

## TD8<sub>Type</sub>



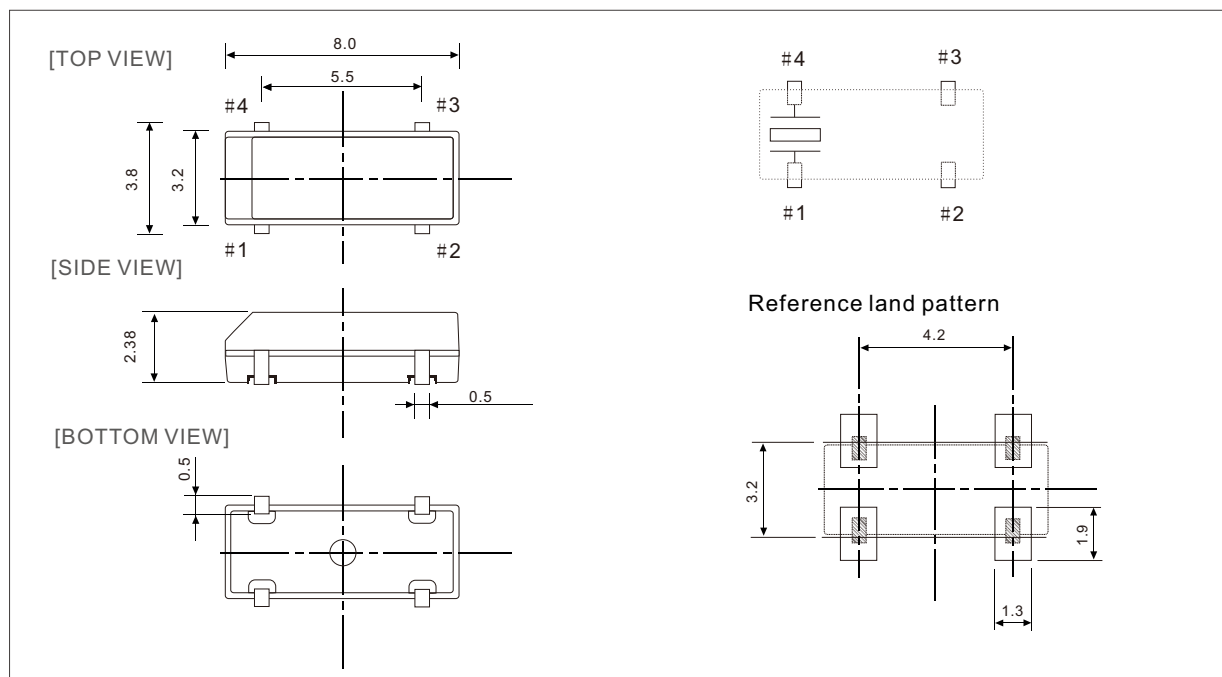
### Feature

- 32.768KHz (20KHz to 165KHz).
- 2.54 mm Max.
- Fundamental/Overtone(307.2KHz).
- Clock and Microcomputer.

### Specifications

Item	Type	TD8-Type
Frequency Range		32.768KHz
Load Capacitance		6pF to ∞(standard:12.5pF)
Drive Level		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		50KΩ max.
Turnover Temperature		25°C±5°C
Parabolic Coefficient		-0.04x10 <sup>-6</sup> /°C <sup>2</sup> 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)



### Frequency Stability Vs. Temperature Range

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

✓ Available + Conditional × Not Available

Q.C  
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