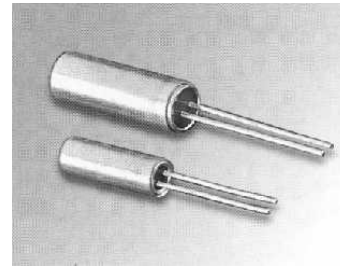


Features:

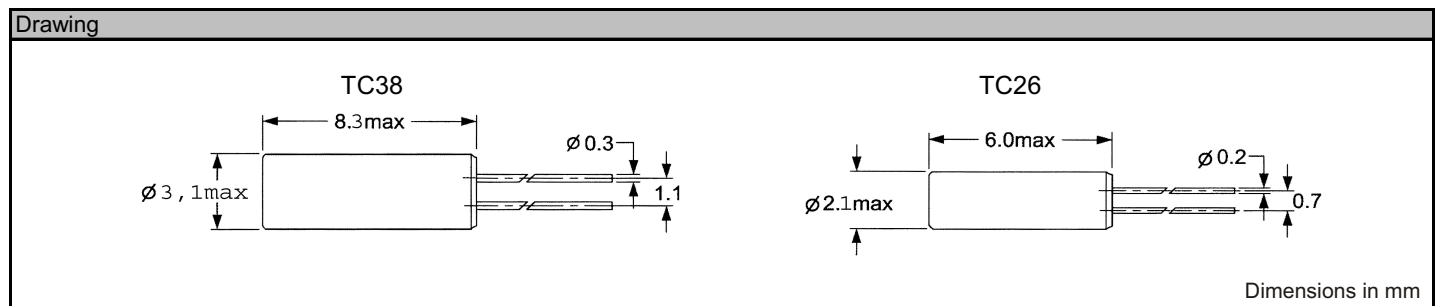
- Small size
- Tuning fork reliability
- Thru-hole package
- Wide frequency range



TC38
TC26

Specifications					
		Symbol	TC-38	TC-26	Remarks
Frequency range		f	32.768kHz		Standard
			20kHz ~ 200kHz		Available
Frequency tolerance, Ta=25°C		f/f	± 20ppm ~ ± 50ppm		Others are offered
Load capacitance		C _L	6pF ~ 12.5pF		Please specify
Temp. coefficient		A	-0,04 x 10 ⁻⁶ / °C ²		Max
Temperature range	Storage temp.	T _{STG}	-30°C ~ +85°C		Others are offered
	Operating temp.	T _{OPR}	-10°C ~ +60°C		Standard, others are offered
Drive level	Maximum drive level	M _{DL}	1µW		
	Recommended drive level	R _{DL}	-		
Series resistance		R ₁	35kOhm max	50kOhm max	As per table (25°C)
Shunt capacitance		C ₀	5pF		Max
Insulation resistance		I _R	500M Ohm		
Aging		f _A	± 5ppm/Year		Max

Resistance of series resonance (ESR)					
Frequency	Mode	Ohm max	Frequency	Mode	Ohm max
30kHz ≤ f < 40kHz	Fundamental	50k	60kHz ≤ f < 70kHz	Fundamental	25k
40kHz ≤ f < 60kHz	Fundamental	30k	70kHz ≤ f < 200kHz	Fundamental	22k



Order key					
Part	Frequency	Package	Frequency tolerance	Temperature range	Load capacitance
Q=Quartz	K=kHz	TC38 TC26	+/-ppm (25°C)	A= 0°C ~ 70°C B=-10°C ~ 60°C C=-10°C ~ 70°C D=-20°C ~ 70°C E=-40°C ~ 85°C	pF

Remarks: All specifications subject to change without notice!