



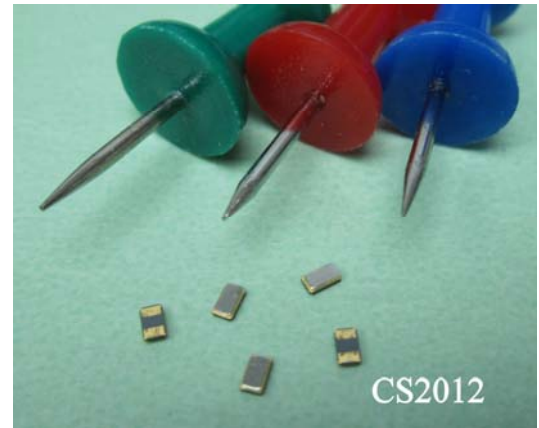
PRODUCTS

Tuning Fork Crystal (SMD)

Typical Application:

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

CS2012
(SMD Tuning Fork Series)
 Part Number: CS2012-Freq-CL-TR
 Example: CS2012-32.768KHz-12.5-TR



■ Specification		CS2012
Part No.	Example	Size
CS2012-Freq-CL-TR	CS2012-32.768KHz-12.5-TR	2.0 x 1.2 mm

Specification	CS2012
Frequency Range	32.768KHz / 32 to 200KHz
Tolerance at 25°C	±10 to ±50ppm
Turnover Temperature	+25 ± 5°C
Temperature Coefficient	(-0.04 max.) x 10 ⁻⁶ /°C ²
Load Capacitance	9 to 12.5pF
ESR	90KΩ Max.
Aging (First Year)	±3ppm Max.
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Drive Level	1μW Max.

■ Dimension (Unit: mm)

