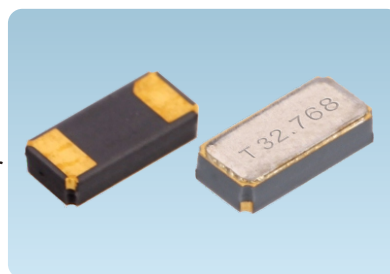


RoHS compliance

TD3.TD4 Type

3.2x1.5x0.9mm typ

4.1x1.5x0.9mm typ



Feature

- Ultra miniature and lightweight SMD tuning fork crystal resonator a low profile of 0.75 mm
- A ceramic package providing high precision and reliability.

Specifications

Item	Type	TD3.TD4-Type
Frequency Range		32.768KHz
Load Capacitance		6pF,12.5pF
Drive Level		0.2μW(1.0μW max.)
Frequency Tolerance		$\pm 5 \times 10^{-6}$, $\pm 10 \times 10^{-6}$, $\pm 20 \times 10^{-6}$ (at 25°C)
Series Resistance		80KΩ max.
Turnover Temperature		25°C±5°C
Parabolic Coefficient		$-0.04 \times 10^{-6}/^{\circ}\text{C}^2$ max
Operating Temperature Range		-20~+70°C, -40~+85°C
Storage Temperature Range		-55~+125°C
Shunt Capacitance		1.3pF Typ.
Reliability		AEC-Q200-REV.C

Outline Drawing(mm)

[TOP VIEW]

[BOTTOM VIEW]

Type	R	W	S
TD3	3.2	1.7	2.5
TD4	4.1	2.7	3.4

[SIDE VIEW]

Reference land pattern

Frequency Stability Vs. Temperature Range

Temp.(°C)	Ppm	±100	Over±150
-20~+70		✓	✓
-40~+85		×	✓

✓ Available + Conditional × Not Available