

TUNING FORK CH-308



- 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
Frequency Stability	-0.04ppm/(change in °C) ² max. Parabolic
Load Capacitance (CL)	6pF, 12.5pF (STD)
Drive Level	1.0 μW 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

PACKAGE TYPE

- T : CH-208
- U : CH-308
- V : CS-146
- W : CS-308
- X : CS-519

LOAD CAPACITANCE

- 125 : 12.5 pF
- 60 : 6.0 pF

FREQUENCY TOLERANCE AT 25 °C

- 20 : ±20 ppm

PACKAGE OPTION

- BLANK : BULK
- T&R : TAPE and REEL

AVAILABLE OPTION

- S : STRAIGHT LEAD
- G : GULL WING

FREQUENCY (kHz)

OPERATING TEMPERATURE RANGE

- A = -10 TO +60

PARABOLIC TEMPERATURE CURVE

MECHANICAL DIMENSIONS

(mm)

