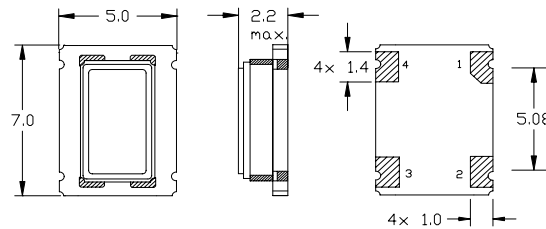


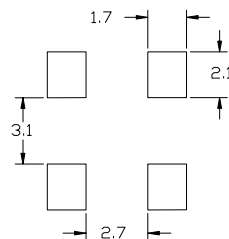
Frequency	10.000MHz to 27.000MHz	
Output Level	Clipped Sine Wave	HCMOS
Level	0.8 Vp-p Min	VoL = 0.5V Max., VoH = 2.64 V Min.
Output Load	10KΩ/10 pF ±10%	15pF
Stability		
Frequency vs. Temperature	±2.5 ppm (standard, see table below)	±2.5 ppm (standard, see table below)
Frequency vs. Load	±0.2 ppm Max	±0.2 ppm Max
Aging @ 25°C	± 0.5 ppm/year Max	± 0.5 ppm/year Max
Tolerance @ 25°C	±1.0 ppm	±1.0 ppm
Supply Voltage	3.3 Vdc ±5% (standard, see table below)	3.3 Vdc ±5% (standard, see table below)
Current	2.0 mA Max @ +3.0 Vdc	2.0 mA Max @ +3.0 Vdc
Temperature		
Operating	-20°C ~ +70°C (standard, see table below)	-20°C ~ +70°C (standard, 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: QCT50 - CU3H - 19.6608			
Package and Output	Operating Temperature	Frequency Stability vs. Temp	Supply Voltage	Output Type	Frequency
QCT50 -	F = 0° C to +50° C	S = ±1.5 ppm	5 = 5.0 VDC	S = Clipped Sinewave	19.6608MHz
	A = 0° C to +70° C	T = ±2.0 ppm	3 = 3.3 VDC	H = HCMOS	
	C = -20° C to +70° C	U = ±2.5 ppm	4 = 3.0 VDC		
	E = -40° C to +85° C	V = ±3.0 ppm	1 = 2.7 VDC		
		Z = ±5.0 ppm	6 = 2.5 VDC		



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

Dimension Units: mm



Suggested Pad Layout

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)