

OnSpec Oscillators



OSO-SV?-C050

3.3 Volts Supply available on
OSO-SVC-C050 & OSO-SVA-C050

Voltage Controlled Crystal Oscillators (VCXOs)

Pulling range ± 250 ppm

Frequency range 60 kHz to 120 MHz

3.3 Volts Supply Available

Fast Delivery Services:-

6 day, 2 weeks or 3 weeks

Range includes:-

HCMOS LSTTL AC MOS FTTL

ECL

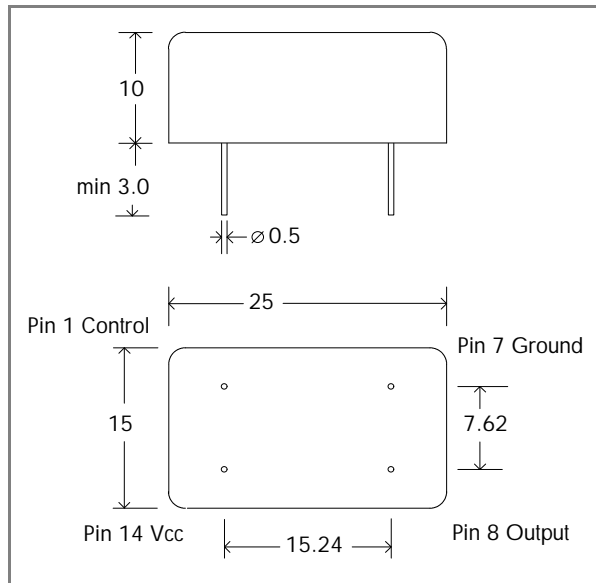
Resistance weld package

Other pulling ranges available

Insulating spacer available

These 250ppm VCXOs are often used in phase locked loops, where the pulling range is large enough to lock onto a variety of reference frequencies.

Unless a resistance weld package these Oscillators are not hermetically sealed



OSO-SVC-C050	OSO-SVT-C050	Specification	OSO-SVA-C050	OSO-SVF-C050
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 V - 5.5 V	5V \pm 5%	Supply voltage	3.0 V - 5.5 V	5 V \pm 5%
20mA	30mA	Supply Current	60mA	50mA
± 50 ppm	± 50 ppm	Stability including temp Supply 1 year ageing	± 50 ppm	± 50 ppm
-10 to +70°C	-10 to +70°C	Temperature	-10 to +70°C	-10 to +70°C
0.5 - 5.0 V	0.5 - 5.0 V	Control Voltage	0.5 - 5.0 V	0.5 - 5.0 V
± 250 ppm	± 250 ppm	Pulling Range	± 250 ppm	± 250 ppm

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Feb 2001