

## 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:

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

**Operating Temperature:** -20°C ~ +80°C

**Storage Temperature:** -40°C ~ +85°C

**Frequency Tolerance(at 25°C):** ± 1.0KHz ~ ± 2.0KHz

**Frequency Stability(over temp. range):** ± 0.3%

**Aging for 10 Years:** ± 0.5%

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

**C1 Value:** 100pF ~ 330pF

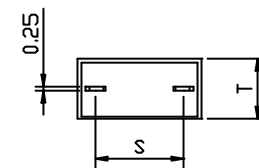
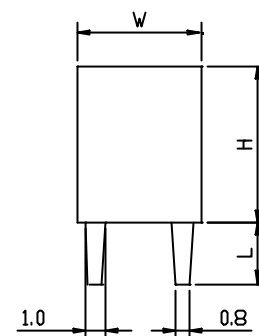
**C2 Value:** 100pF ~ 470pF

**Optional Features:** Tape & Reel

#### 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.

### 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

All dimensions are in mm

### Ordering Information

Product name + Frequency + Other Specification Code.

i.e. ZTB375P