



BX32 SERIES CRYSTAL - 3.2 x 2.5 x 0.7mm

Frequency Range	12.000MHz to 54.000MHz
Overtone	Fundamental
Motional Resistance (ESR)	See Table Below
Load Capacitance (CL)	Standard (9pF,10pF,12pF) User Spec
Shunt Capacitance	7pF max
Drive Level (DL)	10μW(Standard), 100μW max
Frequency Tolerance (25 °C)	±10 ppm to ±25 ppm
Frequency Stability	±10 ppm to ±50 ppm (See Table Below)
Operating Temperature Range	-20 °C to +70°C or -40 °C to +85°C
Storage Temperature Range	-40 °C to +85°C
Aging	±3 ppm per year max

MOTIONAL RESISTANCE (ESR)

Frequency (MHz)	12.000 < 16.000	16.001 < 26.000	26.001 < 54.000
CI (Ω)	100	70	50

PART NUMBERING GUIDE

Series	Tolerance	Temperature Range/Stability	Load	Freq
BX32	±10ppm = 1	-20 °C to +70°C/ ±15ppm = A	09 = 9pF	30M000
	±15ppm = 2	-20 °C to +70°C/ ±20ppm = B	10 = 10pF	
	±20ppm = 3	-20 °C to +70°C/ ±25ppm = C	12 = 12pF	
	±25ppm = 4	-20 °C to +70°C/ ±30ppm = D	XX = Choice pF	
		-20 °C to +70°C/ ±50ppm = E		
		-40 °C to +85°C/ ±15ppm = F		
		-40 °C to +85°C/ ±20ppm = G		
		-40 °C to +85°C/ ±25ppm = H		
		-40 °C to +85°C/ ±30ppm = J		
		-40 °C to +85°C/ ±50ppm = K		

For other Tolerance, Stability, and Temperature options please consult factory

Example P/N: BX32 – 1 – B – 10 – 30M000

To Request a Quote click here - www.beckelec.com/request-a-quote/

MECHANICAL DRAWING

