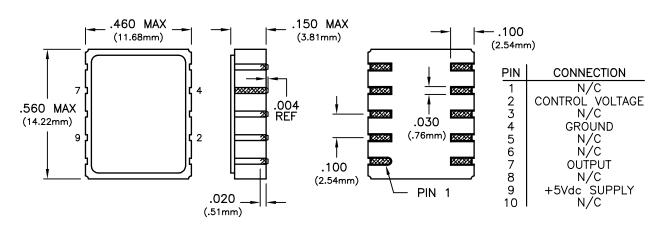


CRYSTAL CONTROLLED OSCILLATORS

AURORA, IL 60505 PHONE (630) 851-4722 FAX (630) 851-5040 www.conwin.com

SURFACE MOUNT HCMOS VCXO

SPECIFI	CATIONS	VSH31***						
Frequer	ncy Range	125KHz to 33MHz						
Frequer	ncy Stability	±25ppm						
Temperature Range		0°C to +85°C						
	Waveform	HCMOS Squarewave						
	Load		15pF					
	Voltage Voh	4.50V Minimum						
Output	Vol	0.40V Maximum						
Output	Current loh	-4.0mA						
	lol	4.0mA						
	Duty Cycle	45/55 Maximum Measured @ 2.5Vdc						
	Rise/Fall Time	6nS Maximum						
	Jitter (RMS)	10pS Maximum						
Frequer	requency Control							
Trequency control		Control Voltage Code (add to model number)						
		0	0.5 to 4.5Vdc Positive Transfer Characteristic					
			0.0 to 5.0Vdc					
			Deviation Code (add to model number)					
		12						
		15	15 150 (±75ppm)					
		22 200 (±100ppm)						
			32 300 (±150ppm)					
Center Frequency		2.5Vdc ±0.5Vdc						
Mor	notonic Linearity	< ±10%						
Inpi	ut Impedance	≥50K ohm at <10KHz						
Мос	dulation Bandwidth	≥15KHz						
Supply Voltage Supply Current		+5Vdc ±5%						
		30mA Maximum						
Package		Hermetically sealed, leadless ceramic package						
Option	al Suffix	T Duty Cycle 45/55 Maximum Measured @1.4Vdc						



ı	BULLETIN #: VX119	_{REV:} <u>03</u>	Specifications	subject to	change	without notice.	C−W © 1999
	docterin #	9/22/00				Dimensional	Tolerance: ±.02"
ı	PAGE OF	DATE: 9/22/99	ISSUED BY: _				±.005"