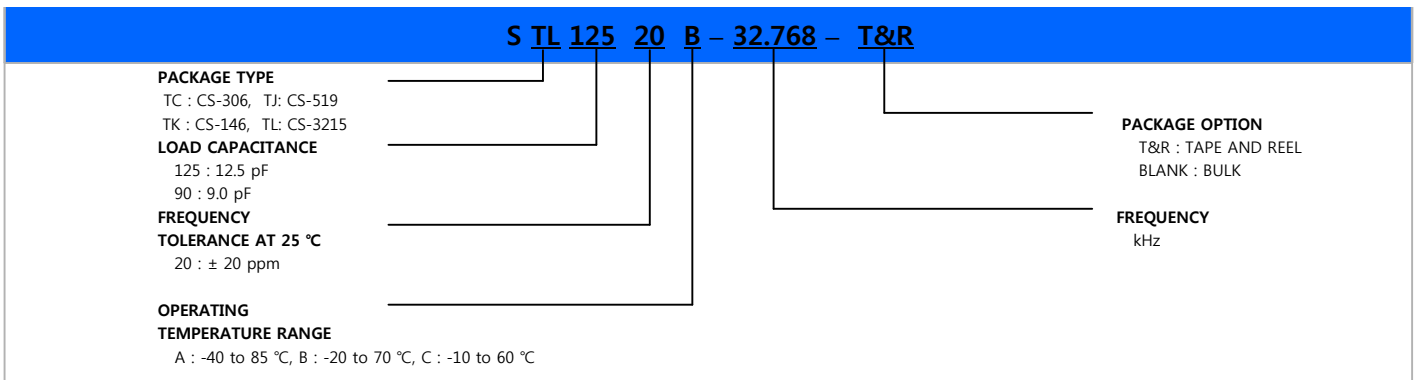


TUNING FORK CS-3215

- Tuning Fork Crystal with Ceramic Packaged Type
- High-density SMD Type
- Ultra-light Weight with Ultra-miniature Packaging
- High stability Assured with Tight Vacuum Sealing
- Most Appropriate for Portable Devices and Mobile Telecommunications Devices



■ PART NUMBERING GUIDE



■ ELECTRICAL SPECIFICATIONS

Nominal Frequency	32.768 kHz
Frequency Tolerance (at 25 °C)	±20 ppm
Load Capacitance (CL)	9.0 pF, 12.5 pF
Operating Temperature Range	-40 to +85 °C
Storage Temperature Range	-55 to +125 °C
Turnover Temperature	25 °C ± 5 °C
Temperature Coefficient	-0.04 ppm/ °C ²
Motional (series) resistance	70 KΩ
Drive Level	1 μW Max.
Aging (at 25°C)	±3 ppm/year Max.
Shunt Capacitance (C0)	1.3 pF Typical

■ MECHANICAL DIMENSIONS (mm)

■ LAND PATTERN (mm)

