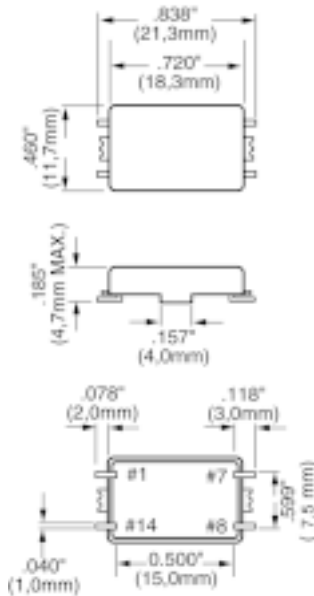


VF731

Surface Mount Temperature Compensated
Crystal Oscillator (TCXO)

FEATURES

- Very Tight Stability
- Wide Temperature Range
- Industry Standard Footprint
- Voltage Control Option



Parameter	Symb	Condition	Min	Typ	Max	Unit	Note
Control Voltage	VDC	+2.5V±2VDC	±3.0		±8.0	ppm	
Storage Temp.	Ts		-40		+85	°C	
Frequency Range	F		9.6		26	MHz	
Frequency Tolerance	ΔF/F	@25°C			±0.5	ppm	
Frequency Stability	ppm	vs. Temperature			±2.5	ppm	
Frequency Adjust		Internal Trimmer	±3.0			ppm	
Input Voltage	Vcc		4.75	5.00	5.25	V	
Input Current	Icc			25		mA	
Output Load		HCMOS/TTL		15pF			
Aging		per year @25°C			±1.0	ppm	
Operating Temperature Range		-30°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.					
Pin Out		Pin #1-NC or Vcont Pin #14-Vcc		Pin #7-Ground Pin #8-Output			

Notes:

All specifications are subject to change without notice.

All dimensions are typical unless otherwise specified.