

VXE2 Ultra Miniature Surface Mount Crystals

Package Options E2 = 6 x 3.5 x 1.1 mm tall 4 pads

Frequency Range 12 MHz to 100 MHz

Standard Frequencies See [Standard Frequency Table](#)

Mode
 1 = Fundamental (12 to 40 MHz)
 3 = 3rd Overtone (40 to 100 MHz)

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

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

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

Equivalent Series Resistance 80Ω Maximum

Shunt Capacitance 7 pF Maximum

Drive Level 10 to 100 uW

Crystal Aging <5 ppm/1st year

Standard Packaging Tape and Reel (1000 pc minimum)

Typical P/N **VXE2-1B2-20M000**

E2 = 6 x 3.5 x 1.1 mm tall 4 pads

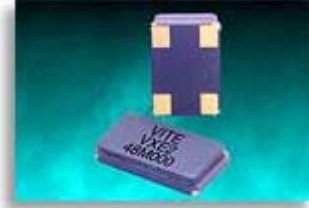
1 = Fundamental Mode

B = ±50 PPM -20°C to +70°C

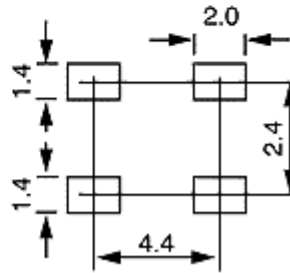
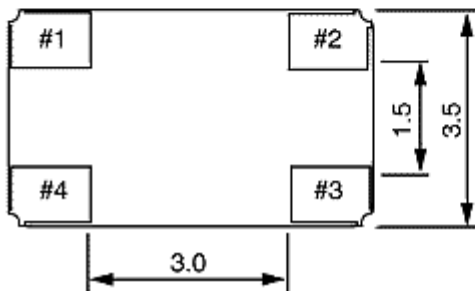
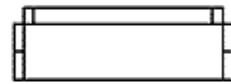
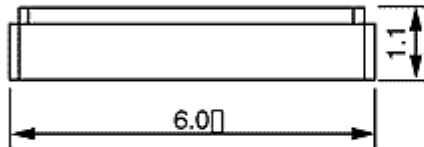
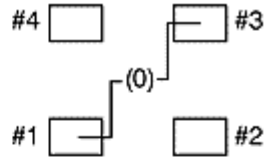
2 = 20 pF load capacitance

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



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Dimensions in mm.