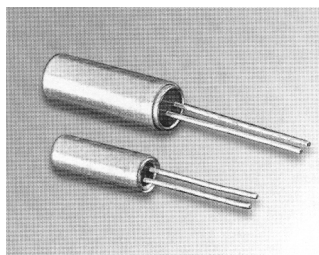


Features/Merkmale

- Small Size
- Tuning Fork Reliability
- Thru-hole Package
- Wide Frequency Range

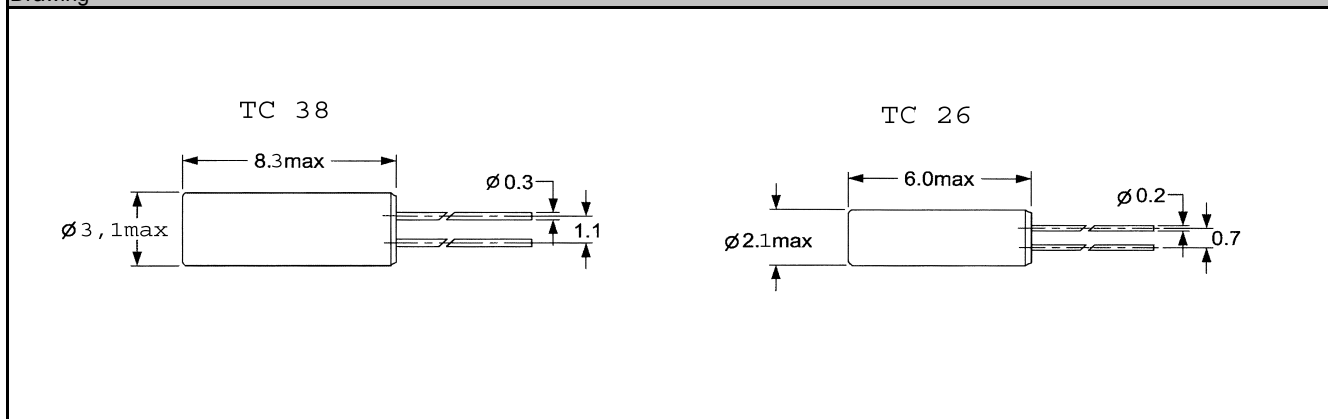


TC38 TC26

Specifications				
	Symbol	TC38	TC26	Remarks
Frequency range	f	32,768kHz	32,768kHz	Standard
	f	30kHz - 170kHz		Available
Frequency tolerance (std.), Ta=25°C	$\Delta f/f$	$\pm 20\text{ppm}$, $\pm 50\text{PPM}$		Others are offered
Load capacitance	CL	12,5pF		Available 6pf - ∞
Temperature Tolerance (std.)	$\Delta f/f$	-		
Temperature range	Storage Temperature	TSTG	-20°C - +70°C	
	Operating Temperature	TOPR	-10°C - +60°C	Standard
Drive Level	Maximum drive level	MDL	1 μ W max	
	Recommended drive level	RDL	-	
Series resistance	R1	35K Ω max	50K Ω max	As Per Table
Shunt capacitance	C0	1,3pF $\pm$ 0,3pF		
Insulation resistance	IR	500M Ω		
Aging	$\Delta f/A$	$\pm 5\text{PPM/Year}$		max

Resistance of series Resonance (ESR)					
Frequency (MHz)	Mode	Ohm max	Frequency (MHz)	Mode	Ohm max
30kHz $\leq$ f < 40kHz	Fundamental	50k	70kHz $\leq$ f < 120kHz	Fundamental	15k
40kHz $\leq$ f < 60kHz	Fundamental	30k	120kHz $\leq$ f < 170kHz	Fundamental	12k
60kHz $\leq$ f < 70kHz	Fundamental	20k			

Drawing



Dimensions in mm

Remarks:

All specifications subject to change without notice.