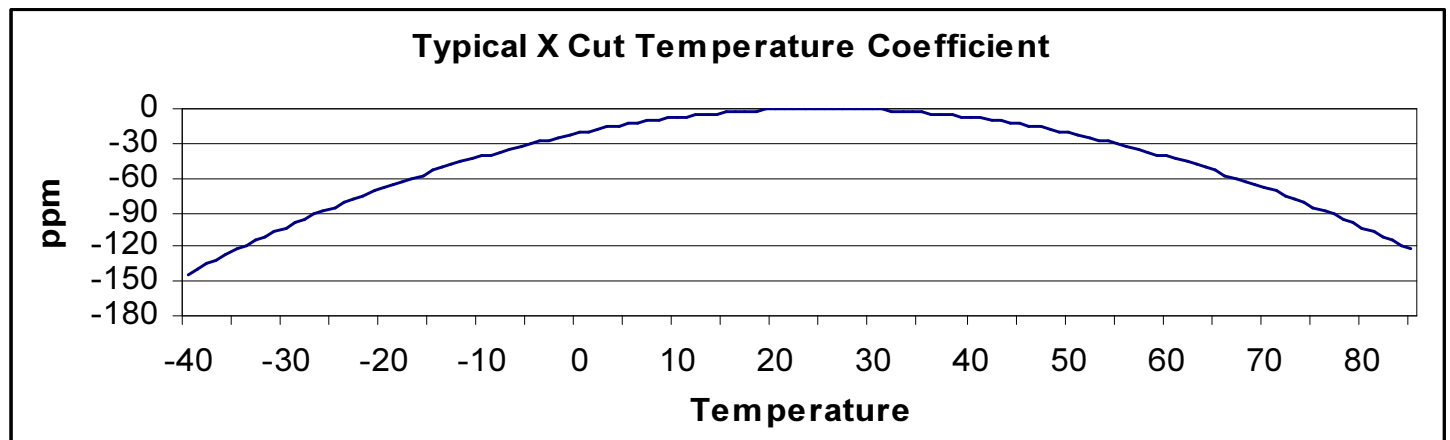
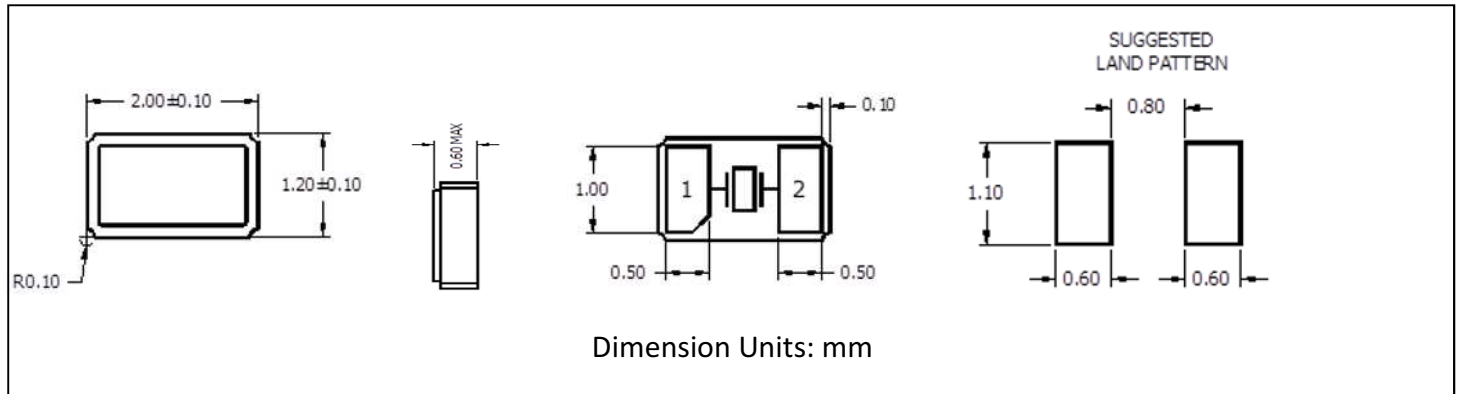


Frequency	32.768 KHz
ESR (Equivalent Series Resistance)	Less than 90 kΩ
Shunt Capacitance (C0)	1.3pF Typ.
Motional Capacitance (C1)	6.5 fF Typ.
Frequency Tolerance @ 25° C ±5°C	±20 ppm Standard
Frequency Stability over Temperature	Parabolic -0.034 ppm / ° C ² Typ. Turnover point +25° ±5°C See Graph Below
Crystal Cut	X-Cut
Load Capacitance	12.5 pF Standard
Temperature	
Operating	-40° C to +85° C Standard
Storage	-55° C to +125° C Standard

Part Number Guide Sample Part Number: QV3S-7XEF12.5 – 32.768 KHz

Package	Stability (ppm) at Room Temperature	Stability (ppm) over Operating Temperature	Operating Temperature Range	Ode (overtone)	Load Capacitance (pF)	Frequency
QV3S -	7 = ±20 ppm	X = X Cut	E = -40°C to +85°C	F = Fundamental	12.5 pF Standard	- 32.768 KHz



QVS TECH INC

6965 El Camino Real, Ste 105 Carlsbad, CA 92009 Phone: 760-929-8677 Fax: 760-929-8077

email: sales@qvstech.com Rev A

Specifications subject to change without notice