

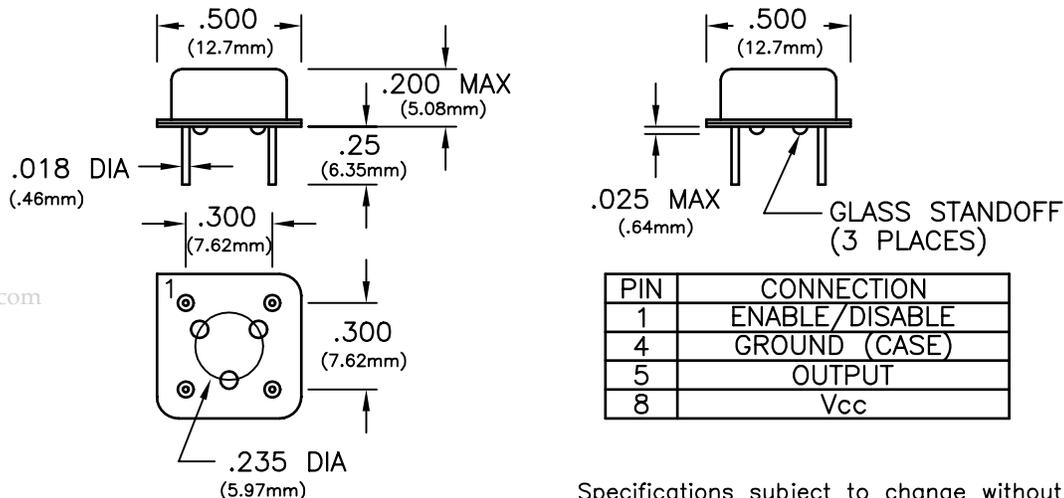


CONNOR-WINFIELD CORPORATION

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 PHONE (630) 851-4722
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8 PIN DIP HCMOS

| SPECIFICATIONS | | S55R | |
|-----------------------------|--|--|--------------|
| Frequency Range | | 1.8432MHz to 70MHz | |
| Frequency Calibration @25°C | | ±5ppm | |
| Frequency Stability | | ±10ppm | |
| | | Inclusive of calibration tolerance at 25°C, operating temperature change, input voltage change, load change, aging, shock and vibration. | |
| Temperature Range | | 0°C to +70°C | |
| Storage Temperature Range | | -55°C to +125°C | |
| Output | Waveform | TTL/HCMOS Compatible | |
| | Load | 50pF/10TTL | |
| | Voltage | Voh | 4.5V Minimum |
| | | Vol | 0.5V Maximum |
| | Current | Ioh | -16mA |
| | | Iol | 16mA |
| | Duty Cycle | 45/55 Maximum Measured at 50% level | |
| Rise/Fall Time | | 5nS | |
| Input | Output E/D Time | 100nS Typical | |
| | 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 (at 25°C) | | 30mA Maximum | |
| Package | | All metal, hermetically sealed, welded package | |



Specifications subject to change without notice

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REV: 03
 DATE: 3/4/98

ISSUED BY: _____

Dimensional Tolerance: ±.02"
 ±.005"

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