

VF750, VF751

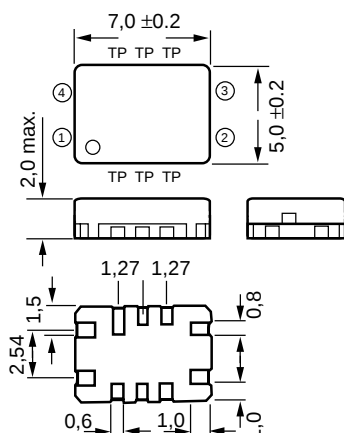


Ultra Miniature Surface Mount Temperature
Compensated Voltage Controlled Crystal
Oscillator (VCTCXO)
(5,0 x 7,0mm)

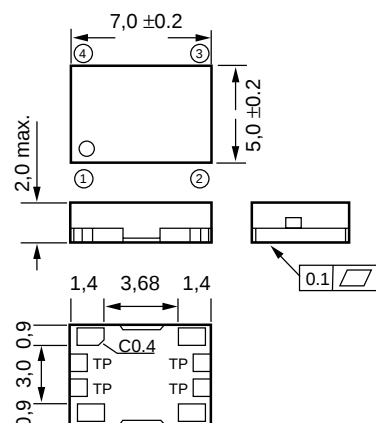
FEATURES

- Very Tight Stability
- Wide Temperature Range
- Leadless Ceramic Package
- Optional Supply Voltages
- 1,9mm Max. Height
- Voltage Control Option

VF750



VF751



Absolute Max. Ratings	Parameter	Symb	Condition	Min	Typ	Max	Unit	Note
	Input Break Down Voltage	Vcc		−0.6		6.0	V	
	Storage Temp.	Ts		−40		+85	°C	
Electrical	Frequency Range	F		12.6		19.8	MHz	
	Frequency Tolerance	ΔF/F	@25°C ±2°C			±0.5	ppm	
	Frequency Stability	ΔF/F	Over Temperature			±2.5	ppm	
	Input Voltage	Vcc		2.85	3.00	3.15	V	
	Input Current	Icc				2.0	mA	
	Output Voltage		Peak to peak	0.8			V	
	Output Load		Clipped Sine Wave		10KOhm			
	Control Voltage	Vc	1.5 nominal	+0.5		+1.5VDC		1
	Aging		1st year @25°C			±1.0	ppm	
	Environmental and Mechanical	Operating Temperature Range		−20°C to +75°C				
Mechanical Shock		Per MIL−STD−202, Method 213, Cond. E						
Thermal Shock		Per MIL−STD−883, Method 1011, Cond. A						
Vibration		Per MIL−STD−883, Method 2007, Cond. A						
Soldering Conditions		260°C, for 10s, Max; 230°C, for 90s, Max.						
Physical Dimensions	Pin Out		Pin #1−Vc Pin #2−Ground Pin #3−Output Pin #4−Vcc					

Notes: Voltage control range up to $\pm 15\text{ppm}$.

All specifications are subject to change without notice.

All dimensions are typical unless otherwise specified.