

**VTB1 Miniature TCXOs**

**Featuring**

- +3.0 or 5.0 Vdc Option
- HCMOS/TTL compatible
- Low Cost
- Voltage Tune Option
- Low Profile Surface Mount
- Reflowable

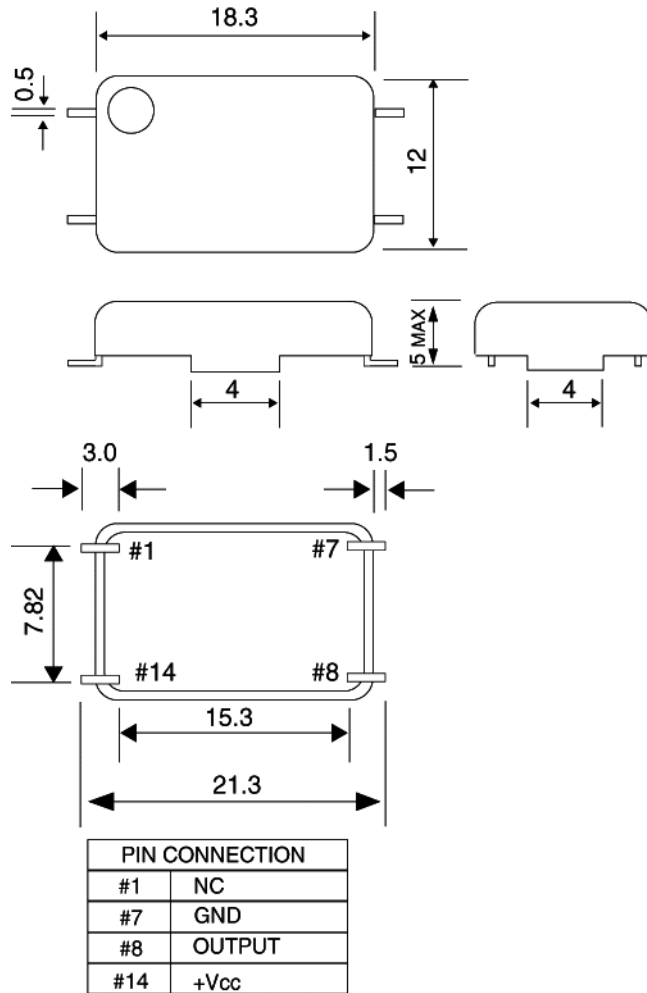



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|------------------------------------|--|
| <b>Frequency Range</b>             | 1 to 40 MHz  |
| <b>Stability Options</b>           | <b>1</b> = ±1.0 PPM 0°C to +50°C<br><b>2</b> = ±2.5 PPM -30°C to +70°C<br><b>3</b> = ±3.5 PPM -30°C to +70°C<br><b>4</b> = ±5.0 PPM -40°C to +85°C |
| <b>Stability vs Supply</b>         | <±0.3 PPM vs B+ ±5%  |
| <b>Aging (Typical)</b>             | <1.0 PPM/year at +40°C dynamic   |
| <b>Input Voltage &amp; Current</b> | <b>A</b> = +5.0 Vdc ±5% <20 mA<br><b>B</b> = +3.0 Vdc ±5% <20 mA   |
| <b>Output</b>                      | Logic 1 = 90% of VCC minimum<br>Logic 0 = 10% of VCC maximum   |
| <b>Load</b>                        | 2 HCMOS or 2 TTL minimum   |
| <b>Mechanical Trim</b>             | ±3.0 PPM Minimum   |
| <b>Trim Options</b>                | <b>0</b> = Mechanical Trim<br><b>1</b> = ±5.0 PPM minimum Voltage Control<br>& Mechanical trimmer  |
| <b>Typical P/N</b>                 | <b>VTB1-2AO 10.0 MHz</b><br><b>2</b> = +2.5 PPM<br><b>A</b> = +5.0 Vdc<br><b>0</b> = Mechanical trim adjust  |

We welcome your custom requests and will issue a custom part number for items that are not listed.

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For additional information please contact:

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