

OnSpec Oscillators



OSO-HST-F???
OSO-HET-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

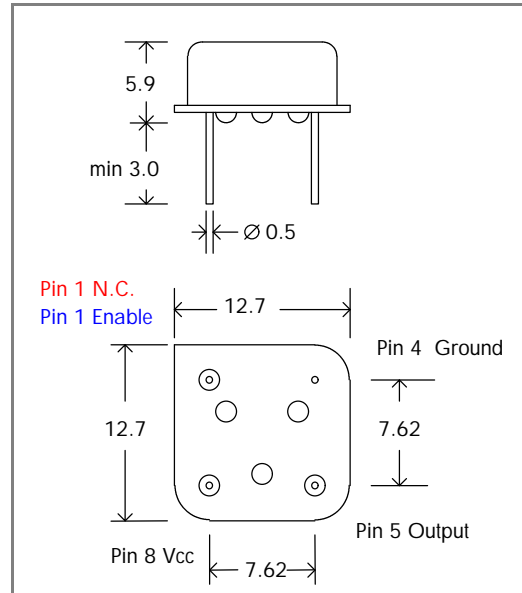
Frequency stabilities:-

OSO-HST-F100 **OSO-HET-F100** ±100 ppm
OSO-HST-F050 **OSO-HET-F050** ± 50 ppm

Including:- Adjustment
Temperature
1 years aging
voltage

Frequency range	1 - 80 MHz	
Temperature range	-40°C to +85°C	
Output drive	TTL:-	10 LSTTL loads
V_{OL} (max)	0.4 V	
V_{OH} (min)	2.4 V	
Symmetry	60/40 - 40/60% at 1.4 V	
Rise and Fall times (max)	10nS	up to 40 MHz
	6nS	above 40 MHz
Supply Voltage	5 V ± 0.5 V (or 3.3V ±10% up to 50 MHz)	
Supply Current	30 mA maximum	

Enable/Disable Function (HET-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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