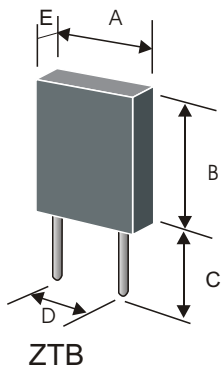


Specify AEL

ZTB Series



Ceramic Resonators



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

FEATURES

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

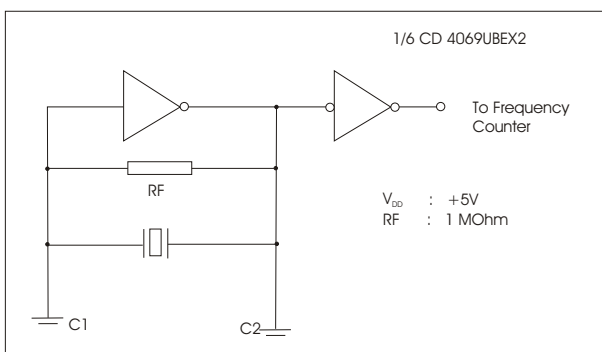
APPLICATIONS

- Microprocessor Systems
- Datacommunications
- Consumer Electronics
- Automotive Electronics

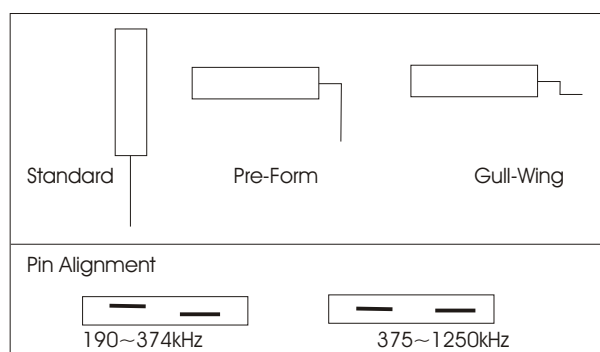
STANDARD SPECIFICATION

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



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