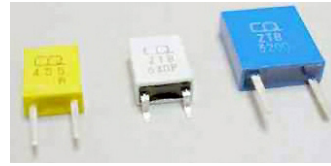
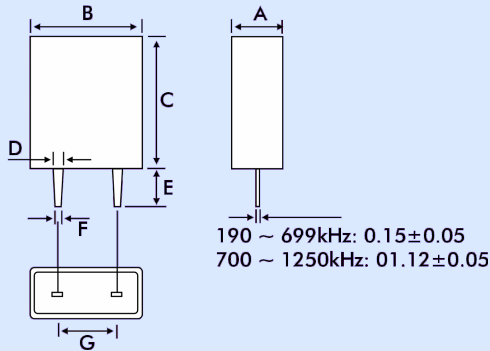


- ZTB, ZTB456F & ZTB912JF Leaded types, 190kHz to 1250kHz



OUTLINES & DIMENSIONS

ZTB / ZTB456F / ZTB912JF



Freq (kHz)	190	250	375	430	450	610	700	1000
	to	to	to	to	to	to	to	to
Dimension	249	374	429	449	509	699	999	1250
A	3.8	3.8	3.6	3.6	3.5	3.5	2.2	2.2
B	13.5	11.0	7.9	7.9	7.0	7.0	5.0	5.0
C	14.7	12.2	9.3	9.3	9.0	9.0	6.0	6.0
D	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8
E	8.0	7.0	6	5	5	5	3.5	3.5
F	0.7	0.7	0.7	0.8	0.8	0.6	0.6	0.6
G	10.0	7.7	5.0	5.0	5.0	2.5	2.5	2.5

ELECTRICAL SPECIFICATION OF ZTB

Part Number	Frequency Range (kHz)	Frequency Tolerance	Temperature Stability -20° to +80°C (%)	Ageing Rate (10 years,%)
ZTB_D	190 ~ 249	$\pm 1.0\text{kHz}$	± 0.3	± 0.5
ZTB_D	250 ~ 374	$\pm 1.0\text{kHz}$	± 0.3	± 0.5
ZTB_P	375 ~ 429	$\pm 2.0\text{kHz}$	± 0.3	± 0.5
ZTB_E	430 ~ 449	$\pm 2.0\text{kHz}$	± 0.3	± 0.5
ZTB_E	450 ~ 509	$\pm 2.0\text{kHz}$	± 0.3	± 0.5
ZTB_P	510 ~ 699	$\pm 2.0\text{kHz}$	± 0.3	± 0.5
ZTB_J	700 ~ 999	$\pm 0.5\%$	± 0.3	± 0.5
ZTB_MJ	1000 ~ 1250	$\pm 0.5\%$	± 0.3	± 0.5

Other specifications are available upon request

ELECTRICAL SPECIFICATION OF ZTB456F / ZTB912JF

Part Number	Frequency Range	Applicable IC
ZTB456F11	18.950kHz $\pm 38\text{Hz}$	LA3410
ZTB456F15	19.000kHz $\pm 38\text{Hz}$	LA3430
ZTB456F16	19.000kHz $\pm 38\text{Hz}$	TA8122AN
ZTB456F18	19.000kHz $\pm 38\text{Hz}$	TA8132N
ZTB456F21	19.000kHz $\pm 38\text{Hz}$	TA8150N
ZTB456F23	456.00kHz $\pm 0.25\%$	LA1886
ZTB456F34	456.00kHz $\pm 0.2\%$	LA1888N
ZTB912JF101	918.50kHz $\pm 0.2\%$	AN72914
ZTB912JF104	925.00kHz $\pm 0.3\%$	AN7291

Other specifications are available upon request