

QCTV55 Series

SMD TCVCXO, 7.0x5.0x2.2mm, Clipped Sine Wave

Frequency	10.000MHz to 27.000MHz
Output Level	Clipped Sine Wave
Level	0.8 V _{p-p} Min
Output Load	10K Ω /10 pF \pm 10%
Stability	
Frequency vs. Temperature	\pm 2.5 ppm (standard, see table below)
Frequency vs. Load	\pm 0.2 ppm Max
Aging @ 25°C	\pm 0.5 ppm/year Max
Tolerance @ 25°C	\pm 1.0 ppm
Supply Voltage	3.3 Vdc \pm 5% (standard, see table below)
Current	2.0 mA Max @ +3.0 Vdc
Frequency Deviation	\pm 5ppm Min from 10% VDC to 90% VDC
Temperature	
Operating	-20°C ~ +75°C (standard, see table below)
Storage	-40°C to +85°C
Part Number	See table below

Part Number Guide		Sample Part Number: QCTV55 - FS3S – 19.6608			
Package and Output	Operating Temperature	Frequency Stability vs. Temp	Supply Voltage	Output Type	Frequency
QCTV55 -	F = 0° C to +50°C	S = \pm 1.5 ppm	5 = 5.0 VDC	S = Clipped Sinewave	19.6608MHz
	A = 0° C to +70°C	T = \pm 2.0 ppm	3 = 3.3 VDC		
	C = -20° C to +70°C	U = \pm 2.5 ppm	4 = 3.0 VDC		
	E = -40° C to +85°C	V = \pm 3.0 ppm	1 = 2.7 VDC		
		Z = \pm 5.0 ppm	6 = 2.5 VDC		

