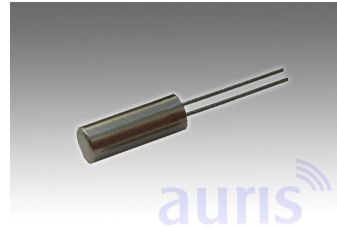


## Features THT-Tun. Fork

- Excellent for clock frequency
- Tuning fork reliability
- Thru-hole package
- Low cost

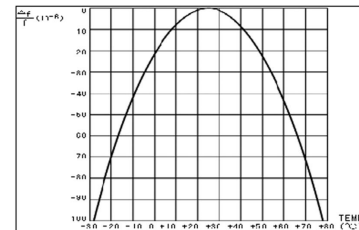
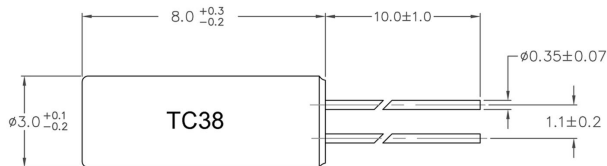


## TC38

### Specification

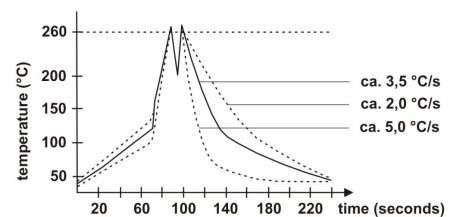
Type	TC38	ESR max.
Frequency Range fundamental	32,768kHz	32,768kHz = 35 kOhm
Frequency Range optional	30,000kHz - 200,000kHz	
Frequency Tolerance at 25°C±5°C	standard ±20ppm; available ±10ppm ~ ±50ppm	
Temperature Range	-10°C ~ +60°C, or order code	
Load Capacitance CL	standard 12,5pF; available 6pF, 10pF	
Shunt Capacitance C0	1,5pF typ.	
Aging	±5ppm/year max.	
Storage Temperature	-40°C - +85°C	Temp. Coefficient at 25°C± 5°C (ppm)
Drive Level	1μW max.	-0.034ppm±0.006ppm / °C <sup>2</sup>
RoHS	compliant	
Contents Of Bag	1000 pcs	

### Drawing (mm)



### Tape dimensions (mm)

### Soldering profile



### Order code

Q	- 32.768000K	- TC38	- 20	- B	- 12.5
Part	Frequency	Package	Frequency tolerance	Temperature range	Load capacitance
Q=Quartz	K=kHz	TC38	±ppm (25°C)	B= -10°C ~ +60°C D= -20°C ~ +70°C E= -40°C ~ +85°C	12,5 pF 10 pF 6 pF