



**THE DATASHEET OF  
ZTT20.00MX**



The ZTT Series ceramic resonator offers a wide frequency range and extended temperature range capabilities with built in load capacitance.

Request a Sample

**Obsolete/End of Life Date 5/06/2020**

## OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

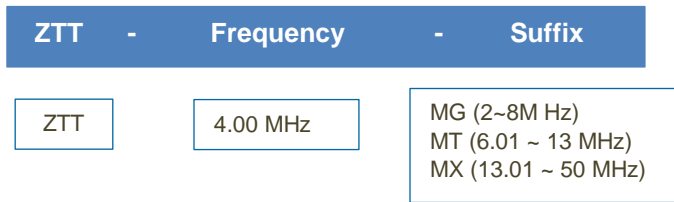


Part Number *	Frequency Range (MHz)	Frequency Accuracy @25°C (%)	Stability in Temperature -20 ~ +80°C (%)	Aging for Ten Years (%)	Resonant Resistance (Ω) MAX
ZTT□.□□MG	2.00 ~ 2.99	±0.5	±0.3	±0.3	80
ZTT□.□□MG	3.00 ~ 3.49	±0.5	±0.3	±0.3	50
ZTT□.□□MG	3.50 ~ 8.00	±0.5	±0.3	±0.3	30
ZTT□.□□MT	6.01 ~ 6.99	±0.5	±0.3	±0.3	30
ZTT□□.□□MT	7.00 ~ 13.00	±0.5	±0.3	±0.3	25
ZTT□□.□□MX	13.01 ~ 50.00	±0.5	±0.3	±0.3	30

- Low Profile
- Wide Frequency Range
- Extended temperature range
- RoHS Compliant (Note 7 Exemption)
- Built-in load capacitance

- Withstanding voltage (5 seconds max.) : 100V DC
- Insulation Resistance 100M Ω Min. (at 10V DC)

### Part Numbering Guide: ZTT-4.00MG



### Package Dimensions (mm)

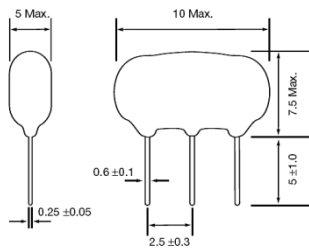


Figure 1) ZTT□.□□MG Side and Front Views

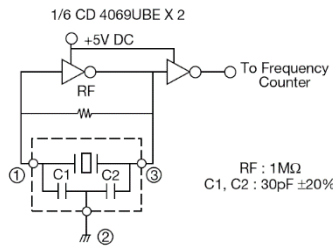


Figure 2) ZTT□.□□MG Test Circuit

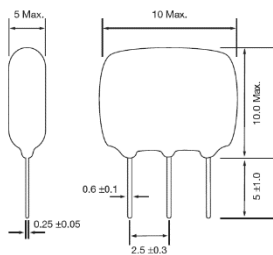


Figure 3) ZTT□.□□MX Side and Front Views

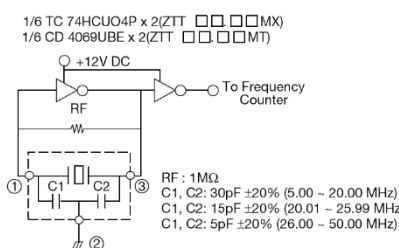


Figure 4) ZTT□.□□MT & ZTT□.□□MX Test Circuit

Note: ECS does not approve the use of its products in Automotive, Military, Avionics, Life Sustaining or Life Support systems or any other related medical applications without written approval from ECS Inc.

## Looking for pricing, stock, or lifecycle information?

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 [ECS Inc. Information](#)

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-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management