



BX11 SERIES CRYSTAL - 1.6 x 1.2 x 0.32mm

Frequency Range	26.000MHz to 54.000MHz
Overtone	Fundamental
Motional Resistance (ESR)	See Table Below
Load Capacitance (CL)	Standard (9pF,10pF,12pF) User Spec
Shunt Capacitance	9pF 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 -30°C to +85°C
Storage Temperature Range	-40°C to +85°C
Aging	±3 ppm per year max

MOTIONAL RESISTANCE (ESR)

Frequency (MHz)	26.000 < 40.000	40.001 < 54.000
CI (Ω)	200	100

PART NUMBERING GUIDE

Series	Tolerance	Temperature Range/Stability	Load	Frequency
BX11	±10ppm = 1	-20°C to +70°C/ ±15ppm = B	09 = 9pF	30M000
	±15ppm = 2	-20°C to +70°C/ ±20ppm = C	10 = 10pF	
	±20ppm = 3	-30°C to +85°C/ ±20ppm = N	12 = 12pF	
	±25ppm = 4	-30°C to +85°C/ ±25ppm = P	XX = Choice pF	

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

Example P/N: BX11 – 1 – C – 10 – 30M000

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MECHANICAL DRAWING

