

FEATURES

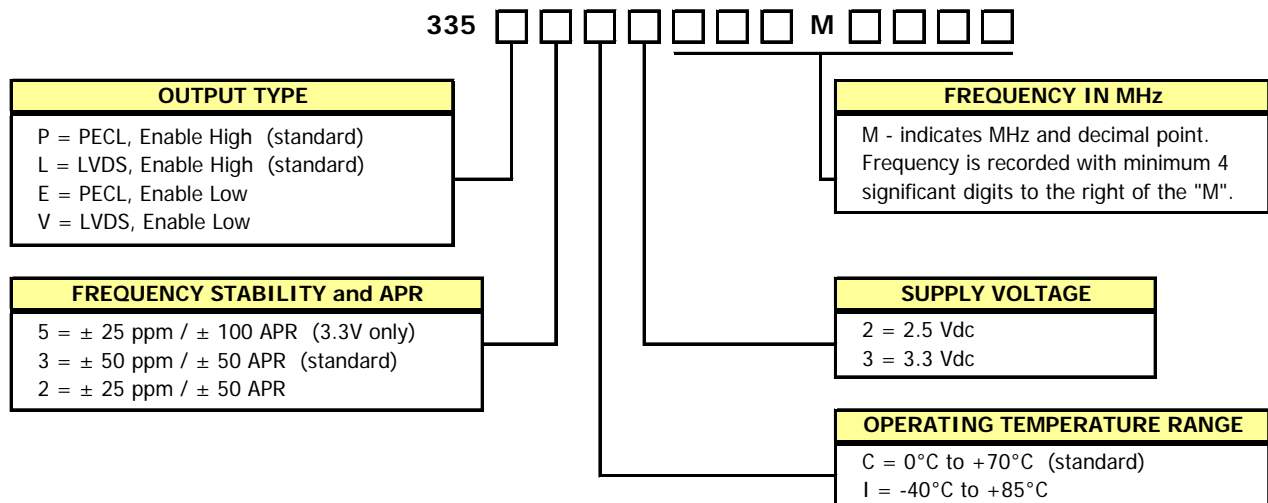
- Standard 7x5mm Surface Mount Footprint
- Differential LVPECL or LVDS Outputs
- Frequency Range 19.44 – 212.50 MHz
- Frequency Stability, ± 50 ppm Standard (± 25 ppm available)
- +2.5Vdc or +3.3Vdc Operation
- Operating Temperature to -40°C to $+85^{\circ}\text{C}$
- Output Enable Standard
- Low Phase Jitter, **NON-Multiplied**
- Tape & Reel Packaging
- **RoHS/Green Compliant**

DESCRIPTION

The Model 335 is a ceramic packaged Voltage Controlled oscillator offering reduced size and enhanced stability. The small size means it is perfect for any application. The enhanced stability means it is the perfect choice for today's communications applications that require tight frequency control.



ORDERING INFORMATION



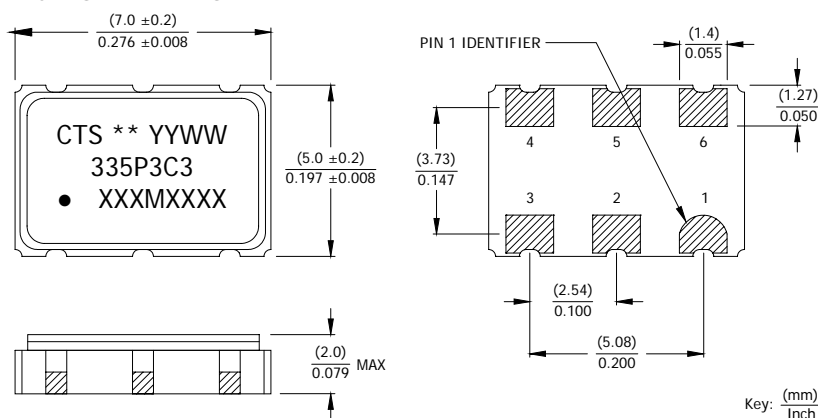
Example Part Number: 335P3C3155M5200



Model 335
Differential LVPECL or LVDS
7x5mm VCXO

MECHANICAL SPECIFICATIONS

PACKAGE DRAWING



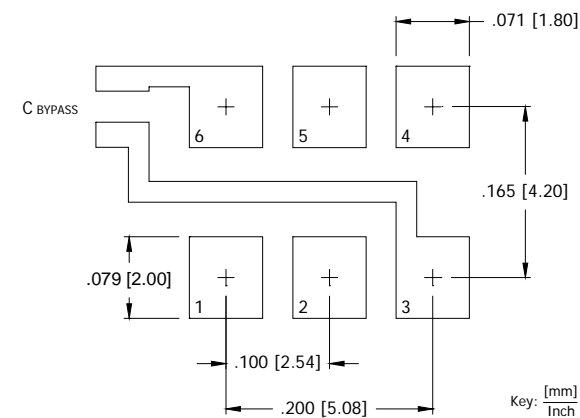
MARKING INFORMATION

1. ** - Manufacturing Site Code.
2. YYWW – Date code, YY – year, WW – week.
3. Truncated CTS part number.
4. XXXMXXXX - Frequency marked with 4 significant digits after the 'M'.

Notes

1. Termination pads (e4), barrier-plating is nickel (Ni) with gold (Au) flash plate.
2. Reflow conditions per JEDEC J-STD-020.

SUGGESTED SOLDER PAD GEOMETRY



C_{BYPASS} should be ≥ 0.01 uF.

SUGGESTED REFLOW PROFILE

