
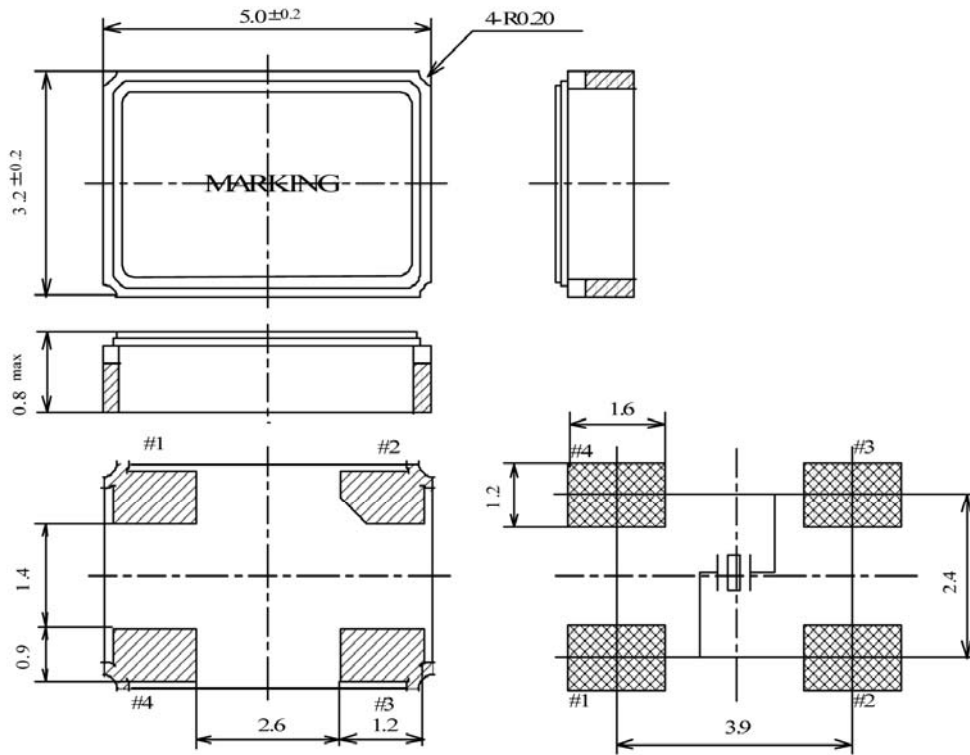


## VXM5 Ultra Miniature SMD Crystals



Product is compliant to RoHS directive   
and fully compatible with lead free assembly

<b>Package:</b>	5.0 x 3.2 x 0.8 mm tall 4 pads
<b>Frequency Range:</b>	13.0 to 50 MHz
<b>Mode:</b>	1 = Fundamental
<b>Stability:</b>	<b>A</b> = $\pm 100$ PPM - 20°C to + 70°C <b>B</b> = $\pm 50$ PPM -20°C to + 70°C <b>C</b> = $\pm 100$ PPM - 40°C to + 85°C <b>D</b> = $\pm 50$ PPM - 40°C to + 85°C <b>E</b> = $\pm 25$ PPM - 20°C to + 70°C <b>F</b> = $\pm 30$ PPM -20°C to + 70°C
<b>Load Capacitance (CL):</b>	<b>0</b> = Series Resonant <b>1</b> = 16 pF <b>2</b> = 20 pF <b>3</b> = 32 pF <b>4</b> = 18 pF <b>5</b> = 10 pF <b>6</b> = 30 pF
<b>STD Calibration Tolerance:</b>	$\pm 10$ ppm at +25C
<b>ESR:</b>	30 ohms Max. > 18 MHz, 20 ohms Max. > 50 MHz
<b>Shunt Capacitance (Co):</b>	7 pF Maximum
<b>Drive Level:</b>	50 uW Typical
<b>Aging:</b>	$\pm 1.0$ PPM Maximum/ year
<b>Reflow:</b>	$\pm 1.0$ PPM Maximum
<b>Standard Packaging:</b>	Tape & Reel (1000 pcs minimum)
<b>Typical P/N:</b>	<b>VXM5-1B2-24M000</b>
	<b>M5</b> = 5.0 x 3.2 x 0.8 mm 4 pads <b>1</b> = Fundamental Mode <b>B</b> = $\pm 50$ PPM -20°C to + 70°C <b>2</b> = 20 pF load



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Rev3, 3/26/2007