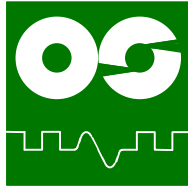


# OnSpec Oscillators



**OSO-HST-Series**  
**OSO-HET-Series**

## TTL

Half size Standard or Tristate  
clock oscillators  
Frequency range 1 MHz to 80 MHz

**3.3 Volts Supply up to 50 MHz**

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

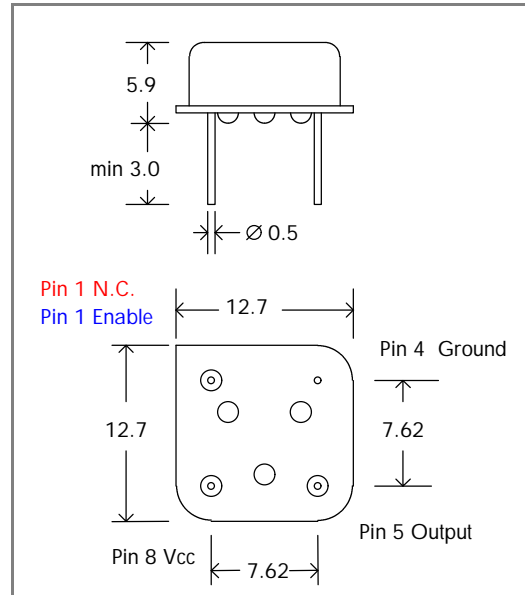
Range includes:- Standard Oscillator  
**Half size Oscillator**  
Standard Tri-State  
**Half size Tri-State**  
TTL Oscillators  
Dual output HCMOS

Frequency stabilities:-

<b>OSO-HST-B100</b>	<b>OSO-HET-B100</b>	± 100 ppm
<b>OSO-HST-B050</b>	<b>OSO-HET-B050</b>	± 50 ppm
<b>OSO-HST-B025</b>	<b>OSO-HET-B025</b>	± 25 ppm
<b>OSO-HST-B015</b>	<b>OSO-HET-B015</b>	± 15 ppm

Including:- Adjustment  
Temperature  
1 years aging  
voltage

## TTL Half-size clock Oscillators



Frequency range	1 - 80 MHz @ 5.0 V and 1 - 50 MHz @ 3.3 V	
Temperature range	0°C - 70°C (Except <b>OSO-HST-B015</b> & <b>OSO-HET-B015</b> ) 0°C - 50°C ( <b>OSO-HST-B015</b> & <b>OSO-HET-B015</b> )	
Output drive	TTL:- 10 LSTTL loads	
V <sub>OL</sub> (max)	0.5 V	
V <sub>OH</sub> (min)	2.4 V	
Symmetry	60/40 - 40/60% @ 1.4 V	
Rise and Fall times (max)	10nS	up to 40 MHz
	6nS	above 40 MHz
Supply Voltage	3.0 V - 5.5 V	1 to 50 MHz
	5.0 V ± 0.5 V	1 to 80 MHz
Supply Current	30 mA maximum	

<u>Enable/Disable Function</u> (HET Series only)	Low level	0.5 V max	High Impedance (Disabled)
	High level	2.4 V min	Active (Enabled)

OnSpec Oscillators Limited

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