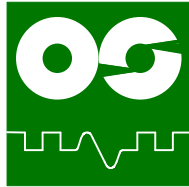


# OnSpec Oscillators



**OSO-DVC-C030**  
**OSO-HVC-C030**

Voltage Controlled Crystal Oscillators (VCXOs)

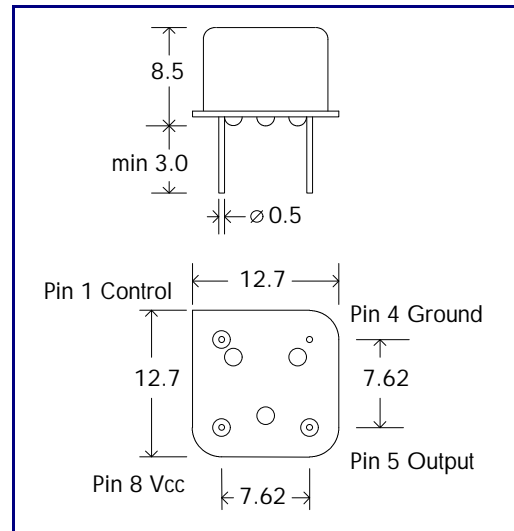
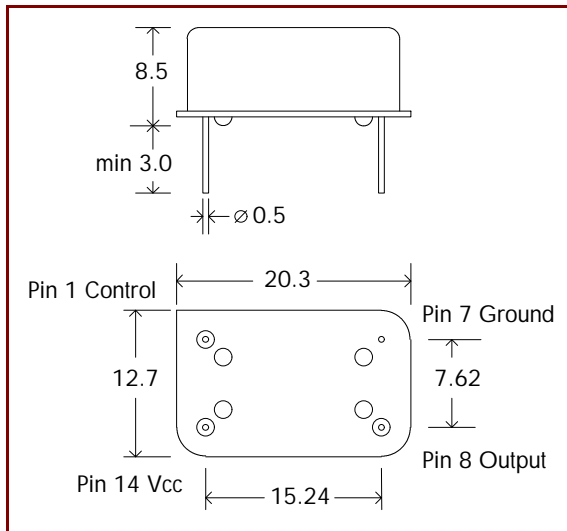
Resistance weld packages:-

**DIL-14 (OSO-DVC-C030)**

Frequency range 1.5 to 130 MHz

**3.3 Volts Supply Available**

**DIL-8 (OSO-HVC-C030)**



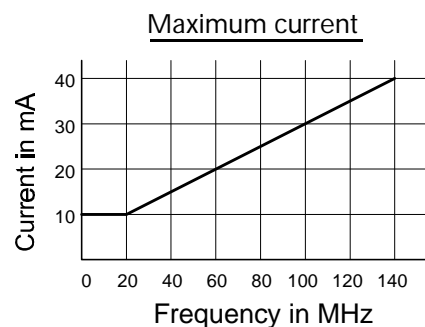
Specification	<b>OSO-DVC-C030</b>	<b>OSO-HVC-C030</b>
Frequency	<b>1.5 - 130 MHz</b>	<b>10 - 35 MHz</b>
Pulling Range	± 100 ppm from nominal	
Output	AHCMOS (HCMOS up to 10 MHz)	
Output current	8 mA max at 5 V supply (4 mA up to 10 MHz)	
Rise & Fall times	10 ns	
Symmetry	55/45..45/55%	
Stability incl. 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	See graph	
Jitter	Up to 35 MHz Above 35 MHz	30ps max 250ps max

Fast Delivery services:-  
2 weeks or 3 weeks

OSO-DVA-C030 available for  
higher frequencies

Other pulling ranges and  
stabilities available.

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



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Nov 2000