

# OnSpec Oscillators



**OSO-STC-F???**  
**OSO-SEC-F???**

Industrial temperature range  
clock oscillators  
Frequency range 1 MHz to 80 MHz  
Tristate available

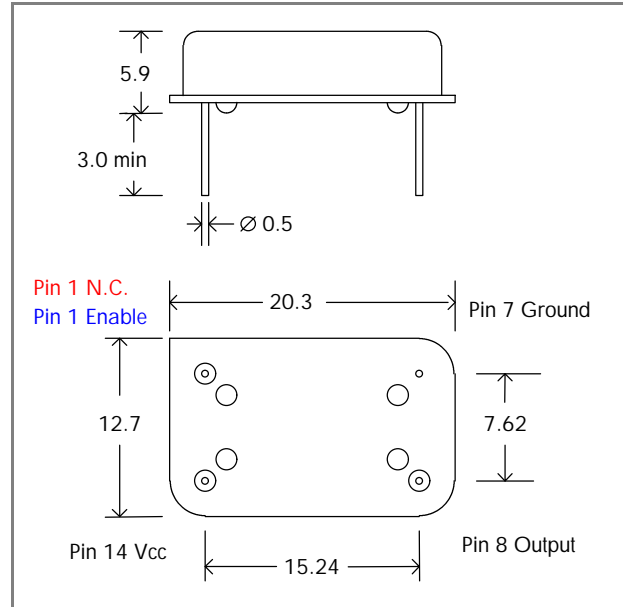
Fast Delivery Services:-  
48 hours, 5 day or 2 weeks

Range includes:- **Standard Oscillator**  
Half size Oscillator  
**Standard Tri-State**  
Half size Tri-State

Frequency stabilities:-

**OSO-STC-F100** **OSO-SEC-F100** ±100 ppm  
**OSO-STC-F050** **OSO-SEC-F050** ± 50 ppm

Including:- Adjustment  
Temperature  
1 years aging  
voltage



Frequency range	1 - 80 MHz	
Temperature range	-40°C to +85°C	
Output drive	HCMOS:-	50 pF up to 25 MHz 15 pF above 25 MHz
$V_{OL}$ (max)	0.5 V	
$V_{OH}$ (min)	4.5 V (With 5V supply)	
Symmetry	60/40 - 40/60% at 2.5V	
Rise and Fall times (max)	10nS 6nS	up to 40 MHz above 40 MHz
Supply Voltage	5 V ± 0.5 V (or 3.3V ±10% up to 50 MHz)	
Supply Current	30 mA maximum	

<u>Enable/Disable Function</u> (SEC-F???	Low level	0.5 V max	High Impedance (Disabled)
	High level	2.4 V min	Active (Enabled)

## OnSpec Oscillators Limited

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