



**PRODUCTS**

**Tuning Fork Oscillator (SMD)**

**Typical Applications:**

- Mobile Phone
- Portable PCs
- Digital Camera
- Wireless LAN

# C5K

## (Tuning Fork Oscillator SMD Series)

Part Number: C5K (Waveform) (ppm) - Freq(KHz) - OL - Vcc

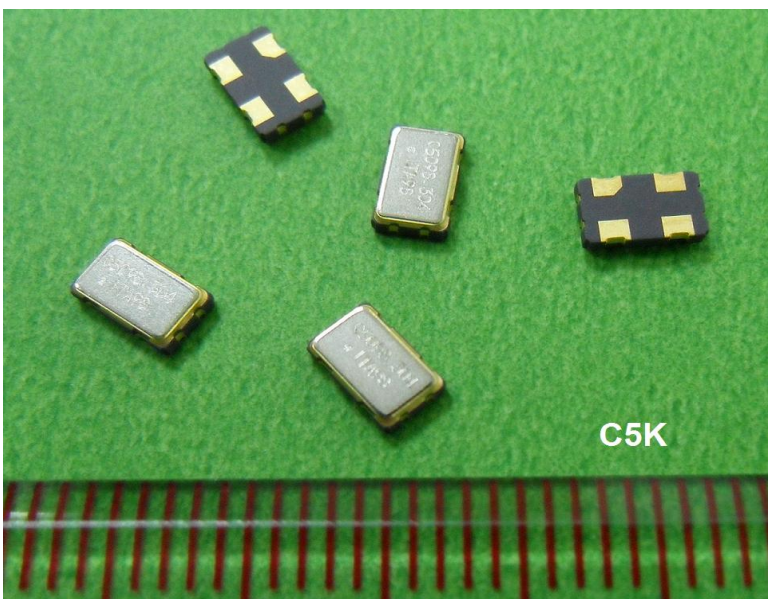
Example: C5KC20-32.768-15-3.0V

■ Specification

C5K

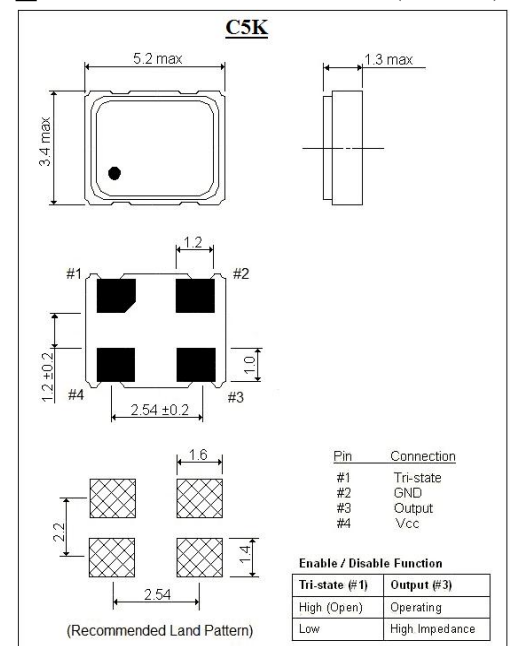
Part No.	Example
C5K (waveform) (ppm)-Freq(KHz)-OL-Vcc	C5KC20-32.768-15-3.0V

Specification	C5K		
Output Waveform	CMOS		
Frequency Range	32.768KHz		
Temperature Stability	±20 to ±100ppm		
Operating Temperature Range	0 °C to +70 °C / -40 °C to +85 °C		
Storage Temperature Range	-55 °C to +125 °C		
Aging	±3ppm/year Max.		
Supply Voltage (Vcc)	1.8V DC ±5%	3.0V DC ±5%	3.3V DC ±5%
Supply Current	2.0mA Max	2.0mA Max	1.0mA Max
Symmetry	40 / 60% ( at 50% Vcc ) ; 45 / 55% available		
Output Load	15pF		
Rise and Fall Time	200nS 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)



TUNING FORK OSCILLATOR