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**VTA2 Miniature TCXOs**

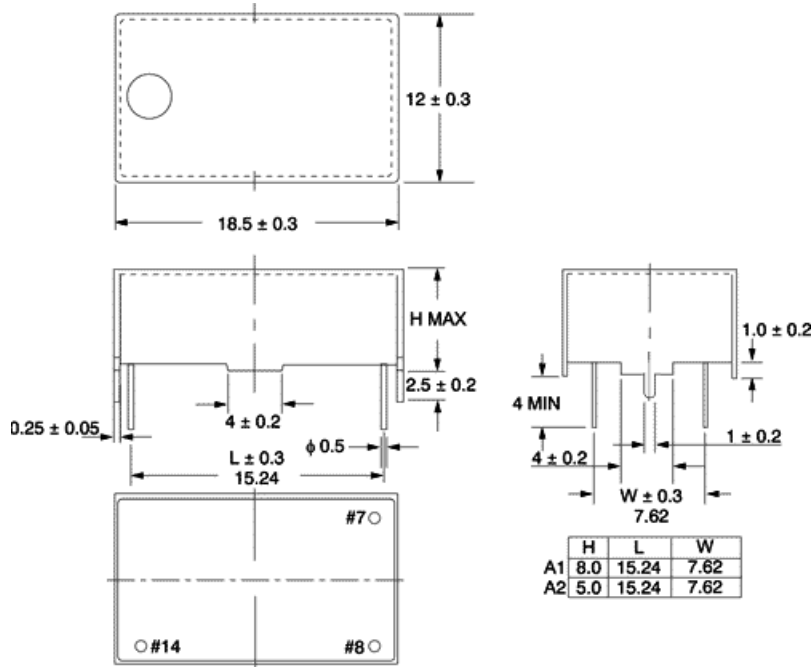
**Featuring**

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



<b>Frequency Range</b>	1 to 40 MHz
<b>Package Options</b>	<b>A2</b> = 18.5 mm x 12 mm x 5 mm Maximum
<b>Stability Options</b>	<b>1</b> = ±1.0 PPM 0°C to +50°C <b>2</b> = ±2.5 PPM -30°C to +70°C <b>3</b> = ±3.5 PPM -30°C to +70°C <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 HCMOS/TTL <b>B</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
	<b>C</b> = +5.0 Vdc ±5% <1.0 VP-P Clipped Sinewave <b>D</b> = +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
<b>Mechanical Trim</b>	±3.0 PPM Minimum, located anywhere on top surface.
<b>Trim Options</b>	<b>0</b> = Mechanical Trim <b>1</b> = ±5.0 PPM Minimum Voltage Control & Mechanical Trimmer
<b>Typical P/N</b>	<b>VTA2-2A0 10.0 MHz</b> <b>A2</b> = 18.5 mm x 12 mm x 5 mm Maximum <b>2</b> = ±2.5 PPM <b>A</b> = + 5.0 Vdc <b>0</b> = 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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