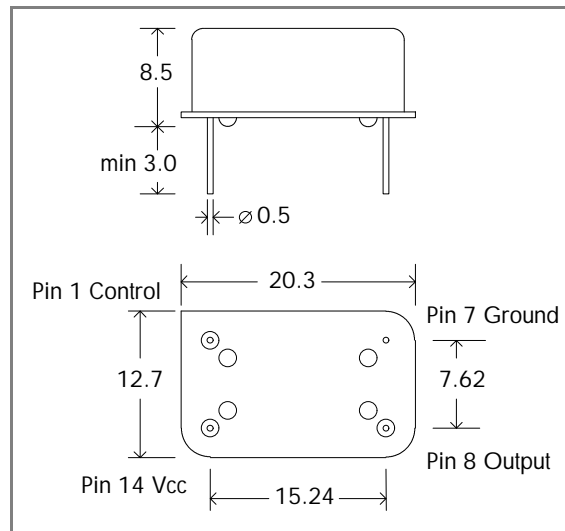


OnSpec Oscillators



OSO-DVA-C030

Voltage Controlled Crystal Oscillators (VCXOs) Frequency range 80 - 200 MHz
Resistance weld package:-
DIL-14 (OSO-DVA-C030)



Specification	OSO-DVA-C030
Frequency	80 - 200 MHz (5 V) 80 - 160 MHz (3 V)
Pulling Range	± 100 ppm from nominal
Output	ACMOS
Output current	48 mA max at 5 V supply 24 mA max at 3 V supply
Rise & Fall times	2 ns
Symmetry	60/40..40/60%
Stability incl. temp supply, 1 year ageing	± 30 ppm
Temperature range	-10 to +60 °C
Control Voltage	0.5 - 5.0 V
Supply Voltage	3.0 V - 5.5 V
Supply Current	50 mA max

These oscillators use Phase Locked Loop (PLL) multipliers, so the output frequency is produced by a voltage controlled RC oscillator. The phase noise and medium term jitter (about 10 μ s) is not as good as for direct crystal oscillators.

Please contact OnSpec Oscillators if more information is required.

Fast Delivery services:-
2 weeks or 3 weeks

OSO-DVC-C030 available for lower frequencies and non-PLL multipliers

Other pulling ranges and stabilities available.

Other types of logic output and wider pulling ranges available in larger packages.

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