

FEATURES

- Compact 1.2φ tubular package.
- Photolithographic process.
- Excellent shock resistance and environmental characteristics.
- RoHS compliant (complete Pb-free).

APPLICATIONS

- Radio Controlled clocks and watches.

STANDARD SPECIFICATIONS

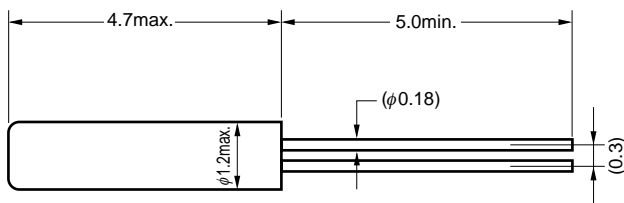
Conditions without notice (Temperature: +25±2°C, DL: 0.1μW)

Item	Symbol	Specifications		Conditions / Notes
Nominal Frequency	f_nom	40.0kHz	60.0kHz to 77.5kHz	
Frequency Tolerance	f_tol	±20 x 10 ⁻⁶ , ±50 x 10 ⁻⁶		
Turnover Temperature	Ti	+25±8°C		
Parabolic Coefficient	B	(-3.5±1.0)x10 ⁻⁸ /°C ²		
Load Capacitance	CL	Series or 10pF		
Motional Resistance (ESR)	R1 max.	65kΩ	50kΩ	
Absolute Maximum Drive Level	DLmax	1μW		
Level of Drive	DL	0.1μW		
Shunt Capacitance	C0	0.7pF to 0.8pF		
Frequency Ageing	f_age	±10 x 10 ⁻⁶		+25±3°C, First Year
Operating Temperature	T_use	-20°C to +60°C		
Storage Temperature	T_stg	-30°C to +70°C		Store a pcs. part

* Please feel free to contact us for inquiries about other frequencies in need.

DIMENSIONS

VTC-120-F



UNIT: mm