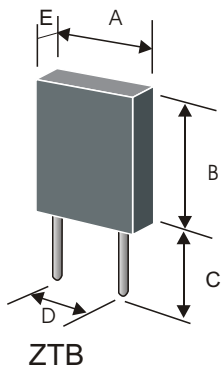


# Specify AEL

## ZTB Series



Freq Range	A	B	C	D	E
190~249	13.5mm	14.7mm	8.0mm	10.0mm	3.8mm
250~374	11.0mm	12.2mm	7.0mm	7.7mm	3.8mm
375~429	7.9mm	9.3mm	6.0mm	5.0mm	3.6mm
430~439	7.9mm	9.3mm	5.0mm	5.0mm	3.6mm
450~509	7.0mm	9.0mm	5.0mm	5.0mm	3.5mm
510~699	7.0mm	9.0mm	5.0mm	5.0mm	3.5mm
700~999	5.0mm	6.0mm	3.5mm	2.5mm	2.2mm
1000~1250	5.0mm	6.0mm	3.5mm	2.5mm	2.2mm

Ceramic Resonators

### FEATURES

- Low Cost
- Ex-Stock Availability
- Industry Standard Dimensions
- Good Stability

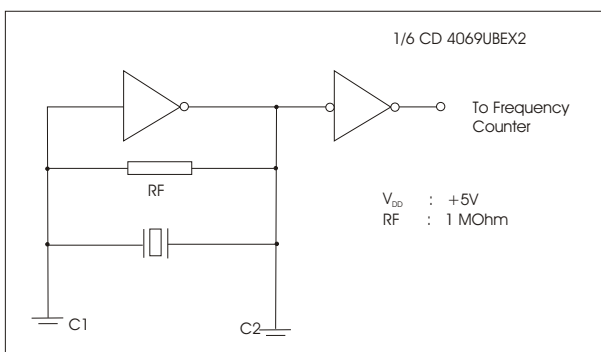
### APPLICATIONS

- Microprocessor Systems
- Datacommunications
- Consumer Electronics
- Automotive Electronics

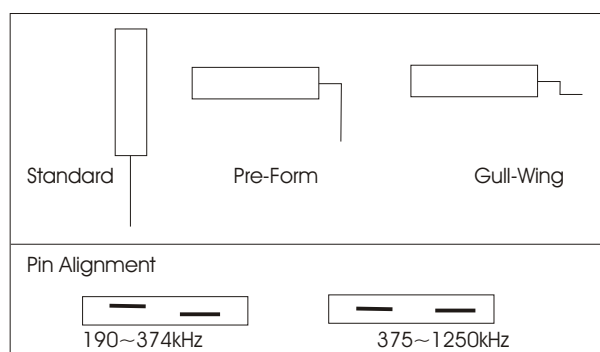
### STANDARD SPECIFICATION

Part Number	ZTB□□□D	ZTB□□□D	ZTB□□□P	ZTB□□□E	ZTA□□□E	ZTB□□□P	ZTB□□□J	ZTB□□□P
Frequency Range(KHz)	190~249	250~374	375~429	430~439	450~509	510~699	700~999	1000~1250
Frequency Accuracy At 25°C	+/-1.0	+/-1.0	+/-2.0	+/-2.0	+/-2.0	+/-2.0	+/-0.5	+/-0.5
Temp. Stability -20°C to +80°C	+/-0.3	+/-0.3	+/-0.3	+/-0.3	+/-0.3	+/-0.3	+/-0.3	+/-0.3
Ageing (Over 10 years)	+/-0.5	+/-0.5	+/-0.5	+/-0.5	+/-0.5	+/-0.5	+/-0.5	+/-0.5
ESR (OhmsMax)	20	20	20	20	20	35	70	100
C1 (pF)	330	220	120	100	100	100	100	100
C2 (pF)	470	470	470	100	100	100	100	100

### TEST CIRCUIT



### LEAD FORM



[www.aelcrystals.co.uk](http://www.aelcrystals.co.uk) quartz based frequency control components

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