



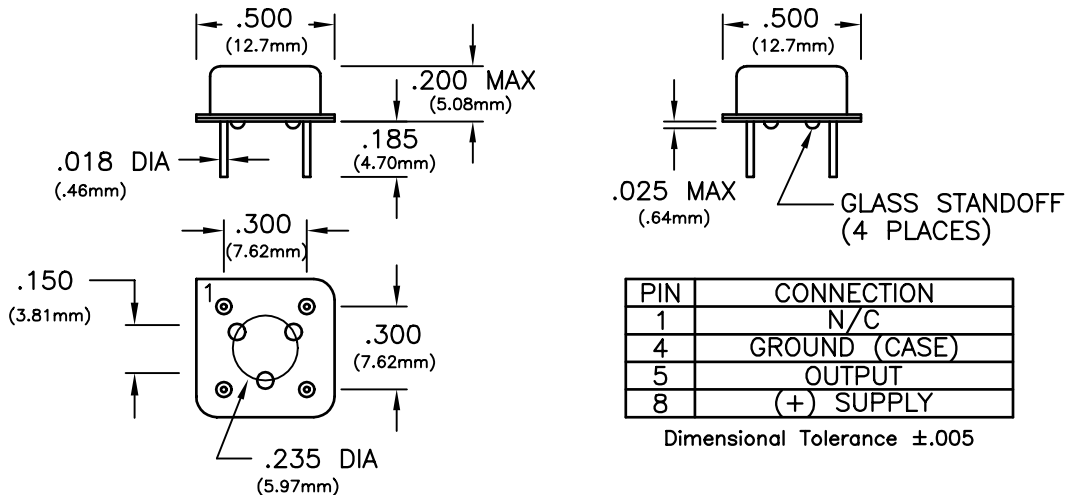
# CONNOR-WINFIELD CORPORATION

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## 8 PIN DIP ACMOS

| SPECIFICATIONS      | MA61                                                                         | MA62                             | MA63          | MA64   |  |
|---------------------|------------------------------------------------------------------------------|----------------------------------|---------------|--------|--|
| Frequency Range     | 13MHz to 100MHz                                                              |                                  |               |        |  |
| Frequency Stability | ±25ppm                                                                       | ±50ppm                           | ±100ppm       | ±20ppm |  |
|                     | (Inclusive of calibration tolerance at 25°C and operating temperature range) |                                  |               |        |  |
| Temperature Range   | -40°C to +85°C                                                               |                                  |               |        |  |
| Output              | Waveform                                                                     | CMOS Squarewave , TTL Compatible |               |        |  |
|                     | Load                                                                         | 15pF                             |               |        |  |
|                     | Voltage                                                                      | Voh                              | 4.4V Minimum  |        |  |
|                     |                                                                              | Vol                              | 0.44V Maximum |        |  |
|                     | Current                                                                      | Ioh                              | -24mA         |        |  |
|                     |                                                                              | Iol                              | 24mA          |        |  |
|                     | Duty Cycle                                                                   | 48/52 Maximum Measured at 2.5V   |               |        |  |
| Rise/Fall Time      | 2nS Maximum                                                                  |                                  |               |        |  |
| Start Up Time       | 10mS Maximum                                                                 |                                  |               |        |  |
| Supply Voltage      | +5Vdc ±10%                                                                   |                                  |               |        |  |
| Supply Current      | 100mA Maximum                                                                |                                  |               |        |  |
| Package             | All metal, hermetically sealed, welded package                               |                                  |               |        |  |

**WARNING!** Do not insert oscillator into a hot circuit. Failure to comply will result in damage to oscillator.



Specifications subject to change without notice

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ISSUED BY: \_\_\_\_\_