

# OnSpec Oscillators

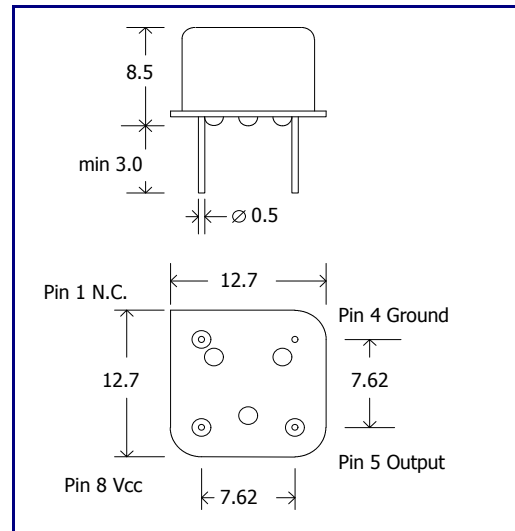
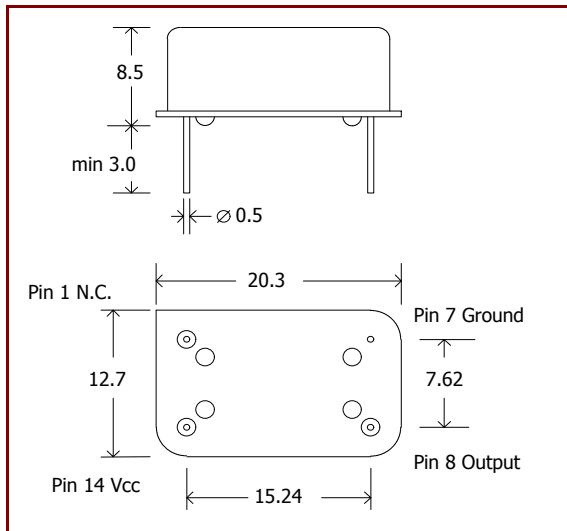


## OSO-STA-Series OSO-HSA-Series

AHCMOS Clock Oscillators

**3.3 Volts up to 100 MHz**

Resistance weld packages:- Fast Delivery Service:- 6 days, 2 weeks, 3 weeks  
**DIL-14 (OSO-STA-Series)**      **DIL-8 (OSO-HSA-Series)**



Frequency range

20 - 120 MHz

20 - 100 MHz

Overall Stabilities:-	OSO-STA-B100	±100 ppm	OSO-HSA-B100	±100 ppm
	OSO-STA-B050	± 50 ppm	OSO-HSA-B050	± 50 ppm
	OSO-STA-B025	± 25 ppm	OSO-HSA-B025	± 25 ppm
	OSO-STA-B015	± 15 ppm	OSO-HSA-B015	± 15 ppm

Temperature	0 to +70°C	0 to +70°C
	0 to +50°C (STA-B015)	0 to +50°C (HSA-B015)
Output (max output current)	AHCMOS (8 mA max at 5 V supply)	AHCMOS (8 mA max at 5 V supply)
Rise & Fall times	3 ns max	3 ns max
Symmetry (Optionally)	55/45 to 45/55% (52/48 to 48/52%)	55/45 to 45/55% (52/48 to 48/52%)
Supply Voltage	3.0 V - 5.5 V	3.0 V - 5.5 V
Supply Current	40 mA max	40 mA max

3.3V supply and wider temperature versions are available.

Higher frequencies are available in the OSO-HIA and OSO-HHA ranges

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