

## VXE6 Miniature Surface Mount Crystals

**Package Options** E6 = 8 x 4.6 x 1.8 mm tall 2 pads

**Frequency Range** 10.0 MHz to 90 MHz

**Standard Frequencies** See [Standard Frequency Table](#)

**Mode**  
 1 = Fundamental (10 to 40 MHz)  
 3 = 3<sup>rd</sup> Overtone (40 to 90 MHz)

**Stability Options**  
 A = ±100 PPM -20°C to +70°C  
 B = ±50 PPM -20°C to +70°C  
 C = ±100 PPM -40°C to +85°C  
 D = ±50 PPM -40°C to +85°C  
 F = ±30 PPM -20°C to +70°C

**Load Capacitance** 0 = Series Resonant  
 1 = 16 pF  
 2 = 20 pF  
 3 = 32 pF  
 4 = 18 pF  
 5 = 10 pF  
 6 = 30 pF

**STD Calibration Tolerance** ±50 PPM at +25°C  
 Tolerances to ±10 PPM are available

**Equivalent Series Resistance** 120Ω Maximum

**Shunt Capacitance** 7 pF Maximum

**Drive Level** 100 uW

**Crystal Aging** <5 ppm/1<sup>st</sup> year

**Standard Packaging** Tape and Reel (1000 pc minimum)

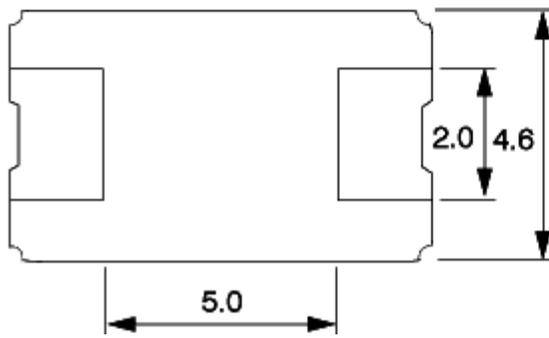
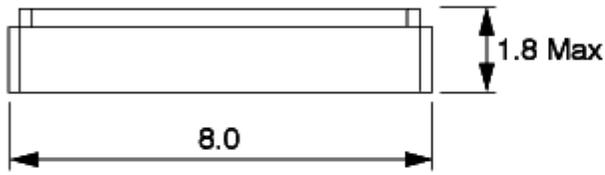
**Typical P/N** **VXE6-1B2-20M000**

E6 = 8 x 4.6 x 1.8 mm tall 2 pads  
 1 = Fundamental Mode  
 B = ±50 PPM -20°C to +70°C  
 2 = 18 pF load capacitance

[Generate your own part number!](#)

We welcome your custom requests and will issue a custom part number for items that are not listed.





Dimensions in mm.