

# VF721

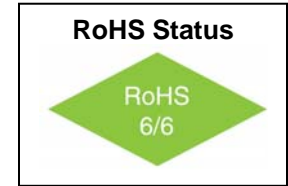
## TCXO with Voltage Control

### 9.6x11.4mm SMD

### Clipped Sine Wave

#### Features

- Frequency range of 10MHz to 40MHz
- Excellent Frequency Stability
- Low Phase noise
- Mechanical Frequency Adjust
- Low power consumption



#### Applications

- Portable equipment
- Telecommunications
- Data acquisition

Parameter	Symbol	Condition	Min	Typ	Max	Unit	Note
Frequency Range	F		10		40	MHz	
Frequency Stability	$\Delta F/F$	Vs. Operating Temperature			2.5	ppm	
		Vs. Supply Voltage Vs. Aging / Year		$\pm 0.3$ $\pm 1$		ppm/V ppm	
Operating Temperature Range	T		-30°		+75°	°C	
Output Voltage		Clipped Sine	0.8Vp-p minimum				
Output Load			10K $\Omega$ //10pF				
Supply Current	I <sub>cc</sub>				2.0	mA	
Supply Voltage	V <sub>cc</sub>		4.75 3.14	5.00 3.3	5.25 3.46	V	Std Order Code L
Voltage Control	V <sub>c</sub>		0.5 0.3	2.5 1.65	4.5 3.0	V	5.0V 3.3V
Frequency Adjustment		Electrical Freq. Control	$\pm 5$		$\pm 10$	ppm	
		Mechanical Trimmer	$\pm 3$			ppm	
Deviation slope		Monotonic positive					
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		260C for 10s max; 230C for 90s max					
Storage Temperature		-40°C to +85°C					

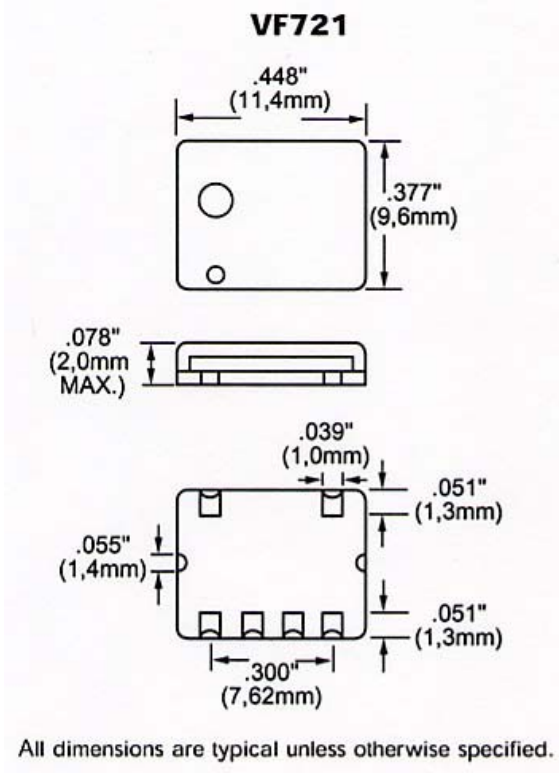
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**TCXO with Voltage Control**  
**9.6x11.4mm SMD**  
**Clipped Sine Wave**

**How to Order**

**VF721** —  — **FREQUENCY, MHz**

**Supply Voltage**

Code	Specification
L	3.3V
	5.0V



PIN	Specification
1	GND
2	GND
3	Output
4	GND
5	Vc
6	Vcc