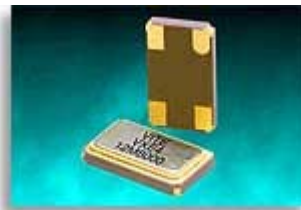


## VXE4 Surface Mount Crystals

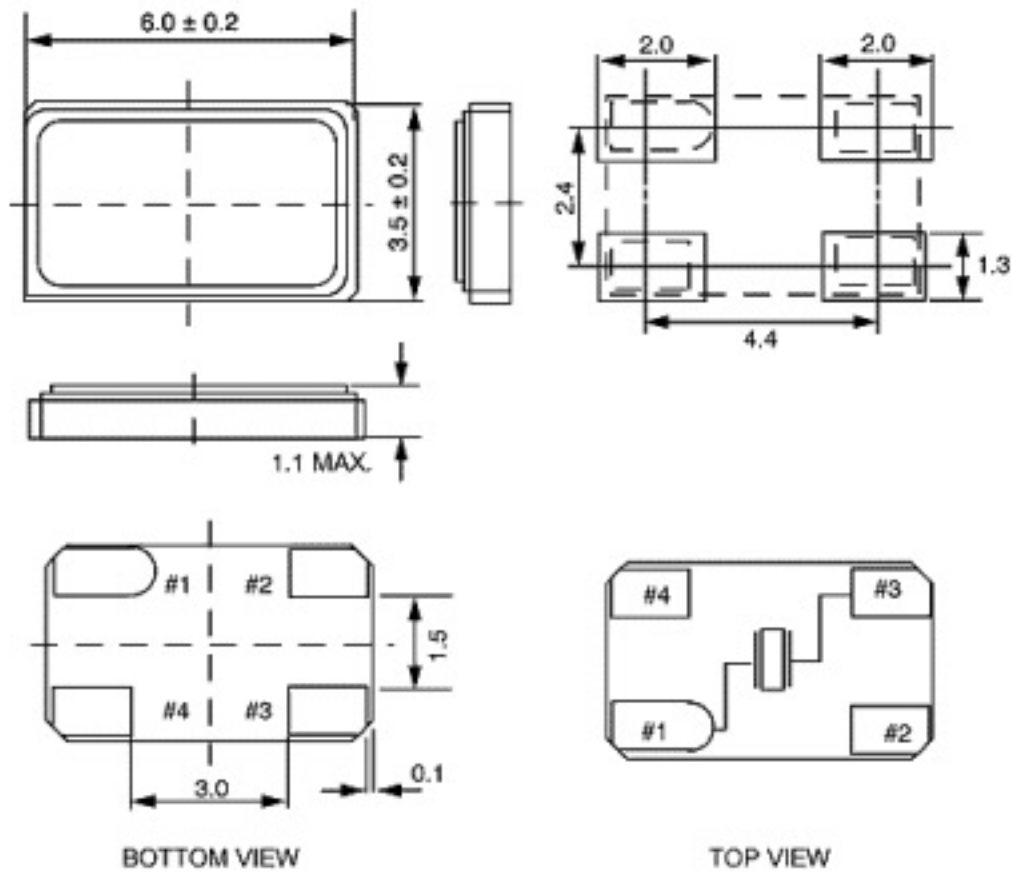
<b>Package Options</b>	<b>E4</b> = 6 x 3.5 x 1.1 mm tall 4 pads
<b>Frequency Range</b>	9.68MHz to 100MHz
<b>Standard Frequencies</b>	9.68MHz, 12.8MHz, 13.0MHz, 14.4MHz, 16.8MHz, 19.2MHz
<b>Mode</b>	<b>1</b> = Fundamental (9.68 to 40 MHz) <b>3</b> = 3 <sup>rd</sup> Overtone (40 to 100 MHz)
<b>Stability 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>E</b> = ±25 PPM -20°C to +70°C <b>G</b> = ±10 PPM -20°C to +70°C <b>H</b> = ±5 PPM -10°C to +60°C
<b>Load Capacitance</b>	<b>0</b> = Series Resonant <b>1</b> = 16 pF <b>2</b> = 20 pF <b>4</b> = 18 pF <b>5</b> = 10 pF <b>6</b> = 30 pF
<b>Calibration Tolerance</b>	±25 PPM at + 25°C
<b>Equivalent Series Resistance</b>	<60 Ohms
<b>Shunt Capacitance</b>	7 pF Maximum
<b>Drive Level</b>	10 to 100 uW
<b>Aging</b>	<5 ppm/1 <sup>st</sup> year at +25°C
<b>Typical P/N</b>	<b>VXE4-3B2-56M448</b>



**V** = VITE  
**X** = Crystal  
**E4** = 6.0 x 3.5 x 1.1 mm package  
**3** = 3<sup>rd</sup> Overtone  
**B** = ±50 PPM  
**2** = 20 pF load

[Generate your own part number!](#)

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



#4 = GROUND □ □      #3 = CRYSTAL  
 #1 = CRYSTAL □ □      #2 = GROUND

Dimensions in mm.