

YIC Ceramic Resonator (ZTB Series)

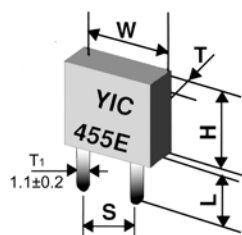
ZTB Series of Ceramic Resonator

190-1250KHz

● TECHNICAL CHARACTERISTICS

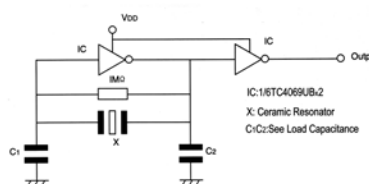
Part Number	Frequency Accuracy	Resonant Impedance(Ω)	Stability in Temperature (-20~+80°C)	Aging For Ten Years	Load Capacitance	
					C1	C2
ZTB190~249D	$\pm 1\text{KHz}$	≤ 20	$\pm 0.3\%$	$\pm 0.3\%$	330	470
ZTB250~374D	$\pm 1\text{KHz}$	≤ 20	$\pm 0.3\%$	$\pm 0.3\%$	220	470
ZTB375~429P	$\pm 2\text{KHz}$	≤ 20	$\pm 0.3\%$	$\pm 0.3\%$	120	470
ZTB430~509E	$\pm 2\text{KHz}$	≤ 20	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB510~699P	$\pm 2\text{KHz}$	≤ 30	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB700~1250J	$\pm 0.5\%$	≤ 100	$\pm 0.3\%$	$\pm 0.3\%$	100	100

* 90 degree of bended lead type is available, for example ZTB455EB, ...



Frequency range	Width W(mm)	Thickness T(mm)	Height H(mm)	Lead Space S(mm)	Lead Length L(mm)
190~249KHz	13.5	3.6	14.7	10.0	8.0
250~374KHz	11.0	3.6	12.2	7.7	7.0
375~429KHz	7.9	3.6	9.3	5.0	6.0
430~699KHz	7.0	3.5	9.0	5.0	4.0(6.0)
700~1250KHz	5.1	2.2	6.3	2.5	4.0

● TEST CIRCUIT



● CHARACTERISTICS

