

## VXE6 Miniature Surface Mount Crystals

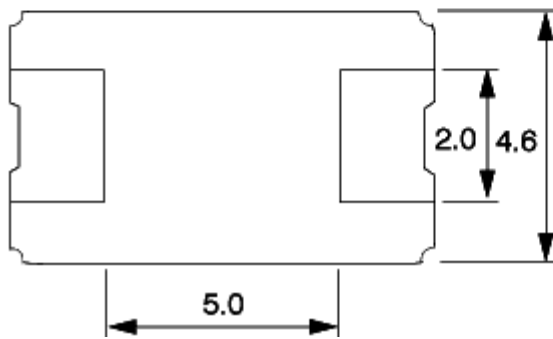
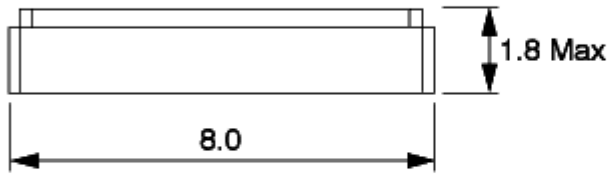
<b>Package Options</b>	<b>E6</b> = 8 x 4.6 x 1.8 mm tall 2 pads
<b>Frequency Range</b>	10.0 MHz to 90 MHz
<b>Standard Frequencies</b>	See <a href="#">Standard Frequency Table</a>
<b>Mode</b>	1 = Fundamental (10 to 40 MHz) 3 = 3 <sup>rd</sup> Overtone (40 to 90 MHz)
<b>Stability Options</b>	<b>A</b> = ±100 PPM -20°C to +70°C <b>B</b> = ±50 PPM -20°C to +70°C <b>C</b> = ±100 PPM -40°C to +85°C <b>D</b> = ±50 PPM -40°C to +85°C <b>F</b> = ±30 PPM -20°C to +70°C
<b>Load Capacitance</b>	0 = Series Resonant 1 = 16 pF 2 = 20 pF 3 = 32 pF 4 = 18 pF 5 = 10 pF 6 = 30 pF
<b>STD Calibration Tolerance</b>	±50 PPM at +25°C Tolerances to ±10 PPM are available
<b>Equivalent Series Resistance</b>	120Ω Maximum
<b>Shunt Capacitance</b>	7 pF Maximum
<b>Drive Level</b>	100 uW
<b>Crystal Aging</b>	<5 ppm/1 <sup>st</sup> year
<b>Standard Packaging</b>	Tape and Reel (1000 pc minimum)
<b>Typical P/N</b>	<b>VXE6-1B2-20M000</b>



**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

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Dimensions in mm.