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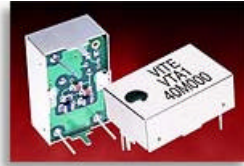
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VTA1 Miniature TCXOs

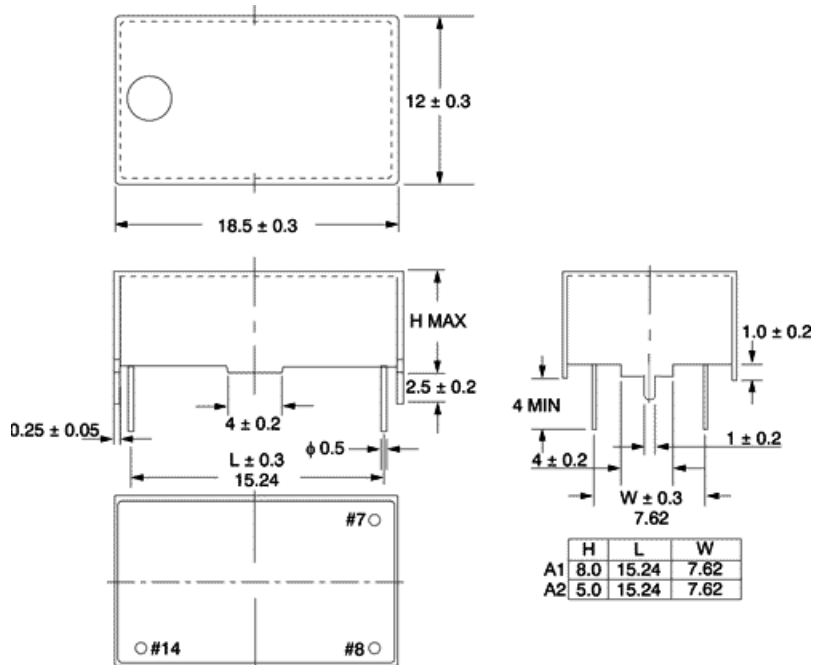
Featuring

- +3.0 or 5.0 Vdc Option
- Clipped Sinewave or HCMOS/TTL Options
- Low Profile Option
- Voltage Tuned Option
- Low Cost
- Reflowable



Frequency Range	1 to 60 MHz (Clipped Sinewave) 1 to 150 MHz (HCMOS/TTL)
Package Options	A1 = 18.5 mm x 12 mm x 8 mm Maximum
Stability Options	1 = ±1.0 PPM 0°C to +50°C 2 = ±2.5 PPM -30°C to +70°C 3 = ±3.5 PPM -30°C to +70°C 4 = ±5.0 PPM -40°C to +85°C
Stability vs Supply	<±0.3 PPM vs B+ ±5%
Aging (Typical)	<1.0 PPM/year at +40°C dynamic
Input Voltage & Current	A = +5.0 Vdc ±5% <20 mA HCMOS/TTL B = +3.0 Vdc ±5% <20 mA HCMOS/TTL Output Logic 1 = 90% of VCC Minimum Logic 0 = 10% of VCC Maximum Load 2 HCMOS or 2 TTL Minimum
	C = +5.0 Vdc ±5% <1.0 VP-P Clipped Sinewave D = +3.0 Vdc ±5% <0.8 VP-P Clipped Sinewave
	Frequency is 8.192 to 25 MHz for Clipped Sinewave Load 10 K-Ohm/10pF
Mechanical Trim	±3.0 PPM Minimum, located anywhere on top surface.
Trim Options	0 = Mechanical Trim 1 = ±5.0 PPM Minimum Voltage Control & Mechanical Trimmer
Typical P/N	VTA1-2A0 10.0 MHz A1 = 18.5 mm x 12 mm x 8 mm Maximum 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.



PIN 1* = N/C or VC PIN 7 = GND
 PIN 8 = OUTPUT PIN 14 = Vcc

*PIN 1 is not present unless VC Option is required



For additional information please contact:

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