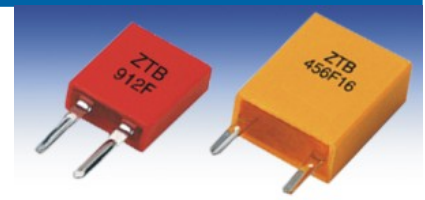


CERAMIC RESONATOR

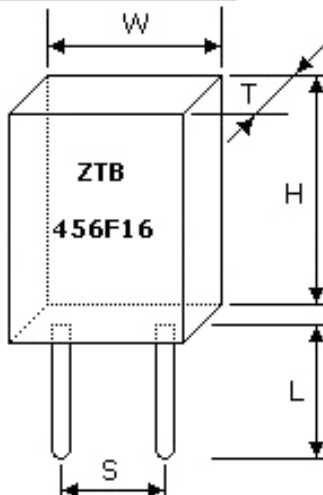
ZTB 456 / 500 / 503 / 912F



TECHNICAL CHARACTERISTICS

Part Number	Frequency Accuracy	Applicable IC	
ZTB 456F Series for HI-FI stereo			
ZTB456F11	19.000KHz±38Hz	LA3430	SANYO
ZTB456F15	19.000KHz±38Hz	LA1832	SANYO
ZTB456F16	19.000KHz±38Hz	TA8122AN	TOSHIBA
ZTB456F18	19.000KHz±38Hz	TA8132N	TOSHIBA
ZTB456F33	456.000KHz±2Hz	LA2232	SANYO
ZTB480E14	480+0.2%,-0.4%	TC31018P	TOSHIBA
ZTB 500/503F Series for TV horizontal synthesizer circuits			
ZTB500F2	500.0KHz±2KHz	μPC1401C	NEC
ZTB500F9	500.0KHz±2KHz	M51308SP	MITSUBISHI
ZTB500F25	15.680KHz±0.4%	LA7680	SANYO
ZTB500F40	15.680KHz±0.4%	TA8691N	TOSHIBA
ZTB503F2	503.5KHz±2KHz	μPC1401C	NEC
ZTB503F5	504.5KHz±2KHz	LA7620	SANYO
ZTB503F10	15.734KHz±0.5%	TA7777P	TOSHIBA
ZTB503F12	503.5KHz±2KHz	LDA3586N	THOMSON
ZTB503F15	505.1KHz±2KHz	LA7650	SANYO
ZTB503F30	503.5KHz±1.5KHz	TA8654AN	TOSHIBA
ZTB503F38	15.734KHz±62KHz	AN5302	MATSUSHITA
ZTB912F Series for HI-FI automobile stereo			
ZTB912F	923.0KHz±0.3%	LA1780	SANYO
ZTB912F101	918.5KHz±0.3%	AN7291	MATSUSHITA
ZTB912F104	925.0KHz±0.3%	LA1867NM	SANYO

DIMENSIONS (Unit: mm Tolerance: ±0.3mm)



Part Number	W Width	T Thickness	H Height	S Lead Space	L Lead Length
ZTB456/500/503F	7.0	3.5	9.0	5.0	4.0
ZTB912F	5.0	2.2	6.0	2.5	4.0

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