



**PRODUCTS**

**Tuning Fork Crystal (SMD)**

**Typical Applications:**

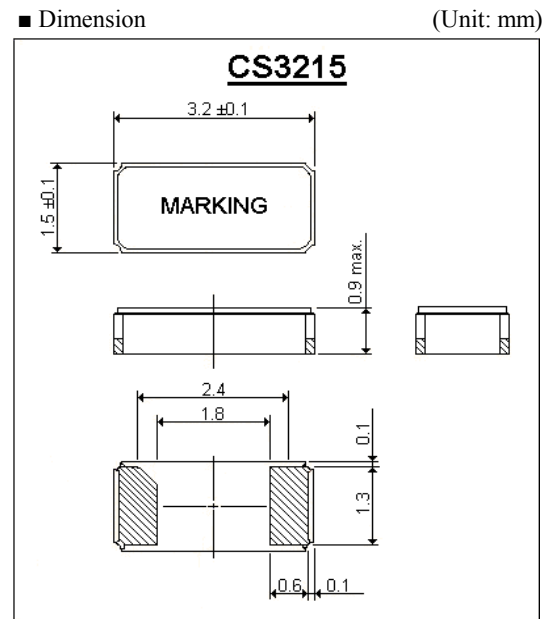
- Mobile Phone
- Digital Camera
- Portable PCs
- Wireless LAN

**CS3215**  
**(SMD Tuning Fork Series)**  
 Part Number: CS3215-Freq-CL-TR  
 Example: CS3215-32.768KHz-12.5-TR



■ Specification		CS3215
Part No.	Example	Size
CS3215-Freq-CL-TR	CS3215-32.768KHz-12.5-TR	3.2 x 1.5 mm

Specification	CS3215
Frequency Range	32.768KHz
Tolerance at 25 °C	±20 to ±50ppm
Turnover Temperature	+25 °C
Temperature Coefficient	$(-0.035 \pm 0.01) \times 10^{-6} / ^\circ\text{C}^2$
Load Capacitance	9 to 12.5pF
ESR	80KΩ Max.
Aging (First Year)	±3ppm Max.
Operating Temperature Range	-40 °C to +85 °C
Storage Temperature Range	-55 °C to +125 °C
Drive Level	1μW Max.



**TUNING FORKS**