

VTB1 Miniature TCXOs

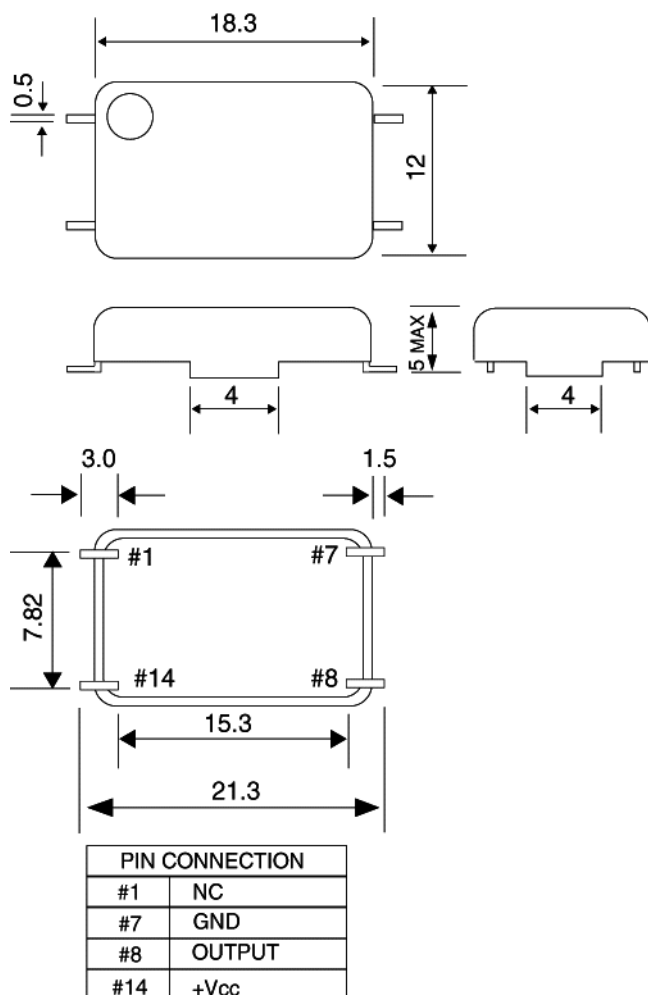
Featuring

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



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

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



For additional information please contact:

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