



CONNOR-WINFIELD CORPORATION

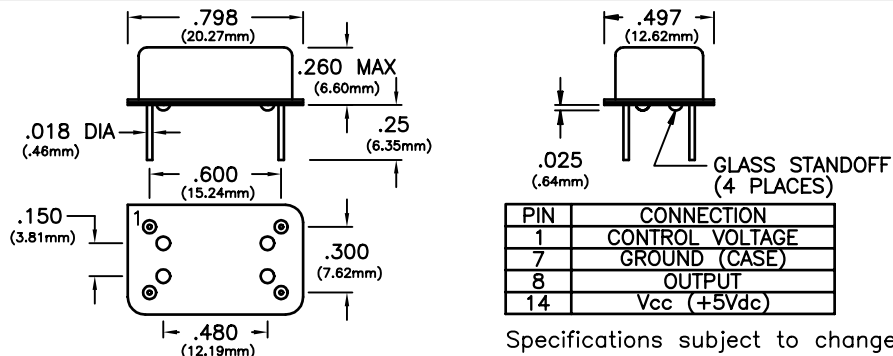
AURORA, IL. 60505

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14 PIN DIP VCXO OSCILLATOR

SPECIFICATIONS	VX64-200		
Frequency (Fo)	12.352 MHz		
Frequency Stability Vs Temperature	±20ppm		
Operating Temperature Range	-40°C to +85°C		
Storage Temperature Range	-55°C to +125°C		
Output	Waveform	CMOS/TTL Compatible Squarewave	
	Load	10 TTL or 50pF	
	Voltage	Voh	4.50V Minimum
		Vol	0.40V Maximum
	Current	Ioh	-16mA
		Iol	16mA
	Duty Cycle	45/55 Maximum, Measured at 2.5Vdc level	
	Rise/Fall Time	6nS Maximum	
	Phase Jitter	10pS RMS Maximum	
	Phase Noise	-140 dBc/Hz @ 10KHz offset, Typical	
Frequency Control	Positive Transfer Characteristic		
Control Voltage	0.5Vdc to 4.5Vdc		
Deviation (Referenced to Fo)	@0.5V: -100ppm Minimum		
	@4.5V: +100ppm Minimum		
Center Frequency	At 2.5Vdc ±0.5Vdc		
Monotonic Linearity	< ±10%		
Input Impedance	≥ 50K Ohms		
Modulation Bandwidth	≥ 15KHz (3dB cutoff)		
Start Up Time	10mS Maximum		
Supply Voltage	+5Vdc ±5%		
Supply Current	20mA Maximum		
Package	All metal, hermetically sealed, welded package		



Specifications subject to change without notice

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REV: 00
DATE: 1/22/98

ISSUED BY: _____

Dimensional Tolerance: ±.02"
±.005"