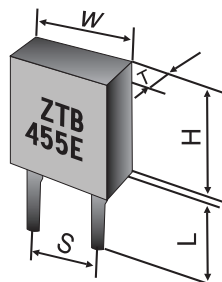


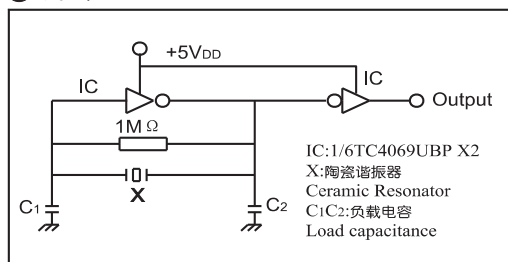
● 技术特性 TECHNICAL CHARACTERISTICS

型号 Part Number	频率精度 Frequency Accuracy	谐振阻抗 Resonant Impedance(Ω)	温度稳定性 Stability in Temperature (-20~+80℃)(%)	老化率(10年) Aging For ten years(%)	负载电容 Load Capacitance (pF)	
					C1	C2
ZTB190~249D	±1KHz	≤20	±0.3	±0.3	330	470
ZTB250~374D	±1KHz	≤20	±0.3	±0.3	220	470
ZTB375~429P	±2KHz	≤20	±0.3	±0.3	120	470
ZTB430~509E	±2KHz	≤20	±0.3	±0.3	100	100
ZTB510~699P	±2KHz	≤30	±0.3	±0.3	100	100
ZTB700~999J	±0.5%	≤70	±0.3	±0.3	100	100
ZTB1000~1250J	±0.5%	≤100	±0.3	±0.3	100	100

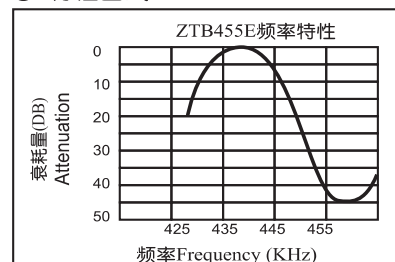


频率范围 (KHz) Frequency Range	宽W(mm) Width	厚T(mm) Thickness	高H(mm) Height	脚距S(mm) Lead Space	引线长L(mm) Lead Length
190~249	13.5	3.8	14.7	10.0	8.0
250~374	11.0	3.8	12.2	7.7	7.0
375~400	7.9	3.6	9.3	5.0	7.7
401~699	7.0	3.5	9.0	5.0	4.0(6.0)
700~1250	5.2	2.8	6.8	2.5	3.5(5.0)
1000J	5.1	2.3	6.3	2.5	4.0

● 测试电路TEST CIRCUIT



● 特性曲线CHARACTERISTICS



ZTB □ YKHZ 系列表面安装陶瓷谐振器

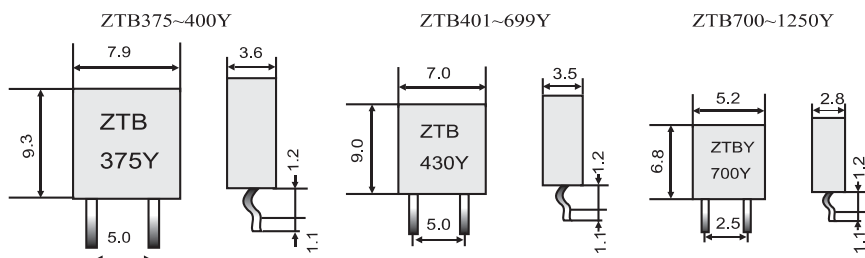
ZTB □ YKHZ SERIES SURFACE MOUNTABLE CERAMIC RESONATOR

375~1250KHZ

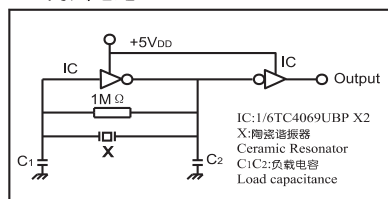
● 技术特性 TECHNICAL CHARACTERISTICS

型号 Part Number	频率精度 Frequency Accuracy (%)	谐振阻抗 Resonant Impedance(Ω)	温度稳定性 Stability in Temperature (-20~+80℃)(%)	老化率(10年) Aging For ten Years(%)	负载电容 Load Capacitance(pF)	
					C1	C2
ZTB375~429Y	±0.5	≤20	±0.3	±0.3	120	470
ZTB430~509Y	±0.5	≤20	±0.3	±0.3	100	100
ZTB510~699Y	±0.5	≤30	±0.3	±0.3	100	100
ZTB700~900Y	±0.5	≤50	±0.3	±0.3	100	100
ZTB901~1000Y	±0.5	≤70	±0.3	±0.3	100	100
ZTB1001~1250Y	±0.5	≤100	±0.3	±0.3	100	100

● 尺寸 DIMENSIONS



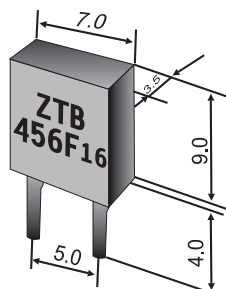
● 测试电路TEST CIRCUIT



**ZTB456F Series of Ceramic Resonator  
For FM Multiplexers**

456KHZ

● 技术特性 TECHNICAL CHARACTERISTICS

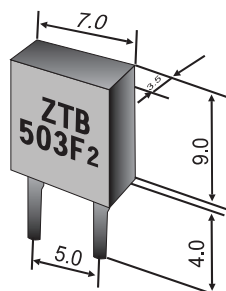


型号 Part Number	频率精度 Frequency Accuracy	适用的IC Applicable IC
ZTB456F11	19.000KHz±38Hz	LA3430 (SANYO)
ZTB456F14	19.000KHz±38Hz	TA7413AP (TOSHIBA)
ZTB456F15	456KHz±2KHz	LA1832 (SANYO)
ZTB456F16	19.000KHz±38Hz	TA8122AN (TOSHIBA)
ZTB456F18	19.000KHz±38Hz	TA8132N (TOSHIBA)
ZTB456F33	456KHz±2KHz	LA2232 (SANYO)

电视机行信号合成电路用 ZTB503/500F 系列压控陶瓷谐振器  
**ZTB503/500F SERIES OF CERAMIC RESONATOR  
FOR TV HORIZONTAL SYNTHESIZER CIRCUITS**

503/500KHZ

● 技术特性 TECHNICAL CHARACTERISTICS



型号 Part Number	频率精度 Frequency Accuracy	适用的IC Applicable IC
ZTB503F2	503.5±2kHz	UPC1401(NEC)
ZTB503F5	504.5±2kHz	LA7620(SANYO)
ZTB503F6	519±2kHz	M51307(MITSUBISHI)
ZTB503F10	15.734kHz±0.5%	TA7777P(TOSHIBA)
ZTB503F12	503.5kHz±2kHz	TDA3586(THOMSON)
ZTB503F15	505.1kHz±2kHz	LA7650(SANYO)
ZTB503F30	503.5kHz±1.5kHz	TA8654AN(TOSHIBA)
ZTB503F38	15.734kHz±62kHz	AN5302(MATSUSHITA)
ZTB500F2	500.0kHz±2kHz	UPC1401(NEC)
ZTB500F9	500.0kHz±2kHz	M51308SP(MITSUBISHI)
ZTB500F13	500.0kHz±2kHz	M51367SP(MITSUBISHI)
ZTB500F28	15.680KHz±0.4%	LA7680(SANYO)
ZTB500F40	15.680KHz±0.4%	TA8691N(TOSHIBA)
ZTB500F55	15.680KHz±0.4%	LA7685(SANYO)