



CONNOR-WINFIELD CORPORATION

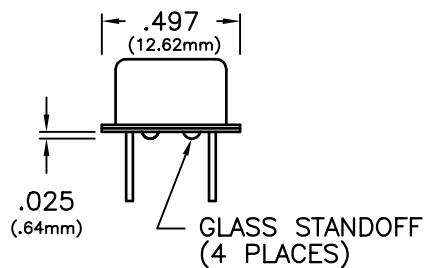
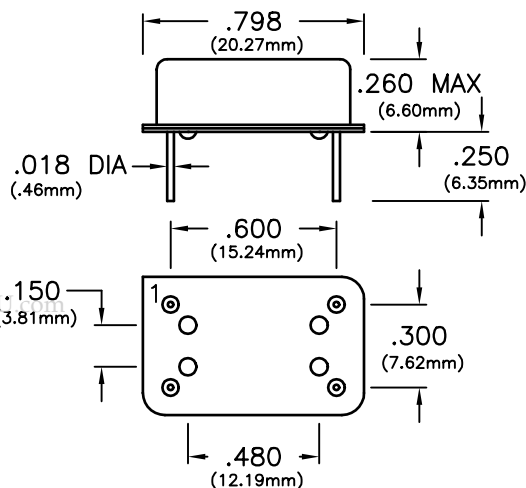
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T3 APPLICATION TTL CLOCKS WITH TRI-STATE

| SPECIFICATIONS | S55T3R | S65T3R | |
|------------------------|--|--|--------------|
| Frequency Range | 1.625MHz to 70MHz | | |
| Freq Calibration @25°C | ±4ppm | | |
| Frequency Stability | ±10ppm | | |
| Temperature Range | 0°C to +70°C | -40°C to +85°C | |
| Freq vs Supply Voltage | ±1ppm | | |
| Aging | ±5ppm | | |
| Overall Freq Stability | ±20ppm (Sum of all frequency stabilities & aging tolerances for the life of the oscillator) | | |
| Output | Waveform | TTL Squarewave | |
| | Load | 10 TTL | |
| | Voltage | Voh | 2.4V Minimum |
| | | Vol | 0.5V Maximum |
| | Current | Ioh | -16mA |
| | | Iol | 16mA |
| | Duty Cycle | 45/55 Maximum measured at 1.4V | |
| Rise/Fall Time | 6nS Maximum | | |
| Input | Output E/D Time | 100nS Maximum | |
| | Enable (Vih) | 2.2V Minimum | |
| | Disable (Vil) | 0.8V Maximum | |
| | | Oscillator output is enabled with no connection on pin 1 | |
| Start Up Time | 10mS Maximum | | |
| Supply Voltage | +5Vdc ±5% | | |
| Supply Current | 25mA Maximum | | |
| Package | All metal, hermetically sealed, welded package | | |



| PIN | CONNECTION |
|-----|----------------|
| 1 | ENABLE/DISABLE |
| 7 | GROUND (CASE) |
| 8 | OUTPUT |
| 14 | (+) SUPPLY |

Dimensional Tolerance ±.005

Specifications subject to change without notice

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