

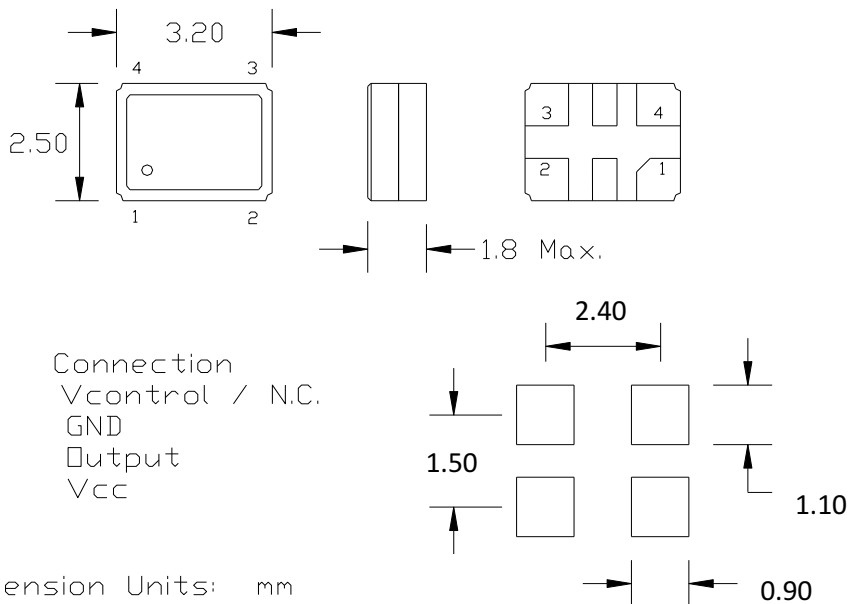
Frequency	8.000MHz to 52.000MHz	
Output Level	Clipped Sine Wave	HCMOS
Level	0.8 V _{p-p} Min	VoL = 0.5V Max., VoH = 0.8 V Min.
Output Load	20KΩ/10 pF ±10%	15pF
Stability		
Frequency vs. Temperature	See Table Below	See Table Below
Frequency vs. Load	±0.2 ppm Max	±0.2 ppm Max
Aging @ 25°C	± 1.0 ppm/year Max	± 1.0 ppm/year Max
Tolerance @ 25°C	±1.0 ppm	±1.0 ppm
Supply Voltage	See Table Below	See Table Below
Current	2.0 mA Max	6.0 mA Max
Temperature		
Operating	See Table Below	See Table Below
Storage	-40°C to +85°C	-40°C to +85°C
Part Number	See Table Below	See Table Below

Part Number Guide Sample Part Number: QCT70 - CV3H – 19.6608

Package and Output	Operating Temperature	Frequency Stability vs. Temp	Supply Voltage	Output Type	Frequency
QCT70 -	F = 0° C to +50° C	*Q = ±0.5 ppm	3 = 3.3 VDC	S = Clipped Sinewave	19.6608MHz
	A = 0° C to +70° C	*R = ±1.0 ppm	4 = 3.0 VDC	H = HCMOS	
	C = -20° C to +70° C	*S = ±1.5 ppm	1 = 2.7 VDC		
	E = -40° C to +85° C	*T = ±2.0 ppm			
	L = -30° C to +85° C	U = ±2.5 ppm			
	B = -10° C to +70° 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 in all operating temperatures ranges.



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Specifications subject to change without notice (Rev. G)