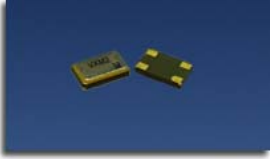

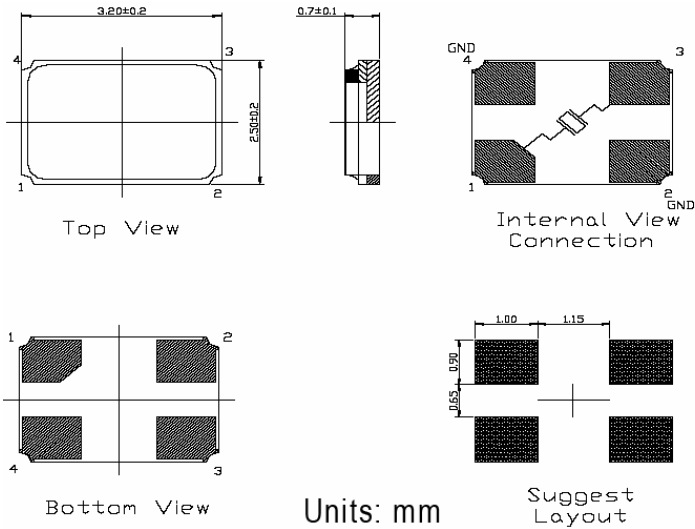


VXM7 Ultra Miniature SMD Crystals



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

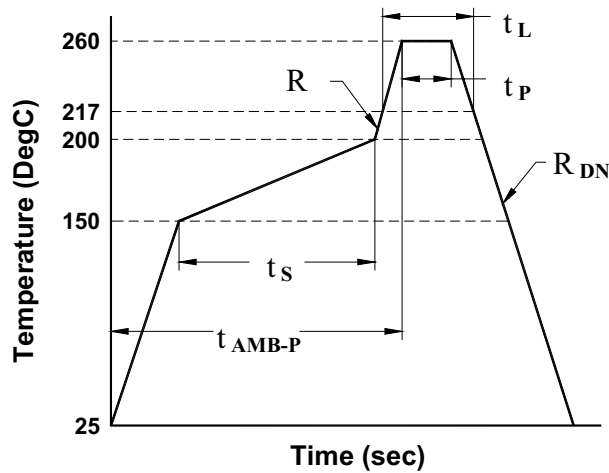
Package:	3.2 x 2.5 x 0.6 mm 4 pads
Frequency Range:	16 MHz to 26 MHz
Mode:	1 = Fundamental
Stability:	A = ± 100 PPM from - 20°C to + 70°C B = ± 50 PPM from - 20°C to + 70°C C = ± 100 PPM from - 40°C to + 85°C D = ± 50 PPM from - 40°C to + 85°C E = ± 25 PPM from - 20°C to + 70°C F = ± 30 PPM from - 20°C to + 70°C
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 at +25 \pm 3°C
ESR:	100 Ohms Maximum
Shunt Capacitance (Co):	7 pF Maximum
Drive Level:	10 to 100 uW
Aging:	± 1 PPM/ year
Standard Packaging:	Tape and Reel (1000 pcs minimum)
Typical P/N:	VXM7-1B2-16M000 M7 = 3.2 x 2.5 x 0.6 mm 4 pads 1 = Fundamental Mode B = ± 50 PPM -20°C to + 70°C 2 = 20 pF load



Pads are gold over nickel and compatible with either PbSn or Pb free attachment

MSL: 1

Reflow Profile (IPC/JEDEC J-STD-020)		
Parameter	Symbol	Value
PreHeat Time	t_S	60 sec Min, 180 sec Max
Ramp Up	R_{UP}	3 °C/sec Max
Time Above 217 °C	t_L	60 sec Min, 150 sec Max
Time To Peak Temperature	t_{AMB-P}	480 sec Max
Time At 260 °C	t_P	20 sec Min, 40 sec Max
Ramp Down	R_{DN}	6 °C/sec Max



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