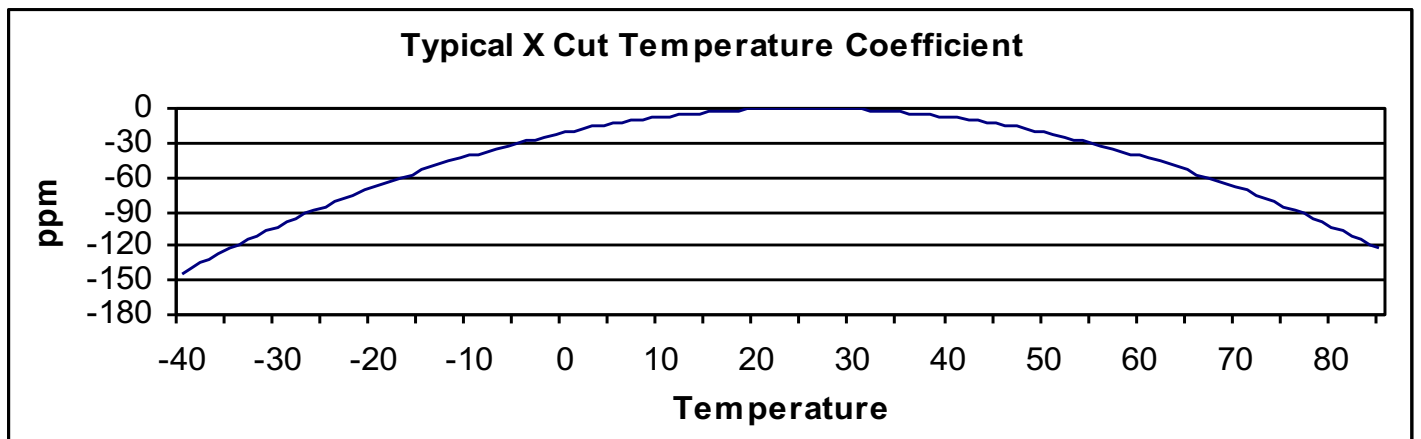
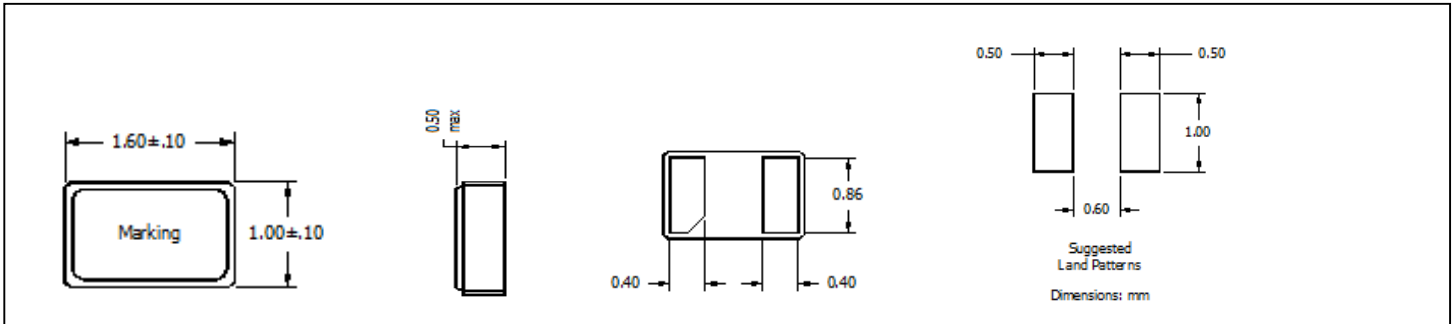


QV3T Series

SMD Crystal, 2 Pads, 1.6x1.0x0.5mm

Frequency	32.768 KHz
ESR (Equivalent Series Resistance)	90 kΩ Max
Shunt Capacitance (C0)	2.0 pF Max.
Motional Capacitance (CI)	6.5pF Typ.
Frequency Tolerance @ 25° C ±5°C	±20 ppm Standard
Frequency Stability over Temperature	Parabolic -0.045 ppm / ° C ² Typ. Turnover point +25° ±5°C See Graph Below
Crystal Cut	X-Cut
Load Capacitance	12.5 pF Standard (see table below)
Drive Level	0.1 μW typ, 0.5 μW max
Aging	±3 ppm Max. / Year Standard
Temperature	
Operating	-40° C to +85° C Standard
Storage	-55° C to +125° C Standard

Part Number Guide		Sample Part Number: QV3T-7XEF12.5 - 32.768				
Package	Stability (ppm) at Room Temperature	Stability (ppm) over Operating Temperature	Operating Temperature Range	Ode (overtone)	Load Capacitance (pF)	Frequency
QV3T-	7 = ±20 ppm	X = X Cut	E = -40°C to +85°C	F = Fundamental	12.5 pF (Standard) 9.0 pF or 7.0 pF	- 32.768 KHz



QVS TECH INC