



PRODUCTS

Tuning Fork Oscillator (SMD)

Typical Applications:

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

C2K

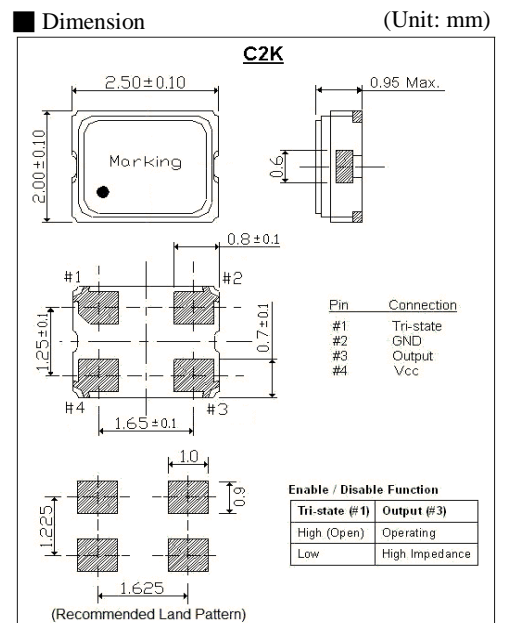
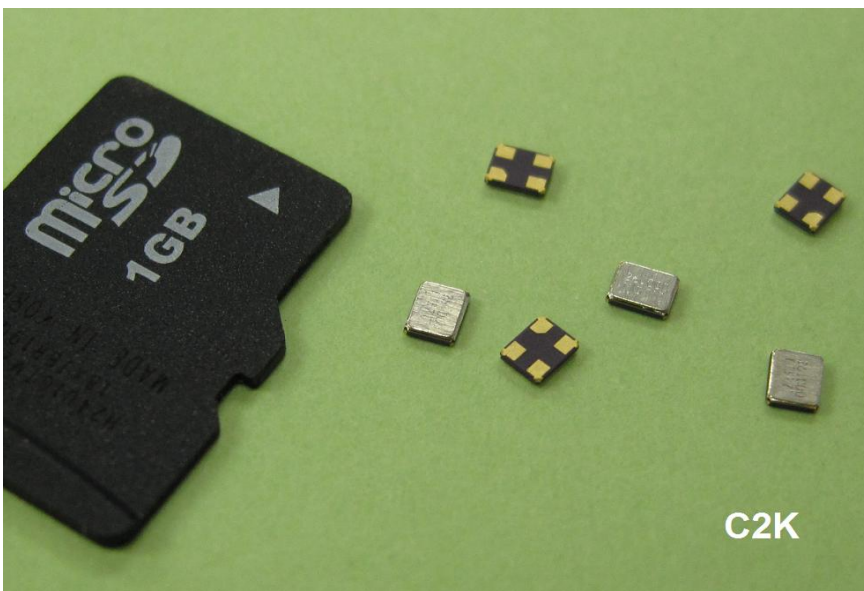
(Tuning Fork Oscillator SMD Series)

Part Number: C2K (Waveform) (ppm) - Freq(KHz) - OL - Vcc

Example: C2KC20-32.768-15-3.3V

Specification	C2K
Part No.	Example
C2K (waveform) (ppm)-Freq(KHz)-OL-Vcc	C2KC20-32.768-15-3.3V

Specification	C2K		
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%	2.5V DC ±5%	3.3V DC ±5%
Supply Current	1.5mA Max	2.5mA Max	3.5mA Max
Symmetry	40 / 60% (at 50% Vcc) ; 45 / 55% available		
Output Load	15pF		
Rise and Fall Time	50nS 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	



TUNING FORK OSCILLATOR