

TUNING FORK

CS-306

- Molding a Heat Resistant Cylinder with Resin
- Most Appropriate for Clock source for Portable Equipment with Low Power Consumption



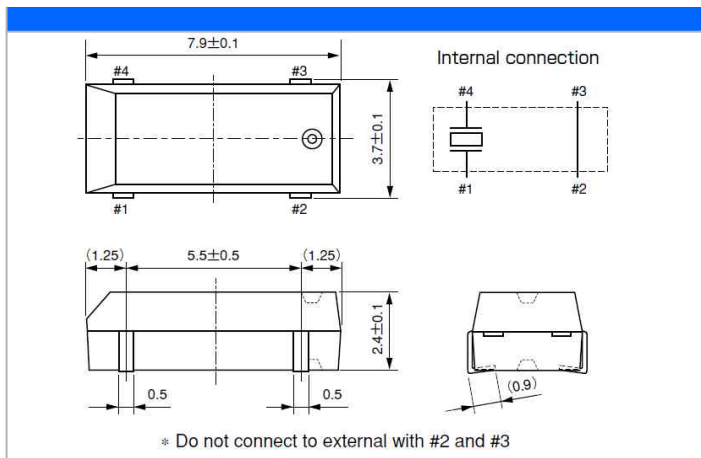
■ PART NUMBERING GUIDE

S TC 125 20 B - 32.768 - T&R			
PACKAGE TYPE TC : CS-306, TJ: CS-519 TK : CS-146, TL: CS-3215			
LOAD CAPACITANCE 125 : 12.5 pF			
FREQUENCY TOLERANCE AT 25 °C 20 : ± 20 ppm			
OPERATING TEMPERATURE RANGE A : -40 to 85 °C, B : -20 to 70 °C, C : -10 to 60 °C			
			PACKAGE OPTION T&R : TAPE AND REEL BLANK : BULK
			FREQUENCY kHz

■ ELECTRICAL SPECIFICATIONS

Nominal Frequency	32.768 kHz
Frequency Tolerance (at 25 °C)	±20 ppm
Load Capacitance (CL)	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	50 KΩ
Drive Level	1 μW Max.
Aging (at 25 °C)	±3 ppm/year Max.
Shunt Capacitance (C0)	1.35 pF Typical

■ MECHANICAL DIMENSIONS (mm)



■ LAND PATTERN (mm)

