

ZTT 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

ZTT
ZTTC

ZTT Series

Technical drawings of the ZTTC_MG component showing dimensions in millimeters (mm).

Top View: Overall width is 8.2mm. The central rectangular area is labeled ZTTC_MG. The height of the central area is 3.4mm max.

Side View: Overall width is 7.8mm. The height of the central area is 2.0mm max.

Front View: Shows three vertical bars. The width of each bar is 1.3±0.1 mm. The distance between the bars is 1.3±0.1 mm. The total width is 2.5±0.2 mm. The height of the bars is 4.3-5.0 mm.

Back View: Shows three vertical bars. The width of each bar is 1.4-1.5 mm. The distance between the bars is 1.4-1.5 mm. The total width is 2.5±0.2 mm. The height of the bars is 4.3-5.0 mm.

Top View (ZTT): Shows the ZTT component. The width is W. The height is H. The distance between the two vertical bars is 0.6±0.1 mm. The total width is 2x2.5±0.3 mm. The height of the central area is 5.0±1.0 mm.

Side View (ZTT): Shows the ZTT component. The width is T. The distance between the two vertical bars is 0.25±0.05 mm.

ZTT(C)_MG Series:	2.00MHz ~ 8.00MHz
ZTT_MT Series:	5.00MHz ~ 13.00MHz
ZTT_MX Series:	13.01MHz ~ 50.00MHz
Operating Temperature:	-20°C ~ +80°C Standard
Storage Temperature:	-40°C ~ +85°C
Frequency Tolerance(at 25°C):	± 0.5%
Frequency Stability(over temp. range):	± 0.3%
Aging for 10 Years:	± 0.3%
Resonant Resistance:	Maximum resistance corresponds to frequency. Please see RR table.
Loading Capacitance:	30pF ± 20%
Withstanding Voltage:	100VDC
Insulation Resistance:	500MΩ min at 10VDC
Optional Features:	Tape & Reel

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.

Code	W	H	T
ZTT_MG	10.0	7.5	5.0
ZTT_MT	10.0	10.0	5.0
ZTT_MX	10.0	10.0	5.0

All dimensions are in mm

Ordering Information

Product name + Frequency + Other
Specification Code.

i.e. ZTT4.00MG