

VCA3-103, 105 Pin Crystal Oscillators

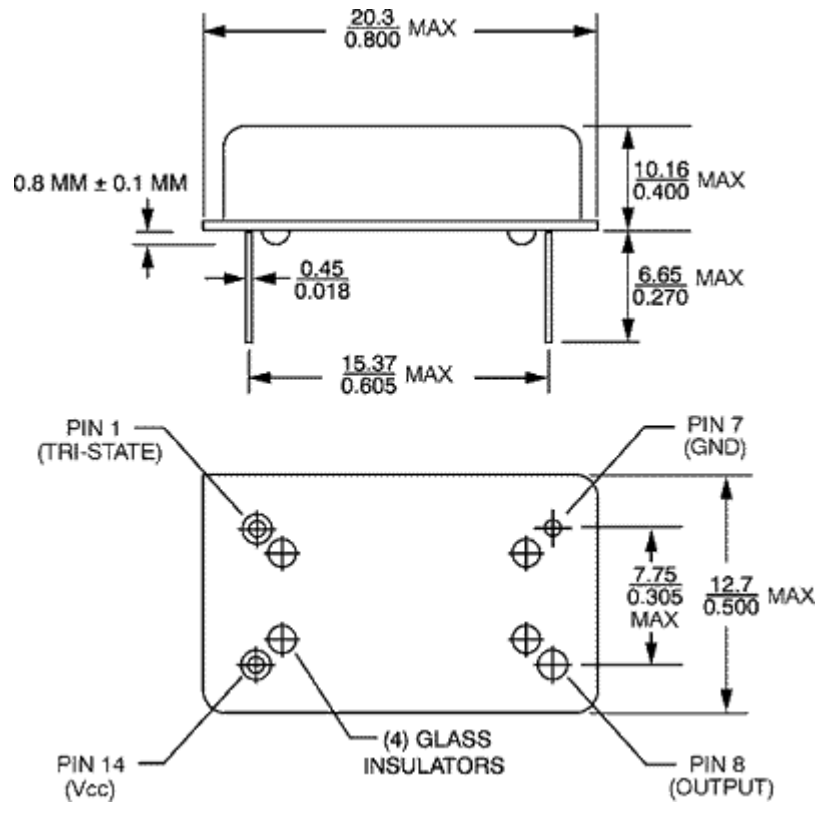
Featuring:

- ± 20 ppm stability including aging
- 0 to 70°C operating temperature
- 3.3 or 5.0 VDC
- Enable/disable option



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| Frequency Range | 1.544 MHz to 60 MHz |
| Package | 0.8" x 0.5" x 0.4" max 4 pin thru-hole |
| Voltage | 103 = +3.3 Vdc $\pm 10\%$ 105 = +5.0 Vdc $\pm 10\%$ |
| Electrical | Tristate 55/45 Symmetry |
| Enable/Disable | Logic 1 or NC = Enable (Oscillation) Logic 0 or GND = Disable (High Impedance) |
| Stability | ± 20 PPM 0°C to +70°C for 10 years, all parameters* (typical stability vs temperature 0°C to 70°C ± 10 PPM) |
| Start-Up | 10 ms Maximum |
| Load | HCMOS/TTL |
| Current | 50 mA Maximum |
| Standard Packaging | Anti Static Tubes |
| Standard Frequencies | 19.44 MHz, 24.704 MHz, 32 MHz, 32.768 MHz, 34.368 MHz, 44.736 MHz |
| Typical P/N | VCA3-103-19M44 VCA3 = 0.8" x 0.5" x 0.4" max 4 pin thru-hole 103 = +3.3 Vdc $\pm 10\%$, ± 20 PPM 0°C to +70°C for 10 years, all parameters |

* NOTE: All parameters include aging, initial accuracy, thermal stability, load, solder reflow, vibration



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