

VXM1 Ultra Miniature SMD Crystals

Package:	5.0 x 3.2 x 1.3 mm tall 2 pads
Frequency Range:	12.0 to 60 MHz
Mode:	1 = Fundamental
Stability:	A = ± 100 PPM - 20°C to + 70°C B = ± 50 PPM - 20°C to + 70°C C = ± 100 PPM - 40°C to + 85°C D = ± 50 PPM - 40°C to + 85°C E = ± 25 PPM - 20°C to + 70°C F = ± 30 PPM - 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:	± 30 ppm at +25C
ESR:	150 ~ Max. for 10 to 12 MHz, 100 ~ Max. for 12 to 16 MHz 70 ~ Max. for 16 to 30 MHz, 50 ~ Max. 30 to 60 MHz
Shunt Capacitance Co:	7 pF Maximum
Drive Level:	10 to 100 uW
Storage Temperature:	-40C to +85C
Standard Packaging:	Tape & Reel (1000 pcs minimum)
Typical P/N:	VXM1-1 B2-28M224 M1 = 5 x 3.2 x 1.3 mm 2 pads 1 = Fundamental Mode B = ± 50 PPM -20°C to + 70°C 2 = 20 pF load

