



PRODUCTS

Tuning Fork Crystal (SMD)

Typical Applications:

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

CS2

(SMD Tuning Fork Series)

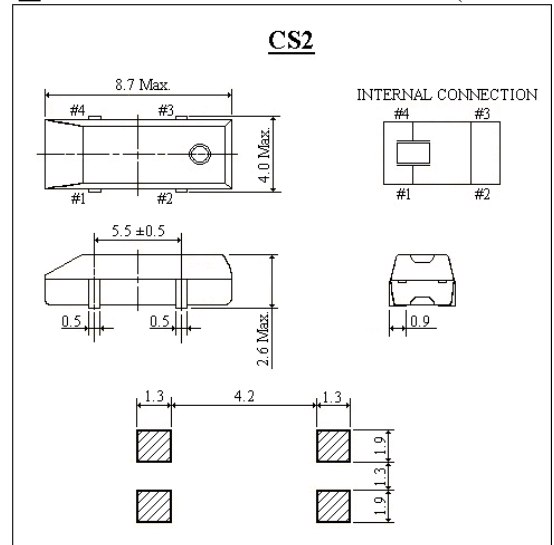
Part Number: CS2-Freq-CL-TR
Example: CS2-32.768KHz-12.5-TR



Specification		CS2
Part No.	Example	Size
CS2-Freq-CL-TR	CS2-32.768KHz-12.5-TR	8.7 x 4.0 mm

Specification	CS2
Frequency Range	32.768KHz / 32 to 200KHz
Tolerance at 25 °C	±10 to ±50ppm
Turnover Temperature	+25 °C
Temperature Coefficient	$(-0.035 \pm 0.01) \times 10^{-6} / ^\circ\text{C}^2$
Load Capacitance	6 to 12.5pF
ESR	50KΩ 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.

Dimension (Unit: mm)



TUNING FORKS