

## ZTAC Series MHz-Band Ceramic Resonator

ZTAC SMD 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>ZTACC_MG Series:</b>	2.00MHz ~ 7.99MHz
<b>ZTACR_MG Series:</b>	4.00MHz ~ 7.99MHz
<b>ZTACE_MG Series:</b>	8.00MHz ~ 12.00MHz
<b>ZTACV_MT Series:</b>	8.00MHz ~ 12.00MHz
<b>ZTACV_MX Series:</b>	12.01MHz ~ 50.00MHz
<b>ZTACS_MT Series:</b>	8.00MHz ~ 12.00MHz
<b>ZTACS_MX Series:</b>	12.01MHz ~ 50.00MHz
<b>ZTACW_MX Series:</b>	16.93MHz ~ 50.00MHz

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

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

**Frequency Tolerance(at 25°C):** ± 0.5%

**Frequency Stability(over temp. range):** ± 0.5%

**Ageing for 10 Years:** ± 0.3%

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

**Withstanding Voltage:** 100VDC

**Insulation Resistance:** 500MΩ min at 10VDC

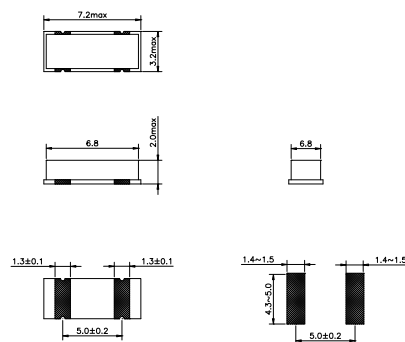
**Optional Features:** Tape & Reel

#### Note:

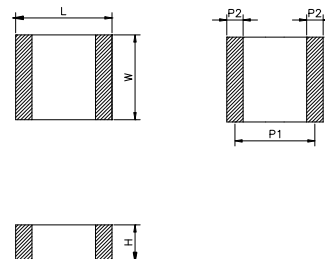
1. Other frequencies, tolerances, stabilities, and operating temperature ranges available. Consult VTC Support for specific requirements.
2. Not all combinations of the above tolerances, stabilities, and temperature ranges are available. Consult VTC Support if your requirement is not standard.
3. All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

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### ZTAC Series



ZTACC/ZTACR/ZTACE



ZTACV/ZTACS/ZTACW

Code	L	W	H	P1	P2
ZTACC	7.2	3.0	1.6±0.2	5.0	1.3
ZTACR	4.5	2.0	1.2±0.2	3.0	0.8
ZTACE	3.2	1.3	0.7±0.2	2.4	0.4
ZTACV	3.7	3.1	1.4±0.2	3.0	0.7
ZTACS	4.7	4.1	1.3±0.2	3.7	1.0
ZTACW	2.5	2.0	1.3±0.2	2.0	0.5

All dimensions are in mm

### Ordering Information

Product name + Frequency + Other Specification Code.

i.e. ZTACC4.00MG