

## **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

# **ZTAC**

## Specifications:

#### Frequency Range: ZTACC\_MG Series: 2.00MHz ~ 7.99MHz ZTACR\_MG Series: 4.00MHz ~ 7.99MHz 8.00MHz ~ 12.00MHz **ZTACE MG Series:** ZTACV\_MT Series: 8.00MHz ~ 12.00MHz ZTACV\_MX Series: 12.01MHz ~ 50.00MHz **ZTACS MT Series:** 8.00MHz ~ 12.00MHz 12.01MHz ~ 50.00MHz **ZTACS MX Series:** ZTACW\_MX Series: 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. r	range): ± 0.5%		
Ageing for 10 Years:	± 0.3%		

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

Withstanding Voltage: 100VDC

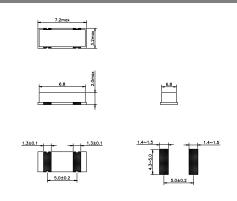
**Insulation Resistance:** 500M $\Omega$  min at 10VDC

Optional Features: Tape & Reel

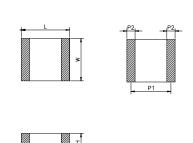
### Note:

- Other frequencies, tolerances, stabilities, and operating temperature ranges available. Consult VTC Support for specific requirements.
- 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.

# **ZTAC Series**



#### ZTACC/ZTACR/ZTACE



## ZTACV/ZTACS/ZTACW

Code	L	W	Н	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	8.0
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