



## PRODUCTS

## Voltage Controlled Crystal Oscillator (Through Hole)

### Typical Applications:

- Video Decoding
- Wireless Base Station
- VoIP
- Set-top Box

# VC14 (Through Hole VCXO Series)

Part Number: VC14 (Waveform) (ppm) - Temp - Pull - Freq

Example: VC14H50-1080 -100-20.000

### Specification

VC14

Part No.	Example
VC14 (waveform) (ppm)-Temp Range-Pull-Freq	VC14H50-1080-100-20.000

Specification	VC14		
Output Waveform	HCMOS		
Frequency Range	1.0 to 52.0MHz		
Frequency Pullability	±25 to ±150ppm		
Temperature Stability	±15 to ±50ppm		
Operating Temperature Range	-10°C to +70°C / -40°C to +85°C		
Storage Temperature Range	-55°C to +125°C		
Aging	±5ppm/year Max.		
Supply Voltage (Vcc)	+5.0VDC ±5%	+3.3VDC ±5%	
Supply Current	1.000MHz to 23.999MHz	15mA Max	10mA Max
	24.000MHz to 52.000MHz	25mA Max	20mA Max
Symmetry	40/60% or 45/55%		
Output Load	5TTL / 15pF Max		
Rise and Fall Time	10 / 10 nS Max		
Output Voltage	VOL	10% Vcc Max	
	VOH	90% Vcc Min	

OSCILLATOR

### Dimension

(Unit:mm)

