



BX75 SERIES CRYSTAL - 7.0 x 5.0 x 1.4mm

Frequency Range	5.500MHz to 150.000MHz
Overtone	Fundamental , 3OT
Motional Resistance (ESR)	See Table Below
Load Capacitance (CL)	Standard (9pF,10pF,12pF) User Spec
Shunt Capacitance	7pF max
Drive Level (DL)	10μW(Standard), 500μW 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)	5.5 < 10	10.1 < 20	20.1 < 41	38.0 < 50	50.1 < 85	85.1 < 150
CI (Ω)	80	50	40	80	50	40
Overtone	Fundamental			3 rd Overtone		

PART NUMBERING GUIDE

Series	Tolerance	Temperature Range/Stability	Load	Freq
BX75	±10ppm = 1 ±15ppm = 2 ±20ppm = 3 ±25ppm = 4	-20 °C to +70 °C/ ±15ppm = A -20 °C to +70 °C/ ±20ppm = B -20 °C to +70 °C/ ±25ppm = C -20 °C to +70 °C/ ±30ppm = D -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	06 = 6pF 09 = 9pF 10 = 10pF 12 = 12pF XX = Choice pF	30M000

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

Example P/N: BX75 – 1 – B – 10 – 30M000

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

MECHANICAL DRAWING

