



QCT70 Series

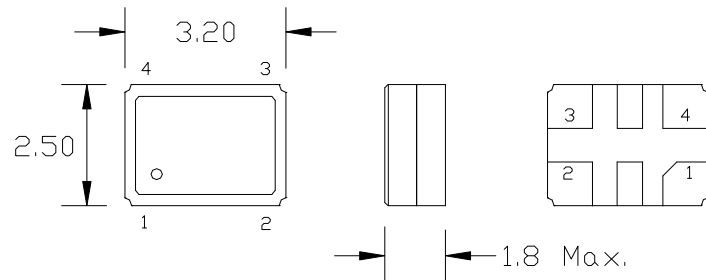
3.2 mm x 2.5 mm SMD TCXO, Clipped Sine Wave

Frequency	12.000 MHz to 27.000 MHz
Output Level	Clipped Sine Wave
Level	0.8 V p-p Min.
Output Load	20K Ohms / 10 pF
Frequency Stability	See Frequency Stability Table
Frequency Stability at +25° C	± 1 ppm
Aging	± 1 ppm / Year Max.
Supply Voltage	See Supply Voltage Table, tolerance ±5 %
Current	2 mA Max.
Slope	Positive
Temperature	
Operating	See Operating Temperature Table
Storage	-40° C to +85° C
Package Information	MSL = N.A., Termination = e4

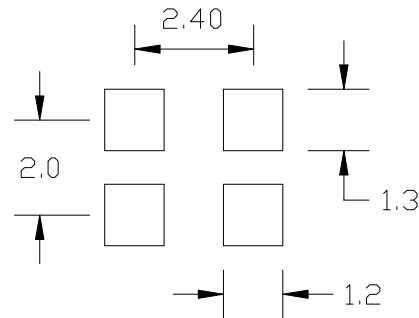
Part Number Guide Sample Part Number: QCT70 - AT3 - 26.000				
Package and Output	Operating Temperature	Frequency Stability vs. Temperature	Supply Voltage	Frequency
QCT70 -	F = 0° C to +50° C	**S = ±1.5 ppm	3 = 3.3 VDC	26.000 MHz
	A = 0° C to +70° C	**T = ±2.0 ppm	4 = 3.0 VDC	
	C = -20° C to +70° C	U = ±2.5 ppm	2 = 2.7 VDC	
	E = -40° C to +85° C	V = ±3.0 ppm	1 = 1.8 VDC	
		Z = ±5.0 ppm		

NOTE: A 0.01 µF bypass capacitor is recommended between Vcc (pin 4) and Gnd (pin 2) to minimize power supply noise.

** Not available for all temperature ranges.



Pin	Connection
1	Vcontrol / N.C.
2	GND
3	Output
4	Vcc



Dimension Units: mm

QVS TECH INC

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

email: sales@qvstech.com

Specifications subject to change without notice (Rev B)