

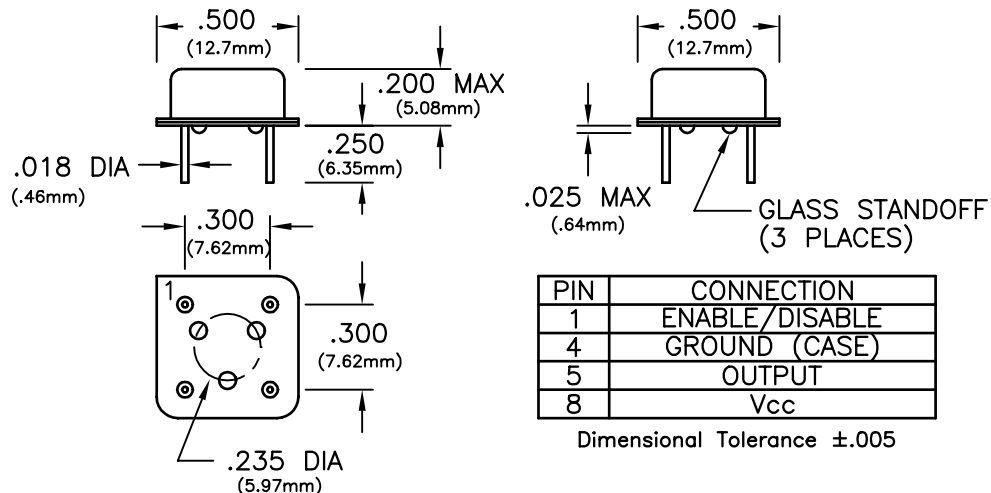


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8 PIN DIP HCMOS WITH TRI-STATE

| | | | |
|---------------------|--|------------------|--------------------|
| SPECIFICATIONS | H524RA | | |
| Frequency Range | 1.625MHz to 70MHz | | |
| Frequency Stability | ±15ppm | | |
| | (Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration) | | |
| Temperature Range | 0°C to +70°C | | |
| Output | Waveform | HCMOS Squarewave | |
| | Load | 15pF | |
| | Voltage | Voh | Vcc - 0.5V Minimum |
| | | Vol | 0.4V Maximum |
| | Current | Ioh | -8mA |
| | | Iol | 8mA |
| | Duty Cycle | 45/55 Maximum | |
| | Rise/Fall Time | 3nS Maximum | |
| Input | Output E/D Time | 100nS Typical | |
| | Enable (Vih) | 2.0V Minimum | |
| | Disable (Vil) | 0.5V Maximum | |
| | Oscillator output is enabled with no connection on pin 1 | | |
| Start Up Time | 10mS Maximum | | |
| Supply Voltage | +3.3Vdc ±0.3Vdc | | |
| Supply Current | 30mA Maximum | | |
| Package | All metal, hermetically sealed, welded package | | |



Specifications subject to change without notice

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