ZTT Series
Ceramic Resonator

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

ZTT Series

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

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

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

Part Numbering Guide: ZTT-4.00MG

ZTT	-	Frequency	-	Suffix
ZTT		4.00 MHz		MG (2~8M Hz) MT (6.01 ~ 13 MHz) MX (13.01 ~ 50 MHz)

Package Dimensions (mm)

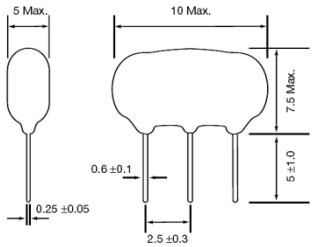

Figure 1) ZTT□.□□MG *Side and Front Views*

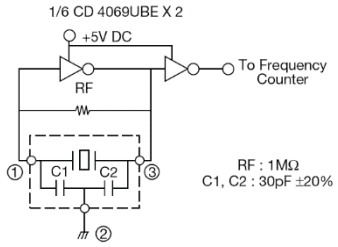

Figure 2) ZTT□.□□MG *Test Circuit*

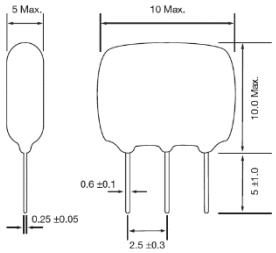

Figure 3) ZTT□.□□MX *Side and Front Views*

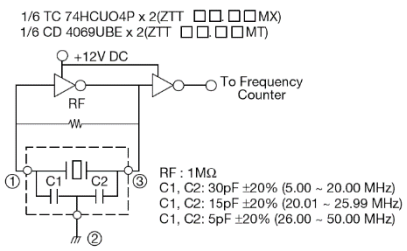

Figure 4) ZTT□.□□MT & ZTT□.□□MX *Test Circuit*

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