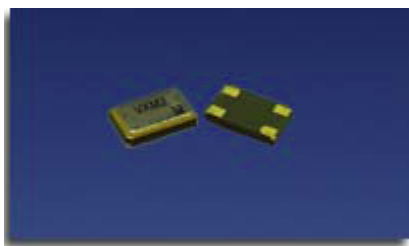


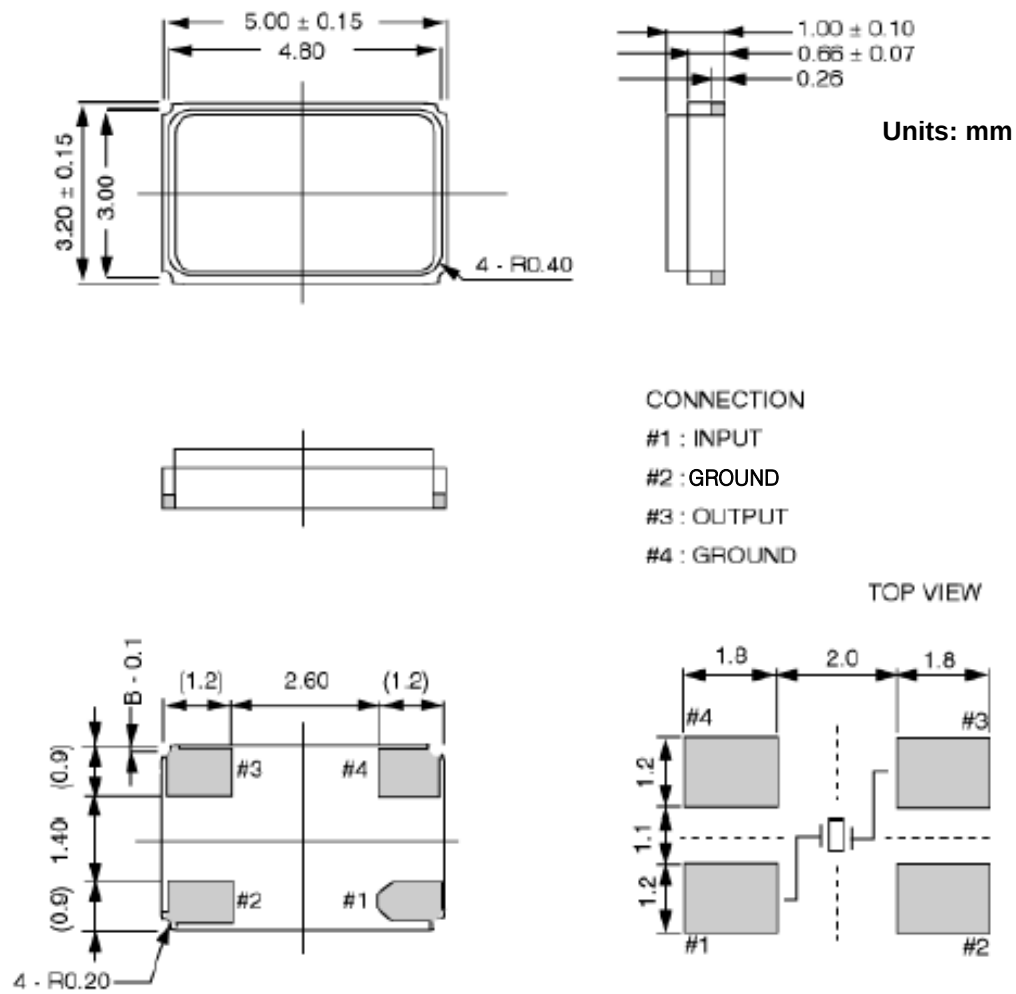
VXM2 Ultra Miniature SMD Crystals



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

Package:	5.0 x 3.2 x 1.0 mm 4 pads
Frequency Range:	8 MHz to 150 MHz
Mode:	1 = Fundamental (8 to 50 MHz) 3 = 3 rd Overtone (40 to 150 MHz)
Stability:	A = ± 100 PPM from - 20°C to + 70°C B = ± 50 PPM from - 20°C to + 70°C C = ± 100 PPM from - 40°C to + 85°C D = ± 50 PPM from - 40°C to + 85°C E = ± 25 PPM from - 20°C to + 70°C F = ± 30 PPM from - 20°C to + 70°C M = ± 10 PPM from - 10°C to + 60°C N = ± 15 PPM from - 30°C to + 85°C
Load Capacitance (CL):	0 = Series Resonant 1 = 16 pF 2 = 20 pF 3 = 32 pF 4 = 18 pF 5 = 10 pF 6 = 30 pF
STD Calibration Tolerance:	± 10 ppm to ± 100 ppm at +25 $\pm 3^\circ\text{C}$
ESR:	100 Ohms Max. : 8.000MHz~9.999MHz 80 Ohms Max. : 10.000MHz~11.999MHz 60 Ohms Max. : 12.000MHz~15.999MHz 50 Ohms Max. : 16.000MHz~19.999MHz 40 Ohms Max. : 20.000MHz~23.999MHz 30 Ohms Max. : 24.000MHz~50.000MHz 80 Ohms Max. : 40.000MHz~150.000MHz (3 rd Overtone)
Shunt Capacitance (Co):	5 pF Maximum
Drive Level:	10 to 100 uW
Aging:	± 3 PPM/ year Maximum
Standard Packaging:	Tape and Reel (1000 pcs minimum)
Typical P/N:	VXM2-1B2-16M000 M2 = 5.0 x 3.2 x 1.0 mm 4 pads 1 = Fundamental Mode B = ± 50 PPM -20°C to + 70°C 2 = 20 pF load

Package Drawing



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



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