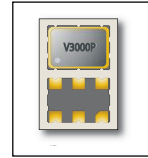


# V3000P



## Voltage Controlled Crystal Oscillator

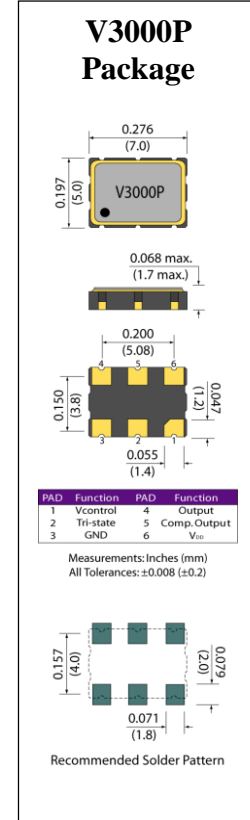
### FEATURES:

**Programmable  
Ceramic Package**

**Wide Pull Range  
7.0 x 5.0 x 1.85 mm**

Parameter	Unit	Min.	Max.
Frequency Range	MHz	10.00	200.00
Frequency Stability	ppm	See Table	
Storage Temperature Range	°C	-55	+125
Voltage	V	2.5, 3.3 ±5%	
Current Consumption	mA	-	65
Output Waveform		LVPECL	
Output Load	pF	15 or 30	
Output Voltage Logic High (VOH)	V	-1.62	-
Output Voltage Logic Low (VOL)	V	-	-1.025
Offset Voltage	V	1.125	1.375
Transition Time (Rise and Fall)	nSec	-	0.5
Linearity		-	±10
Duty Cycle		45/55% standard	
Tristate			
Enable	V	0.7	-
Disable	V	-	0.3
Frequency Deviation	ppm	±80 or ±100 min.	
Control Voltage		See Note	
Start-up Time	mSec	-	5
Aging	ppm	-	±3
Phase Jitter (12kHz to 20MHz)	pSec	-	1

Frequency Stability is inclusive of Operating Temperature Range, Supply Voltage, Aging, Current and Load.  
Control Voltage: 1.25 ±1.05V for 2.5V; 1.65±1.35V for 3.3V.



### Frequency Stability

Temperature	Stability (ppm)
-20 to 70°C	±25, ±30, ±50
-40 to 85°C	±25, ±30, ±50

### Environmental

Terminal Material	W
Terminal Plating	Ni-Au
REACH Compliant	Yes
RoHS Compliant	Yes
RoHS Exemptions	No
Re-flow Temp. Max.	260°C
MSL	1

[Click To Quote](#)

Example Part Number: V3000P-18-A-27-24M576

V3000P	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
		1		2		3		4
		<b>Voltage</b>		<b>Stability</b>		<b>Temp. Range</b>		<b>Frequency</b>
		33= 3.3 V		A= ±50		27= -20 to 70°C		Frequency in MHz
		25= 2.5V		B= ±30		48= -40 to 85°C		i.e. 24M576
				C= ±25				use M for decimal point