

Ceramic Resonators			
CRB	<b>Features</b> ◆RoHS Compliant	◆Different package sizes ◆Wide frequency range	

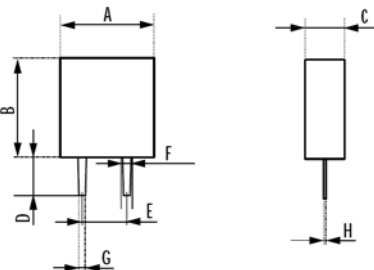
**Electrical Specifications**

Item	Specifications					
Type	CRB					
Center Frequency Range	190 to 374KHz	375 to 429KHz	430 to 509KHz	510 to 699KHz	700 to 999KHz	1000 to 1250KHz
Series Resistance Max.	20Ω	20Ω	20Ω	30Ω	70Ω	100Ω
Frequency Stability	±1.0KHz	±1.0KHz	±2.0KHz	±2.0KHz	±0.5KHz	±0.5KHz
Stability vs. Temperature	±0.3%					
Operating Temperature	-20°C to +80°C					
Storage Temperature	-30°C to +85°C					
Aging Over 10 Years	±0.3% Max.					

**Ordering Information**

C	R	Type	XXX XXXX	K	Material Color	Freq. Stability at 25°C	Operating Temp.	Stability Vs.Temp.	Option
C: Ceramic R: Resonator		B: CRB	Center frequency 190 to 1250KHz	K: KHz	Y: Yellow B: Blue	1: ±1.0KHz 2: ±2.0KHz 3: ±0.5KHz	C: -20 to +80°C D: -40 to +85°C	3: ±0.3% 5: ±0.5%	F: Lead Free T: T&R Blank: Bulk
<b>Example: CRB455KY2C3</b> (Ceramic, CRB, 455KHz±2.0KHz, Yellow material, +/-0.3%, -20 to +80deg.)									

**Dimensions CRB**

	A	B	C	D	E	F	G	H	
	190.0 ~ 249.0 kHz	13.5	14.7	3.8	8.0	10.0	1.2 max.	0.80	13.5
	250.0 ~ 374.0 kHz	11.0	12.2	3.8	7.0	7.7	1.2 max.	0.80	11.0
	375.0 ~ 400.0 kHz	7.9	9.3	3.6	7.0	5.0	1.0 max.	0.65	7.9
	401.0 ~ 699.0 kHz	7.0	9.0	3.5	5.5	5.0	0.8 max.	0.50	7.0
	700.0 ~ 1250.0 kHz	5.2	6.8	2.8	3.5	2.5	0.8 max.	0.50	5.2

**Unit:mm**  
**500pcs per pag**

**Test Circuit CRB (Without built-in capacitors)**

