

VXE1 Resistance Welded Crystal

The VXE1 features a fully hermetic resistance weld seam which offers superior protection against humidity and other environmental factors than plastic package devices. The crystal is mated to a plastic leadframe that matches the pin connections of popular plastic packaged crystals.

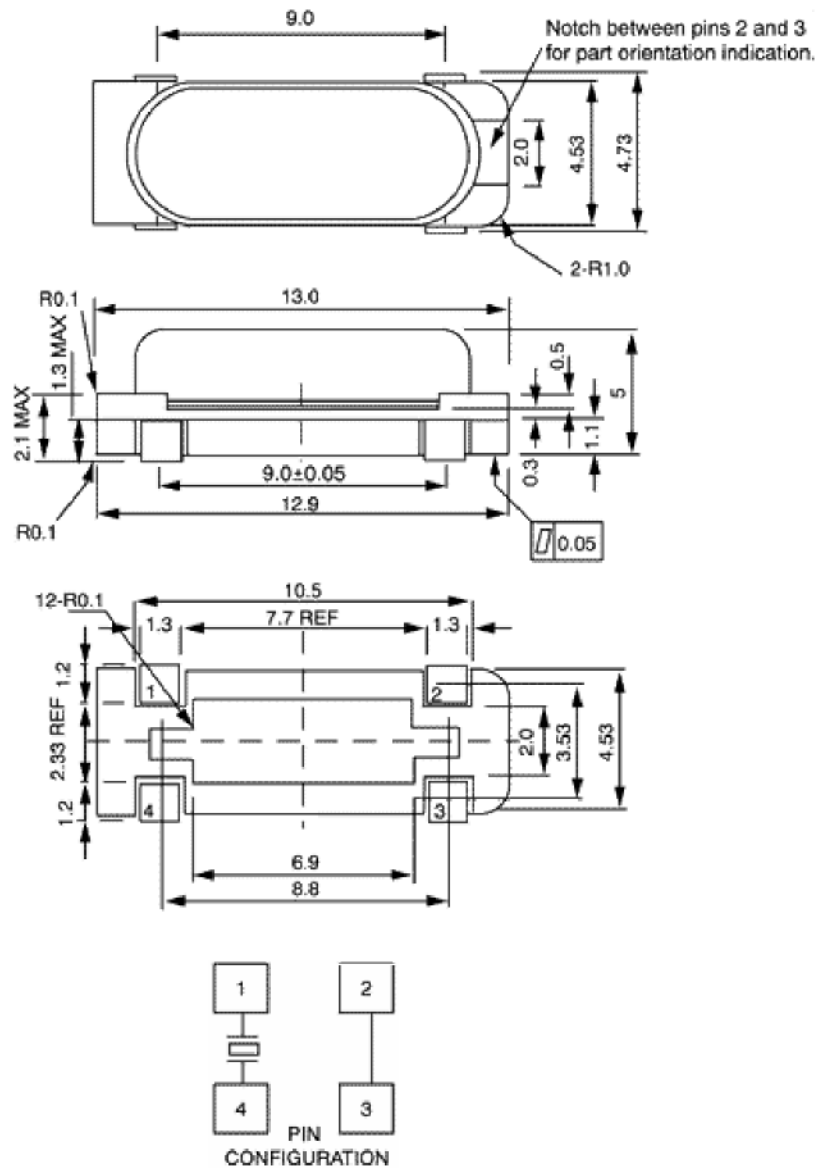


Package Options	E1 = 13 x 4.7 x 5 mm tall
Frequency Range	10 MHz to 100 MHz
Standard Frequencies	See Standard Frequency Table
Mode	1 = Fundamental (10 to 40 MHz) 3 = 3 rd Overtone (40 to 100 MHz)
Stability Options	A = ±100 PPM -20°C to +70°C B = ±50 PPM -20°C to +70°C C = ±100 PPM -40°C to +85°C D = ±50 PPM -40°C to +85°C E = ±25 PPM -20°C to +70°C
Load Capacitance	0 = Series Resonant 1 = 16 pF 2 = 20 pF 3 = 32 pF 4 = 18 pF 5 = 10 pF 6 = 30 pF
STD Calibration Tolerance	±25 PPM at +25°C Tolerances to ±10 PPM are available
Equivalent Series Resistance	See ESR Table II
Shunt Capacitance	7 pF Maximum
Drive Level Crystal	10 to 100 uW
Aging Standard	<5 ppm/1 st year
Packaging Typical	Tape and Reel (1000 pc minimum)
P/N	VXE1-1B2-16M384

E1 = 13 x 4.7 x 5 mm tall package
1 = Fundamental Mode
B = ±50 PPM -20°C to +70°C
2 = 20 pF load capacitance

[Generate your own part number!](#)

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



Dimensions in mm.