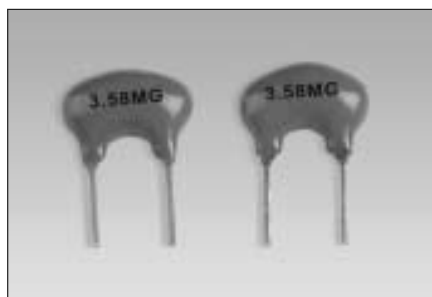




# HIGH FREQUENCY 2 PIN TYPE

## • ZTA Series



The ZTA series ceramic resonator is the miniature low profile frequency control products. It is of very competitive price than quartz crystal parts and of high stability that make it substitute the quartz crystal when need lower price.

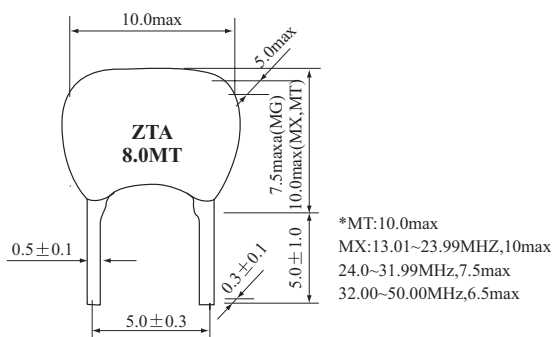
### FEATURES

- Low Cost
- High Stability
- Wide Frequency Range
- Small Compact Size

## Electrical Specifications

Part Number	ZTA□.□□MG	ZTA□.□□MG	ZTA□.□□MG	ZTA□□.□□MT	ZTA□□.□□MX
Frequency Range (MHz)	1.80 to 2.99	3.00 to 3.49	3.50 to 5.99	6.00 to 12.99	13.00 to 50.00
Frequency Accuracy(at 25°C) (%)	±0.5	±0.5	±0.5	±0.5	±0.5
Stability in Temperature 20°C to +80°C (%)	±0.3	±0.3	±0.3	±0.3	±0.3
Aging For Ten Years(%)	±0.3	±0.3	±0.3	±0.3	±0.3
Resonator Resistance(Ω) Max	80	50	30	25	55
Withstanding Voltate (5 seconds Max.)	100V <sub>DC</sub>	100V <sub>DC</sub>	100V <sub>DC</sub>	100V <sub>DC</sub>	100V <sub>DC</sub>
Insulation Resistance Minimum(at 10V <sub>DC</sub> )	5 × 10 <sup>8</sup> Ω	5 × 10 <sup>8</sup> Ω	5 × 10 <sup>8</sup> Ω	5 × 10 <sup>8</sup> Ω	5 × 10 <sup>8</sup> Ω

## Mechanical Dimensions(mm)



Part Number	Frequency Range	Circuit Constants	
		C1(PF)	C2(PF)
ZTA□□.□□MX	13.01~19.99	30	30
	20.00~25.99	15	15
	26.00~50.00	5	15

## Test Circuit For MOS IC

