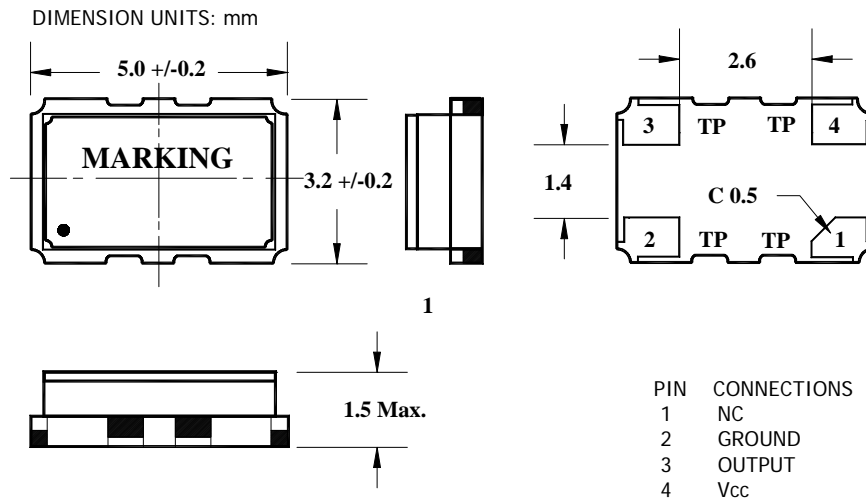


Frequency	8.000MHz to 40.000MHz	
Output Level	Clipped Sine Wave	HCMOS
Level	0.8 V <sub>p-p</sub> Min	V <sub>oL</sub> = 0.5V Max., V <sub>oH</sub> = 2.64 V Min.
Output Load	10KΩ/10 pF ±10%	15pF
Stability		
Frequency vs. Temperature	±2.5 ppm (standard, see table below)	±2.5 ppm (standard, see table below)
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: QCT40 - CU3H – 19.6608

Package and Output	Operating Temperature	Frequency Stability vs. Temp	Supply Voltage	Output Type	Frequency
QCT40 -	F = 0° C to +50° C	*R = ±1.0 ppm	5 = 5.0 VDC	S = Clipped Sinewave H = HCMOS	19.6608MHz
	A = 0° C to +70° C	*S = ±1.5 ppm	3 = 3.3 VDC		
	C = -20° C to +70° C	*T = ±2.0 ppm	4 = 3.0 VDC		
	E = -40° C to +85° C	U = ±2.5 ppm	1 = 2.7 VDC		
		V = ±3.0 ppm	6 = 2.5 VDC		
	Z = ±5.0 ppm				

\*Not available in all operating temperatures ranges.



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Specifications subject to change without notice (Rev. C)