

OSCILLATORS

HCMOS SURFACE MOUNT VCXO

SPECIFICATIONS		VSH56021
Frequency Range		125KHz to 33MHz
Frequency Stability		±5ppm (Referenced to Frequency @25°C , 2.5V Control Input)
Temperature Range		0°C to +70°C
Output	Waveform	HCMOS Squarewave
	Load	15pF
	Voltage Voh	4.5V Minimum
	Vol	0.4V Maximum
	Current Ioh	-4mA
	Iol	4mA
	Duty Cycle	45/55 Maximum Measured @ 2.5Vdc
Rise/Fall Time		6nS Maximum
Jitter (RMS)		10pS Maximum
Frequency Adjust		Positive Transfer Function
Calibration @2.5V (pin 2)		±5ppm
Control Voltage		0.5 to 4.5Vdc
Deviation		±10ppm Minimum
Input Impedance (pin 2)		50K ohm Minimum
Supply Voltage		+5Vdc ±5%
Supply Current		30mA Maximum
Package		Hermetically sealed, leadless ceramic package
Optional Suffix	T	Duty Cycle 45/55 Maximum Measured @1.4Vdc

