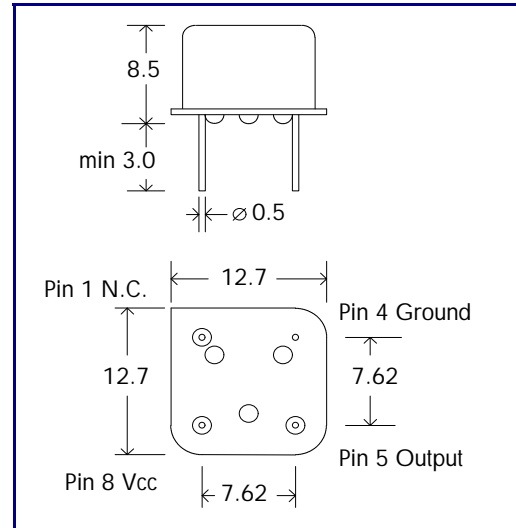
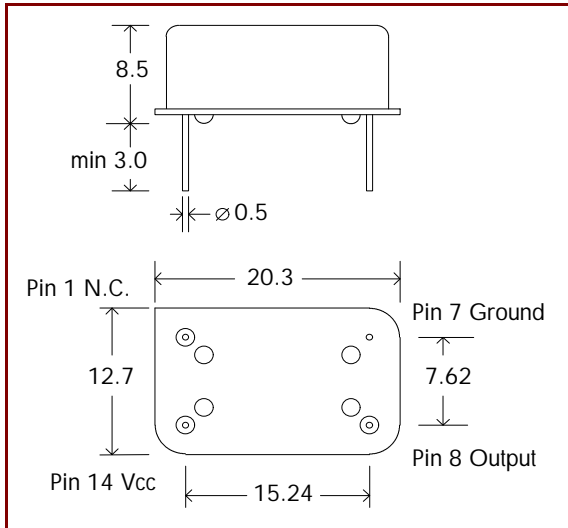




ACMOS Clock Oscillators, high drive capability

Resistance weld packages:-  
DIL-14 (OSO-HIA-Series)

3.3 Volts Supply up to 160 MHz  
DIL-8 (OSO-HHA-Series)



Frequency range      25 - 160 MHz @ 5.0 V  
                                 25 - 100 MHz @ 3.3 V

25 - 200 MHz @ 5.0 V  
25 - 160 MHz @ 3.3 V

Overall Stabilities:-  
OSO-HIA-B100      ±100 ppm  
OSO-HIA-B050      ± 50 ppm  
OSO-HIA-B025      ± 25 ppm  
OSO-HIA-B010      ± 10 ppm

OSO-HHA-B100      ±100 ppm  
OSO-HHA-B050      ± 50 ppm  
OSO-HHA-B025      ± 25 ppm  
OSO-HHA-B010      ± 10 ppm

Temperature              0 to +70°C

0 to +70°C

Output                      ACMOS  
48 mA max at 5 V supply

ACMOS  
48 mA max at 5 V supply

Rise & Fall times              2 ns max

2 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

These oscillators can drive large loads, including 50Ω.

3.3V supply and wider temperature versions are available.

Higher frequencies are under development.

## OnSpec Oscillators Limited