



PRODUCTS

Clock Oscillator (SMD)

Typical Applications:

- Ethernet
- Server & Storage Platform
- Fibre Channel
- W-LAN

C70

(SMD Oscillator Series)

Part Number: C70 (Waveform) (ppm) - Freq - OL - Vcc

Example: C70H50-20.000-15-5.0V

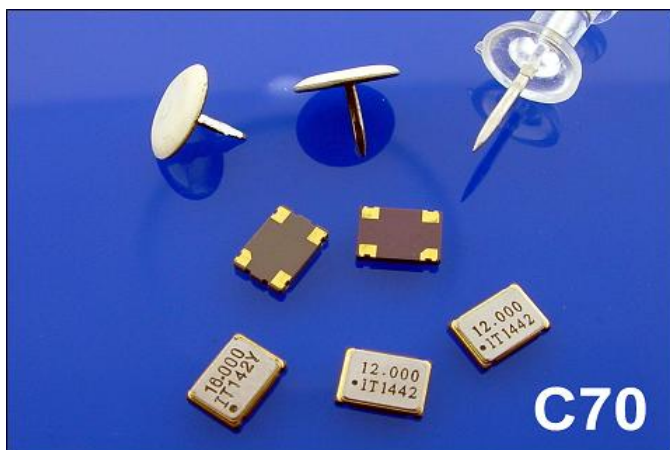
OSCILLATOR

Specification

C70

Part No.	Example
C70 (waveform) (ppm)-Freq-OL-Vcc	C70H50-20.000-15-5.0V

Specification		C70				
Output Waveform		TTL / HCMOS				
Frequency Range		1.0 to 125.0MHz				
Temperature Stability		±20 to ±50ppm				
Operating Temperature Range		0°C to +70°C / -40°C to +85°C				
Storage Temperature Range		-55°C to +125°C				
Aging		±5ppm/year Max.				
Supply Voltage (Vcc)		+ 1.8V DC +/- 10%	+ 2.5V DC +/- 10%	+ 3.3V DC +/- 10%	+ 5.0V DC +/- 10%	
Supply Current	1.0 - 23.9MHz	10mA Max	12mA Max	15mA Max	20mA Max	
	24.0 - 49.9MHz	12mA Max	15mA Max	20mA Max	30mA Max	
	50.0 - 69.0MHz	15mA Max	20mA Max	30mA Max	40mA Max	
	70.0 - 125.0MHz	25mA Max	30mA Max	45mA Max	60mA Max	
Symmetry		40/60% or 45/55%				
Output Load		15pF				
Rise and Fall Time	10% Vcc to 90% Vcc	6nS Max	7nS Max	8nS Max	5nS Max	
	90% Vcc to 10% Vcc	6nS Max	7nS Max	8nS Max	5nS Max	
Output Voltage	VOL	10% Vcc Max				
	VOH	90% Vcc Min				
Tristate Option	Enable	Pin 1 = Hi or Open , Pin 3 active				
	Disable	Pin 1 = Lo , Pin 3 High Z				



Dimension

(Unit: mm)

