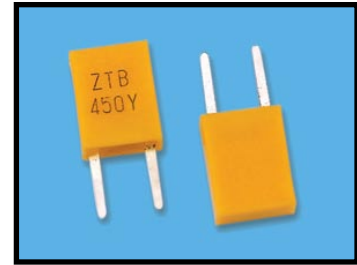


SMD Type

Features:

- Low cost.
- Industry standard dimensions.
- Built-in capacitance load.
- Low frequencies.
- High stability.
- **RoHs Compliant (Pb Free)**
- **Exemption according to RoHs Directive 2002/95/EC Annex point 7**



Electrical Specifications:

Part Number *	Frequency Range (MHz)	Resonant Resistance (ESR) Ω max.	Capacitance Values (± 20%)		Frequency Accuracy (at 25°C)	Dimensions (mm)
			C1	C2		
RB ___ Y	375 - 400	≤ 20	120 pF	470 pF	± 1KHz	
RB ___ Y	401 - 429	≤ 20	120 pF	470 pF	± 1KHz	
RB ___ Y	430 - 509	≤ 20	100 pF	100 pF	± 2KHz	
RB ___ Y	510 - 699	≤ 20	100 pF	100 pF	± 2KHz	
RB ___ Y	700 - 1250	≤ 70	100 pF	100 pF	± 0.5KHz	
Operating Temperature	- 20°C to 80°C					
Storage Temperature	- 55°C to 85°C					
Frequency Stability (over temp. range)	± 0.3% max.					
Aging for 10 years	± 0.3% max.					
Rating Voltage	DC Voltage 6VDC AC Voltage 15Vpp					
Insulation Resistance	100MΩ min. at 10VDC					
Optional Features	Tape & reel					
<p>X : Ceramic Resonator V_{DD} : +5V IC : 1/6TC4069UBP×2 C1C2 : Load Capacitance</p>						

* Complete part number to include frequency i.e. RB455Y (455 = 455KHz).