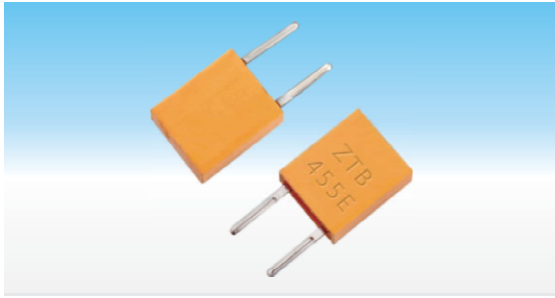


Ceramic Resonator

ZTB Series KHz Ceramic Resonator

190KHz~1250KHz

Package: SMD /DIP Type



Features

- Highly reliable design with excellent environmental resistance
- DIP package(ZTA...E series) or SMD package (ZTA...Y series)
- Wide frequency range from 190KHz to 1250KHz
- Standardized for use in low profile devices
- Low cost
- Application for car accessories, UPS, Power supply, PDAs, PC peripherals, Remote system, Security, Alarm, etc,
- RoHS Compliant



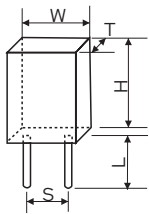
Standard Specifications

Part Number		Frequency Accuracy (@25°C)	Resonator Impedance	Frequency Stability (-20~+85°C)	Aging @10 Year	Load Capacitance (pF)	
DIP Type	SMD Type					C1	C2
ZTB190~249E		±1KHz	≤20Ω	±0.3%	±0.3%	330	470
ZTB250~374E		±1KHz	≤20Ω	±0.3%	±0.2%	220	470
ZTB375~429E	ZTB375~429Y	±2KHz	≤20Ω	±0.3%	±0.3%	120	470
ZTB430~409E	ZTB430~409Y	±2KHz	≤20Ω	±0.3%	±0.3%	100	100
ZTB510~699E	ZTB510~699Y	±2KHz	≤30Ω	±0.3%	±0.3%	100	100
ZTB700~999E	ZTB700~999Y	±0.5%	≤70Ω	±0.3%	±0.3%	100	100
ZTB1000~1250E	ZTB1000~1250Y	±0.5%	≤100Ω	±0.3%	±0.3%	100	100

Dimensions

[mm]

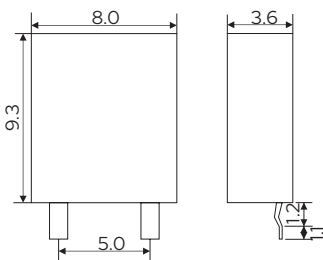
ZTB..E Series



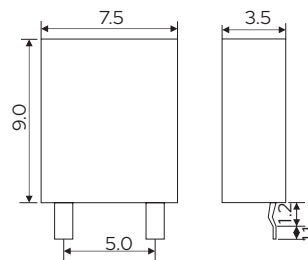
Part Number	Width W (mm)	Thickness T (mm)	Height H (mm)	Lead Space S (mm)	Lead Length L (mm)
ZTB190~249E	13.5	3.8	14.7	10.0	8.0
ZTB250~374E	11.0	3.8	12.2	10.0	7.0
ZTB375~400E	7.9	3.6	9.3	7.7	7.0
ZTB401~699E	7.0	3.5	9.0	5.0	4.0 (6.0)
ZTB700~1250E	5.2	2.8	6.8	2.5	3.5

ZTB..Y Series

ZTB375~429Y



ZTB430~699Y



ZTB700~1250Y

