



**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) - CL - Vcc

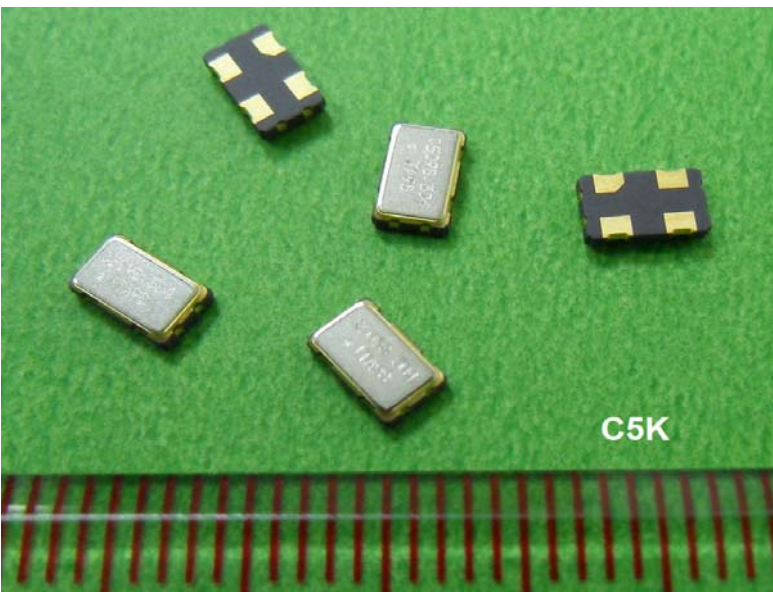
Example: C5KC20-32.768-15-3.0V

**Specification**

**C5K**

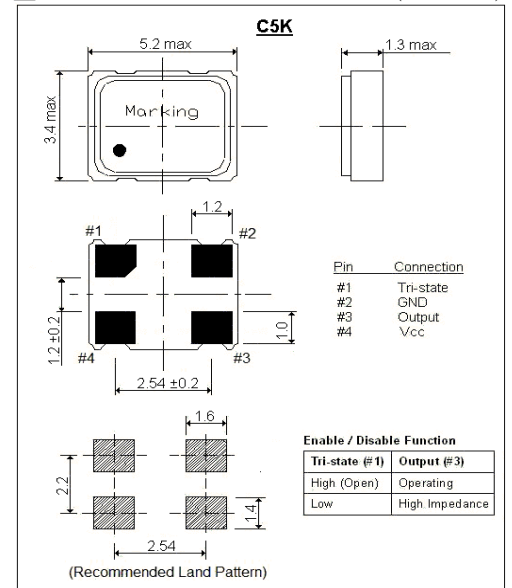
Part No.	Example
C5K (waveform) (ppm)-Freq(KHz)-CL-Vcc	C5KC20-32.768-15-3.0V

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)	3.0V DC ±5%	
Supply Current	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