 Value: 100pF ~ 330pF

C2 Value: 100pF ~ 470pF

Optional Features: Tape & Reel

ZTB Series



Code	W	H	T	S	L
ZTB_D	13.5	14.7	3.8	10.0	8.0
ZTB_P	7.9	9.3	3.6	5.0	6.0
ZTB_E	7.9	9.3	3.6	5.0	5.0
ZTB_J	5.0	6.0	2.2	2.5	3.5
ZTB_MJ	5.0	6.0	2.2	2.5	3.5

Note:

1. Other frequencies, tolerances, stabilities, and operating temperature ranges available. Consult VTC Support for specific requirements.
2. Not all combinations of the above tolerances, stabilities, and temperature ranges are available. Consult VTC Support if your requirement is not standard.
3. All specifications subject to change without notice.

All dimensions are in mm

Ordering Information

Product name + Frequency + Other Specification Code.

i.e. ZTB375P