

QCTV80 Series

SMD TCVCXO, 2.5 mm x 2.0 mm, Clipped Sine Wave

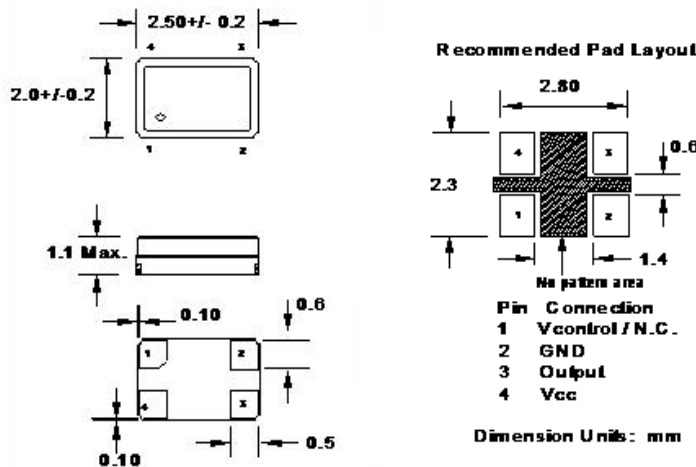
Frequency	16.000 MHz to 40.000 MHz
Output Level	Clipped Sine Wave
Level	0.8 V p-p Min.
Output Load	10K Ohms / 10 pF
Frequency Tolerance@+25°C	± 2 ppm Max.
Frequency Stability:	
Vs. Temperature	See Stability vs. Temperature Table
Vs. Voltage	± 0.2 ppm Max.
Vs. Load (5%)	± 0.2 ppm Max.
Aging	± 1 ppm / 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
Harmonics	-8.0 dBc Max.
Phase Noise	-130 dBc/Hz @ 1KHz
Package Information	MSL = N.A., Termination = e4
Voltage Control	1.5VDC, ± 1.0VDC, ± 5.00 ppm Min.

Part Number Guide Sample Part Number: QCTV80 – LQ4 - 26.000

Package and Output	Operating Temperature	Frequency Stability vs. Temperature	Supply Voltage	Frequency
QCTV80	F = 0° C to +50° C	**Q = ±0.5 ppm	4 = 3.0 VDC	26.000 MHz
	A = 0° C to +70° C	**T = ±2.0 ppm	7 = 2.8 VDC	
	C = -20° C to +70° C	U = ±2.5 ppm	6 = 2.7 VDC	
	L = -30° C to +85° C	V = ±3.0 ppm		
	E = -40° C to +85° C	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.



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Specifications subject to change without notice (Rev. A).