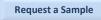


# ZTA Series Ceramic Resonator

The ZTA Series ceramic resonator offers a wide frequency range and extended temperature range capabilities.

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





# **OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**



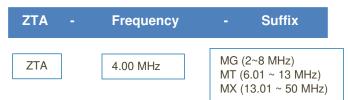
- Low Profile
- Wide Frequency Range
- Extended temperature range
- RoHS Compliant (Note 7 Exemption)

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

Withstanding voltage (5 seconds max.) : 100V DC

Insulation Resistance 100M  $\Omega$  Min. (at 10V DC)

#### Part Numbering Guide: ZTA-4.00MG



### Package Dimensions (mm)

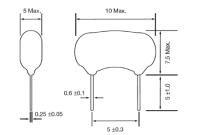
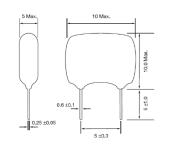


Figure 1) ZTAD.DDMG Side and Front Views



*Figure 3)* ZTA ... MT, MX Side and Front Views

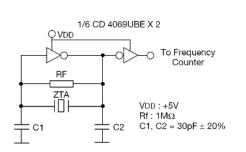
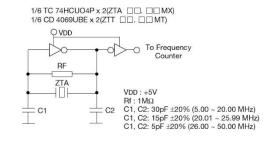


Figure 2) ZTA ... MG Test Circuit



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.

Figure 4) ZTAD.DDMT & ZTAD.DDMX Test Circuit