

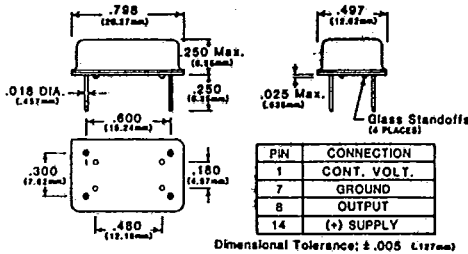


2343431 CONNOR-WINFIELD CORP

96D 00291 D 7-50-23

VC Series

DIP VCXO

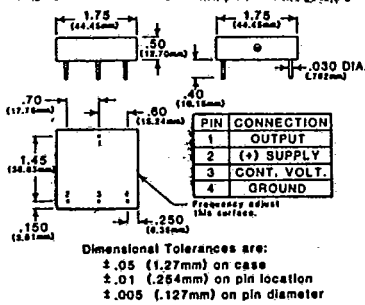


SPECIFICATIONS	TVX	LVX
Fixed frequencies	450 kHz to 20 MHz (please specify center frequency)	
Frequency stability	± .001%; 0°C to +70°C	
Average deviation	80 ppm/V max (minimum total deviation must be specified)	
Control voltage	0 V min to +10 V max (control voltage range must be specified) Positive transfer characteristic	
Output	TTL 10 TTL max	LSTTL 10 LSTTL max
Supply current	50 mA max (typ. 35)	25 mA max (typ. 15)

Supply Voltage: 5 Vdc ± 10% □ Output Symmetry: 50/50 ± 10% □ Package: All metal, hermetically sealed 14-pin DIP

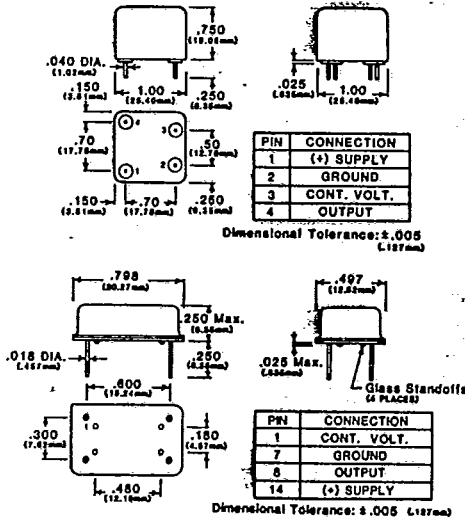
To order options listed above, add proper suffix to the model number. Example—TVX 200-5/10 MHz specifies unit TVX with 200 ppm minimum total deviation and 5 maximum control volts with a 10 MHz center frequency.

Tight Tolerance VCXO



SPECIFICATIONS	V175A	V175B	V175C	V175D
Fixed frequencies	<1 Hz to 30 MHz			
Frequency tolerance	± .001%	± .0025%	± .005%	± .0075%
Temperature range	+20° C to +40° C	0° C to +50° C	0° C to +65° C	-25° C to +65° C
Output specifications (please specify)	TTL 1-10 TTL Load	CMOS CMOS Load	Sinewave 50 ^Ω or 10K ohm load	
Supply voltage	+5 Vdc ± 1%	+5 to +15 Vdc ± 1% (Specify)	+5 to +30 Vdc ± 1% (Specify)	
Control voltage	0 to +10 V or ± 5 V with a ≥12 Vdc supply voltage 0 to +4 V or ± 2 V with a 5 Vdc supply voltage			
Average Deviation	20 ppm/V ± 1 ppm (variations available)			
Package:	epoxy encapsulated, PC mount			

VHF VCO, VCO DIP



SPECIFICATIONS	VC10	PL14R1	PL14R2	PL14R3
Fixed frequencies	30 - 400 MHz	50 kHz - 80 MHz		
Frequency Stability	± 5%	± 1%	± 1%	± 2%
Output:	Sinewave 0 dBm into 50 ohm load T.H.D. ≤ 10%	TTL Load: 10 TTL Duty cycle: 50/50 ± 10%		
Supply voltage	+12 Vdc ± 5%	+5 Vdc ± 5%		
Supply current	25 mA max.	80 mA max.		
Control voltage range	0 Vdc to +10 Vdc or -5 Vdc to +5 Vdc	0 V to +5 V F (nominal) at 2-3 V Positive Transfer Function		
Average Deviation	± 15% of nominal frequency min.	± 2% min. (± 3% max)	± 10% min. (± 15% max)	± 20% min. (± 30% max)
Package	All metal, solder-seal, PC mount	All metal, hermetically sealed, welded 14 Pin DIP		

Temperature range: 0° C to +70° C

NOTE: PL14 Series oscillators are positive transfer function standard. Negative transfer function available.