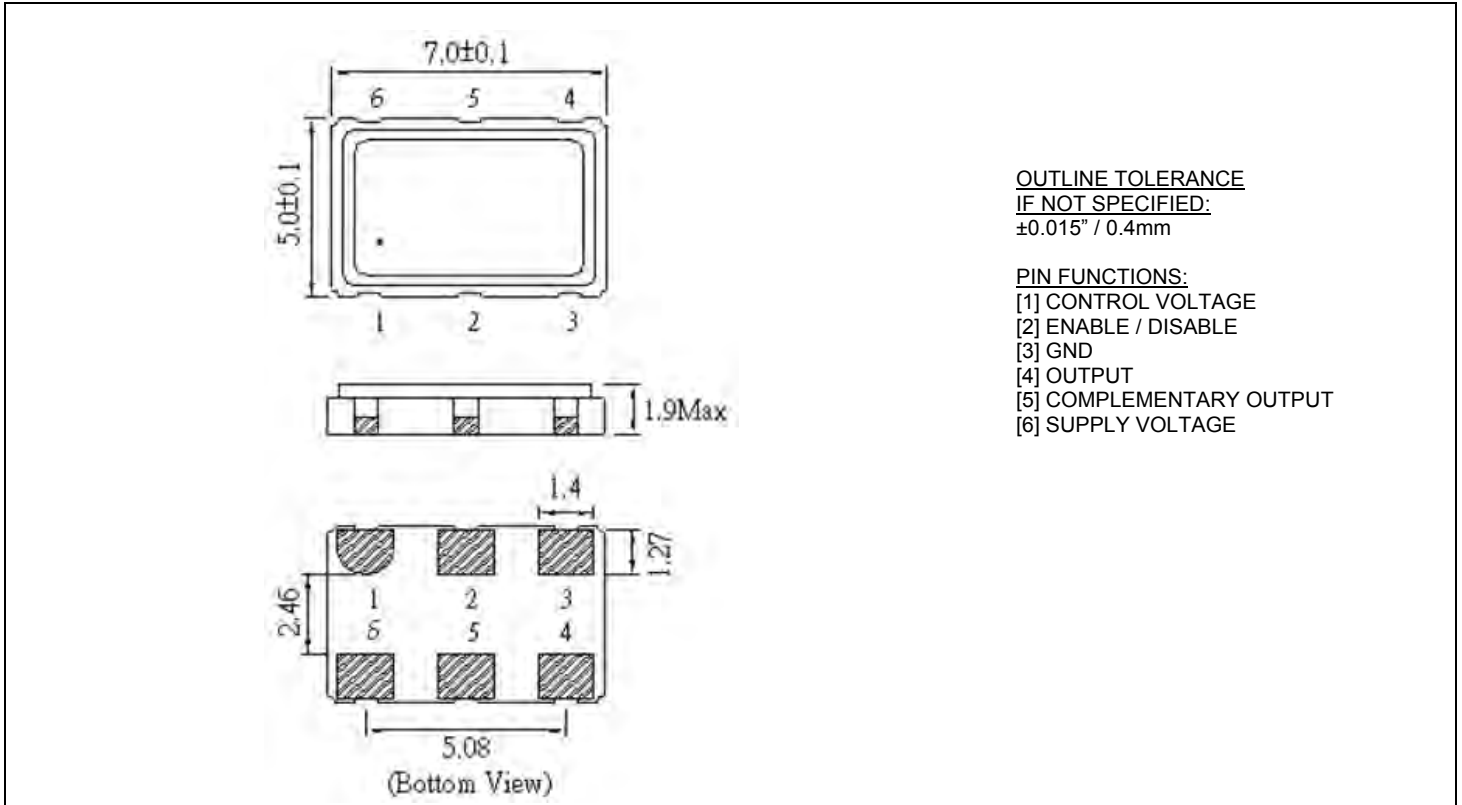




■ ELECTRICAL SPECIFICATION

| PARAMETER | | VALUE |
|--|---------------------------------------|--|
| Frequency Range (F ₀) | | 60.000 ~ 200.000 MHz |
| Supply Voltage (V _S) | | 3.3 ± 10% VDC |
| Oscillation Mode | | Fundamental |
| Control Voltage Range (V _{CC}) | | 1.65 ± 1.65 VDC |
| Input Current | | 80 mA max |
| Frequency Stability | | ±20 ppm, ±25 ppm, ±50 ppm, ±100 ppm |
| Frequency Adjustment Range | | ±50 ppm, ±100 ppm min |
| Operating Temperature Range | | -10 ~ +70°C -40 ~ +85°C |
| Storage Temperature Range | | -55 ~ +125°C |
| Output LVPECL | Symmetry at 50% V _S | 40% ~ 60% Standard 45% ~ 55% Tight |
| | Rise / Fall Time | 1.0 ns max |
| | Logic "0" Level | 2.475 V max |
| | Logic "1" Level | 1.68 V min |
| | Load (Terminus to V _S -2V) | 50 Ω |
| Enable / Disable Function | | Pin 1: High or Open / Output enabled (Pins 4 & 5) Pin 1: Low / Output disabled (High impedance) |
| RMS Phase Jitter (12kHz ~ 20 MHz) | | 1 ps max |

MECHANICAL SPECIFICATION



PART NUMBERING SYSTEM

| TYPE | SERIES | VOLTAGE (V) | STABILITY (ppm) | TEMPERATURE RANGE (°C) | PULLABILITY (ppm) | SYMMETRY (%) | FREQUENCY (MHz) |
|------|--------|-------------|---|--|----------------------|---------------------------|------------------|
| VPF | 7 | 3: 3.3 | 20: ±20 25: ±25 50: ±50 10: ±100 | JZ: -10 ~+70 HZ: -20 ~+70 D3: -40 ~+85 | 50: ±50 100: ±100 | blank: 40~ 60 T: 45~55 | 60.000 ~ 200.000 |

EXAMPLE: VPF7325-D3-100-T-155.520

Surface Mount VPF7 Series, LVPECL Fundamental VCXO, 7.0 x 5.0 mm, 3.3 VDC Supply Voltage, ±25 ppm Stability from -40°C to +85°C, ±100 ppm Frequency Adjustment Range, Symmetry 45% to 55%, 155.520 MHz