

CRYSTAL UNIT

CH-206



CH-308



TUNING FORK TYPE

CH-206, CH-308, CS-206, 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)
Storage Temperature Range	-20 to +70°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	1.0mW max.
Series Resistance(R1)	50kΩ max(32.768kHz), 30kΩ(75kHz)
Motional Capacitance(C1)	1.8~4.2fF
Shunt Capacitance(Co)	0.9~2.0pF
Insulation Resistance	500MΩ min.
Aging (at 25°C)	±3.0ppm/year max.

PART NUMBERING GUIDE

PACKAGE TYPE

P: CH-206
Q: CH-308
R: CS-306
S: CS-406

LOAD CAPACITANCE

125: 12.5pF
SER: SERIES

FREQUENCY TOLERANCE AT 25°C

20: ±20ppm

PACKAGE OPTION

BLANK: BULK
TSR: TAPE and REEL

AVAILABLE OPTION

S: STRAIGHT LEAD
G: GULL WING

FREQUENCY (kHz)

125: 12.5pF
50: ±50ppm

FREQUENCY STABILITY (-10 ~ +60°C)

20: ±20ppm
50: ±50ppm

S P 125 20 50 - 32.768 - G T&R

MECHANICAL DIMENSIONS

CH-206

CH-308

CS-206

CS-306

LAND PATTERN