OnSpec
Oscillators

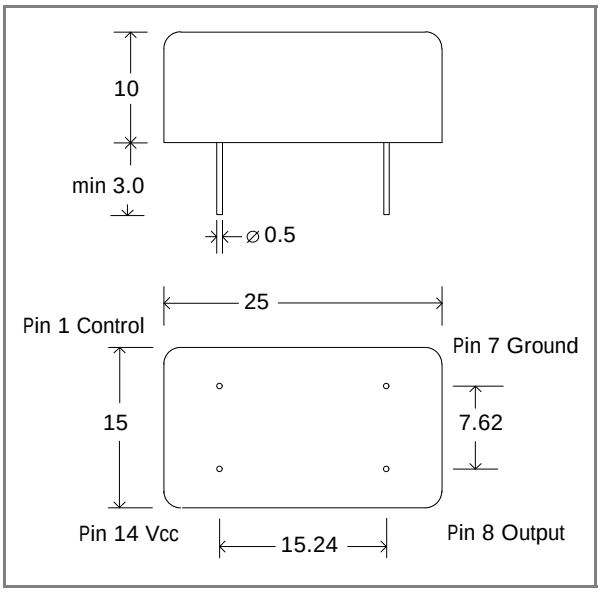
OSO-RV?-C030

3.3 Volts Supply available on
OSO-RVC-C030 & OSO-RVA-C030

Voltage Controlled CrystalOscillators(VCXOs)
Standard pulling range ±100 ppm
Frequency range 60 kHz to 120 MHz

3.3 Volts Supply Available

Unless a resistance weld package
these Oscillators are not hermetically sealed



Fast Delivery Services:-
6 day, 2 weeks or 3 weeks

100 ppm VCXOs for phase locked loops, where the pulling range is large enough to lock onto standard crystal clock oscillators. The centre adjustment is guaranteed, which can be useful if the VCXOs are also used when not phase locked.

Pulling ranges, including ±250 and ±300 ppm are avvailable, with slightly different specifications.

For ECL output, use RVE-C030
For resistance weldpackage, use DVC-C030

0S0-RVC-C030	OSO-RVT-C030	Specification	OSO-RVA-C030	OSO-RVF-C030
HCMOS	LSTTL	Output	ACMOS	FTTL
0.06 - 50 MHz	0.06 - 40 MHz	Frequency	12 - 120 MHz	12 - 75 MHz
10 ns	10 ns	Rise & Fall times	5 ns	6 ns
55/45..45/55%	60/40..40/60%	Symmetry	55/45..45/55%	60/40..40/60%
3.0 - 5.5 V	5V ± 5%	Supply voltage	3.0 - 5.5 V	5 V ± 5%
20mA	30mA	Supply Current	60mA	50mA
± 30 ppm	± 30 ppm	Stability including temp Supply 1 year ageing	± 30 ppm	± 30 ppm
-10 to +70°C	-10 to +70°C	Temperature	-10 to +70°C	-10 to +70°C
± 30 ppm	± 30 ppm	Adjustment @2.5V	± 30 ppm	± 30 ppm
0.5 - 5.0 V	0.5 - 5.0 V	Control Voltage	0.5 - 5.0 V	0.5 - 5.0 V
± 100 ppm	± 100 ppm	Pulling Range	± 100 ppm	± 100 ppm

OnSpec Oscillators Limited

Fax +44 (0)24 7664 2073 Tel +44 (0)24 7664 2024 Email sales@onspec.co.uk

April 2000