

CRYSTAL UNIT



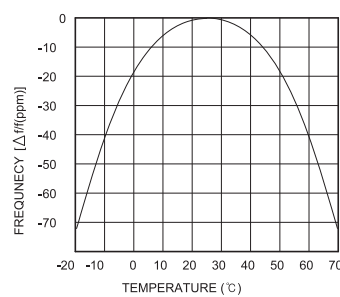
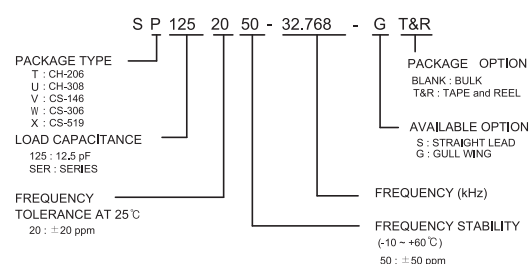
TUNING FORK CS-306

- Photolithography finished allows uniform stable performance
- Excellent shock resistance and environmental capability
- Low power consumption
- Suitable for time-keeping of clock and micro computer

ELECTRICAL SPECIFICATIONS

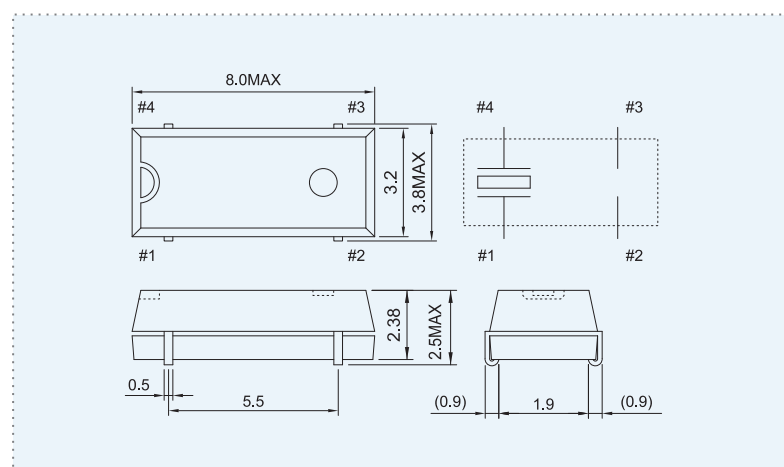
Frequency Range	32.768kHz, 75.000kHz
Operating Temperature Range	-10 to +60°C (STD), -40 to +85°C
Storage Temperature Range	-55 to +125°C
Frequency Tolerance (at 25°C)	±20(STD), ±50ppm
Peak Temperature (frequency)	25 ±5°C
Temperature Coefficient(a)	-0.04ppm/°C ² max.
Load Capacitance(CL)	6pF, 12.5pF(STD)
Drive Level	1.0μW max.
Series Resistance(R1)	50kΩ max(32.768kHz), 30kΩ max(75kHz)
Motional Capacitance(C1)	1.8~4.2fF
Shunt Capacitance(Co)	0.9~2.0pF
Insulation Resistance	500MΩ min. at 100V _{DC}
Aging (at 25°C)	±3.0ppm/year max.

PART NUMBERING GUIDE



MECHANICAL DIMENSIONS

(mm)



LAND PATTERN

(mm)

