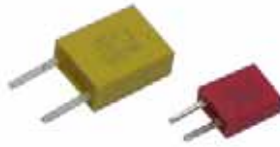


CERAMIC RESONATOR

ZTB / ZTB-Y



ZTB



ZTB-Y



ZTB						
Series	Frequency Accuracy	Resonant Impedance (Ω)	Temperature Stability (-20°C to 80C)	Aging (10 years)	Load Capacitance	
					C1	C2
ZTB190 ~ 249D	± 1 KHz	20	$\pm 0.3\%$	$\pm 0.3\%$	330	470
ZTB190 ~ 250D	± 1 KHz	20	$\pm 0.3\%$	$\pm 0.3\%$	220	470
ZTB190 ~ 251D	± 2 KHz	20	$\pm 0.3\%$	$\pm 0.3\%$	120	470
ZTB190 ~ 252D	± 2 KHz	20	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB190 ~ 253D	± 2 KHz	30	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB190 ~ 254D	$\pm 0.5\%$	70	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB1000~1250J	$\pm 0.5\%$	100	$\pm 0.3\%$	$\pm 0.3\%$	100	100

ZTB-Y						
Series	Frequency Accuracy	Resonant Impedance (Ω)	Temperature Stability (-20°C to 80C)	Aging (10 years)	Load Capacitance	
					C1	C2
ZTB375 ~ 429Y	± 2 KHz	20	$\pm 0.3\%$	$\pm 0.3\%$	120	470
ZTB430 ~ 509Y	± 2 KHz	20	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB510 ~ 699Y	± 2 KHz	30	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB700 ~ 999Y	$\pm 0.5\%$	70	$\pm 0.3\%$	$\pm 0.3\%$	100	100
ZTB1000 ~ 1250Y	$\pm 0.5\%$	100	$\pm 0.3\%$	$\pm 0.3\%$	100	100

SOLDERING PATTERN (mm)

ZTB
455E

Unit : mm

Frequency Range	Width W (mm) ± 0.3	Thickness T (mm) ± 0.3	Height H (mm) ± 0.3	Lead Space S (mm) ± 0.3	Lead Length L (mm) ± 0.5
190-249	13.5	3.6	14.7	10.0	8.0
250-374	11.0	3.6	12.2	7.7	7.0
375-400	7.9	3.6	9.3	5.0	7.7
401-699	7.0	3.5	9.0	5.0	4.0 (6.0)
700-1250	5.1	2.3	6.3	2.5	4.0

ZTB

ZTB
455Y

Unit : mm

Frequency Range	W (mm) ± 0.3	T (mm) ± 0.3	H (mm) ± 0.3	S (mm) ± 0.5
375-429	8.0	3.5	9.0	5.0
430-519	7.5	3.3	8.5	5.0
520-699	7.0	3.0	8.5	5.0
700-1250	5.0	2.2	6.0	2.5

ZTB-Y

All specifications are subject to change without notice.



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