

CERAMIC BEAM WELDING SURFACE MOUNT PACKAGE - XCB75 Series

FEATURES

- RoHS Compliant (Pb-Free), Important Low Frequency Range
- AT-cut Crystal, Vacuum Sealed with Excellent Aging, Extended Temperature Range
- Industry Standard Footprint, Compact Size (7 x 5 mm) with 1.3 mm Height Maximum
- Excellent Solderability

SPECIFICATIONS

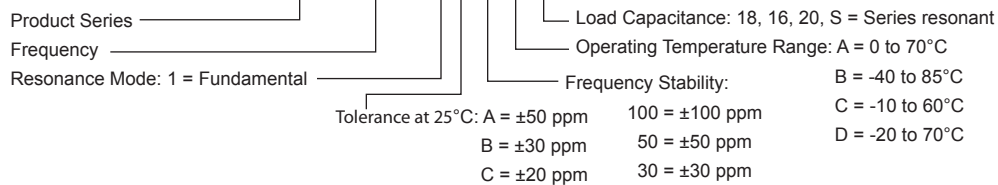
Frequency Range 4 MHz to 15 MHz
Resonance Mode 1 = Fundamental

Calibration Tolerance @25°C A = ±50 ppm; B = ±30 ppm; C = ±20 ppm; D = ±15 ppm; E = ±10 ppm
Frequency Stability Ref @25°C 50 = ±50 ppm; 25 = ±25 ppm; 10 = ±10 ppm; 5 = ±5 ppm
Temperature Range A = 0°C to 70°C; B = -40°C to 85°C; C = -10°C to 60°C; D = -20°C to 70°C
Standard Frequency Stability 50C = ±50 ppm/-10°C to 60°C

Crystal Aging ±5 ppm / year Maximum
Storage Temperature -40°C to 85°C
Load Capacitance (CL) CL = 7 pF - 32 pF, or S = Series resonant
Shunt Capacitance 5 pF Maximum
Drive Level 0.1 mW Maximum

Creating a Part Number

XCB75- 4M000-1 A 50 C 18 -options



Equivalent Series Resistance

Frequency (MHz)	Mode	Max ESR (Ohms)
4.000 - 4.999	Fund	200
5.000 - 5.999	Fund	150
6.000 - 6.999	Fund	120
7.000 - 8.999	Fund	100
9.000 - 12.999	Fund	80
13.000 - 15.000	Fund	50

OUTLINE DRAWING

