

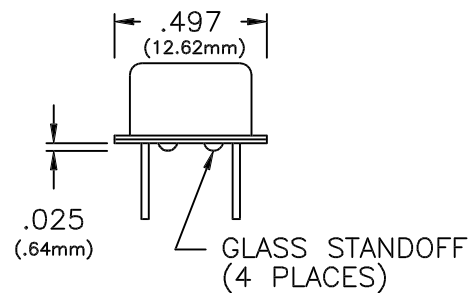
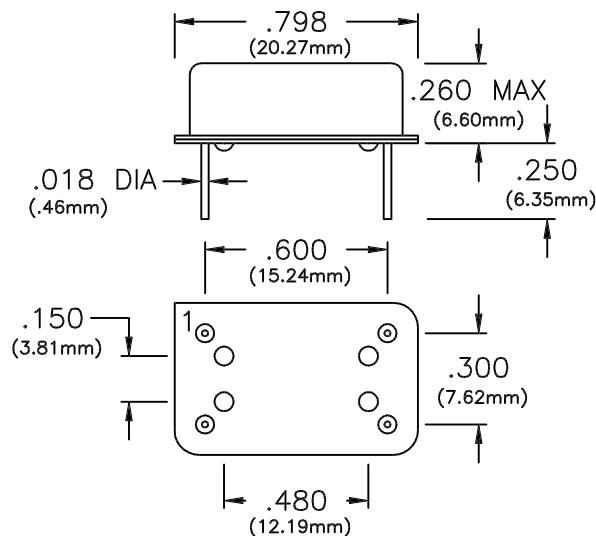


# CONNOR-WINFIELD CORPORATION

AURORA, IL. 60505  
 PHONE (630) 851-4722  
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## 14 PIN DIP SINEWAVE VCXO

SPECIFICATIONS	SVN51-160	
Center Frequencies	44.736 MHz	
Frequency Stability	±25ppm (includes aging, temperature, power supply variation)	
Temperature Range	0°C to +70°C	
Supply Voltage	+5Vdc ±5%	
Supply Current	20mA Maximum	
Output	Waveform	Sinewave
	Load	50 Ohm
	Amplitude	+3dBm ±2dBm
	Distortion	5% Maximum
Frequency Control	Negative Transfer Characteristic	
Pin 1	Control Voltage	-2.5 to +2.5Vdc
	Deviation	±80ppm Minimum
	Center Frequency	0Vdc ±0.25Vdc
	Monotonic Linearity	< ±10%
	Input Impedance	≥ 50K ohms
	Modulation Bandwidth	15KHz Minimum
Freq vs Supply Voltage	±2.0ppm Maximum	
Harmonics	-25dBc Maximum	
Sub-Harmonics	-40dBc Maximum	
Spurious	-70dBc Maximum	
Package	All metal, hermetically sealed, welded package	



PIN	CONNECTION
1	CONTROL VOLTAGE
7	GROUND (CASE)
8	OUTPUT
14	(+) SUPPLY

Dimensional Tolerance ±.005

Specifications subject to change without notice

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ISSUED BY: \_\_\_\_\_