



BX21 SERIES CRYSTAL - 2.0 x 1.6 x 0.45mm

Frequency Range	16.000MHz 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)	16.000 < 24.000	24.001 < 35.000	26.001 < 54.000
CI (Ω)	100	80	60

PART NUMBERING GUIDE

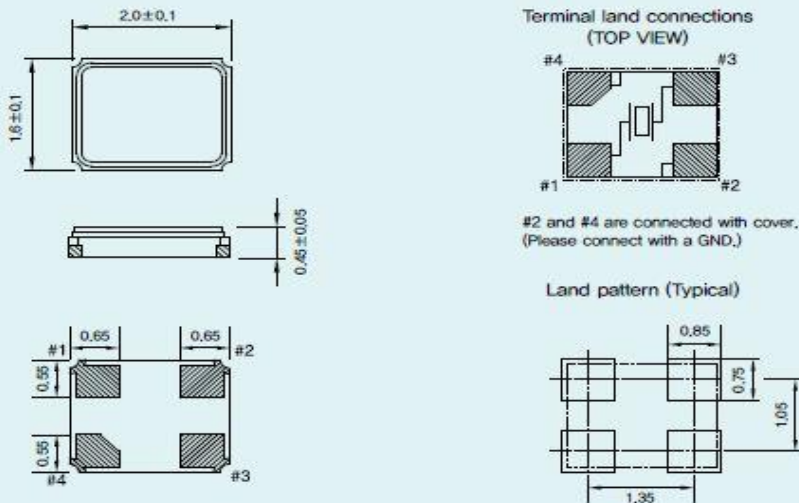
Series	Tolerance	Temperature Range/Stability	Load	Freq
BX21	±10ppm = 1	-20 °C to +70°C/ ±15ppm = A	09 = 9pF	30M000
	±15ppm = 2	-20 °C to +70°C/ ±20ppm = B	10 = 10pF	
	±20ppm = 3	-20 °C to +70°C/ ±25ppm = C	12 = 12pF	
	±25ppm = 4	-20 °C to +70°C/ ±30ppm = D	XX = Choice pF	
		-20 °C to +70°C/ ±50ppm = 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: BX21 – 1 – B – 10 – 30M000

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

MECHANICAL DRAWING



6718 N. 59th Avenue, Glendale, AZ 85301

Phone: 623-435-6555 ■ Email: sales@beckelec.com