

ZTTC Series MHz-Band Ceramic Resonator

ZTTC 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.



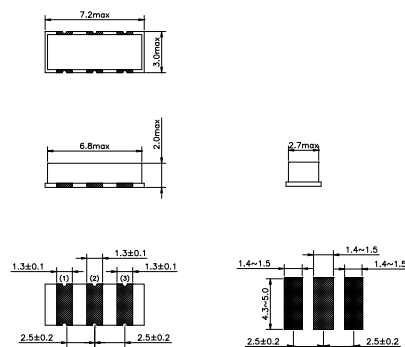
- High stability of resonant frequency
- Comprises fixed, tuned, solid-state devices
- Miniature and light weight, simple construction
- Excellent shock resistance performance
- Non-adjustment of oscillator is possible

Specifications:

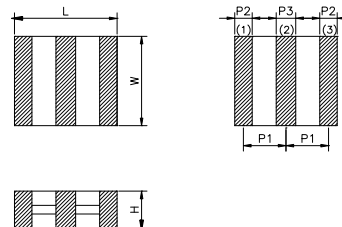
Frequency Range:	
ZTTCG_MG Series:	2.00MHz ~ 7.99MHz
ZTTCR_MG Series:	4.00MHz ~ 7.99MHz
ZTTCCE_MG Series:	8.00MHz ~ 12.00MHz
ZTTCV_MT Series:	8.00MHz ~ 12.00MHz
ZTTCV_MX Series:	12.01MHz ~ 50.00MHz
ZTTCGS_MT Series:	8.00MHz ~ 12.00MHz
ZTTCGS_MX Series:	12.01MHz ~ 50.00MHz
ZTTCW_MX Series:	16.93MHz ~ 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. range):	± 0.5%
Ageing for 10 Years:	± 0.3%
Resonant Resistance:	Maximum resistance corresponds to frequency. Please see RR table.
Load Capacitance:	30pF ± 20%
Withstanding Voltage:	100VDC
Insulation Resistance:	500MΩ min at 10VDC
Optional Features:	Tape & Reel

ZTTC Series



ZTTCG/ZTTCR/ZTTCCE



ZTTCV/ZTTCGS/ZTTCW

Code	L	W	H	P1	P2	P3
ZTTCG	7.2	3.0	1.6±0.2	2.5	1.3	1.3
ZTTCR	4.5	2.0	1.2±0.2	1.5	0.8	0.8
ZTTCCE	3.2	1.3	0.7±0.2	1.2	0.4	0.4
ZTTCV	3.7	3.1	1.4±0.2	1.5	0.7	0.9
ZTTCGS	4.7	4.1	1.3±0.2	1.85	1.0	1.0
ZTTCW	2.5	2.0	1.3±0.2	1.0	0.5	0.5

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. ZTTCG4.00MG