BCC CAN CRYSTAL SERIES

Features:

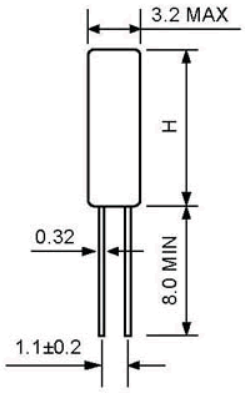
- 3.579545 to 70.0 MHz Frequency Range
- Miniature Can Size
- AT-Cut Crystal (BT Available)
- Aluminum Can Thru-Hole Package
- Low Cost CPU Crystal
- RoHS Compliant (Pb Free)

ELECTRICAL SPECIFICATIONS		
Part Number	BCC09	BCC10
Frequency Range	3.579545 to 40.0 MHz	4.0 to 70.0 MHz
Frequency Tolerance @ 25°C	± 50ppm, ± 30ppm, ± 20ppm, ± 15ppm, ± 10ppm	
Frequency Stability Ref @ 25°C	± 100ppm, ± 50ppm, ± 25ppm, ± 10ppm	
Operating Temperature	0 to 70°C, -10 to 60°C, -20 to 70°C,-40 to 85°C,	
Storage Temperature Range	-55°C to 125°C	
Load Capacitance	10pF to 32pF or Series	
Drive Level	0.1mW Maximum	
Shunt Capacitance	7pF Maximum	
Insulation resistance	500M Ω Min	
Aging	± 5ppm / Year Maximum	
Crystal Cut	AT strip	

Equivalent Series Resistance					
Frequency Range	ESR (Ohms)	Mode	Frequency Range	ESR (Ohms)	Mode
3.579545 to 3.999 MHz	200	Fundamental	10.0 to 12.999 MHz	50	Fundamental
4.0 to 4.999 MHz	150	Fundamental	13.0 to 18.999 MHz	35	Fundamental
5.0 to 5.999 MHz	120	Fundamental	19.00 to 30.0 MHz	25	Fundamental
6.0 to 6.999 MHz	100	Fundamental	30.001 to 35.999 MHz	100	3rd Overtone
7.0 to 7.999 MHz	80	Fundamental	36.0 to 70.0 MHz	80	3rd Overtone
9.0 to 9.999 MHz	60	Fundamental			

Part Numbering System						
Model	Package	Frequency	Load (Cl)	Stability @ 25°C	Stability / Temp	Operate Temp.
BCC	10 = BCC10	143 = 14.31818	S = Series	5 = ± 50ppm	00 = ± 100ppm	A = 0-70°C
	9 = BCC9		10pF - 32pF	3 = ± 30ppm	5 = ± 50ppm	B = -10+60°C
Click here for Standard Crystal Frequencies Abbrevations Page				2 = ± 20ppm	3 = ± 30ppm	C = -20+70°C
						D = -40+85°C

Part No Example						
BCC	10	143	10	5	5	A



Mechanical Specifications in mm

Package	Height (H)
BCC10	10.5mm
BCC9	9.0mm