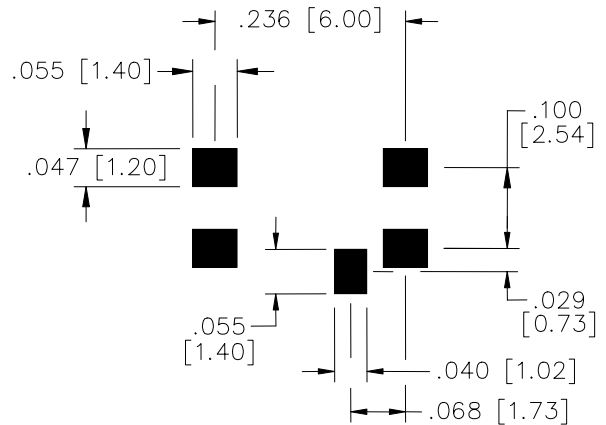
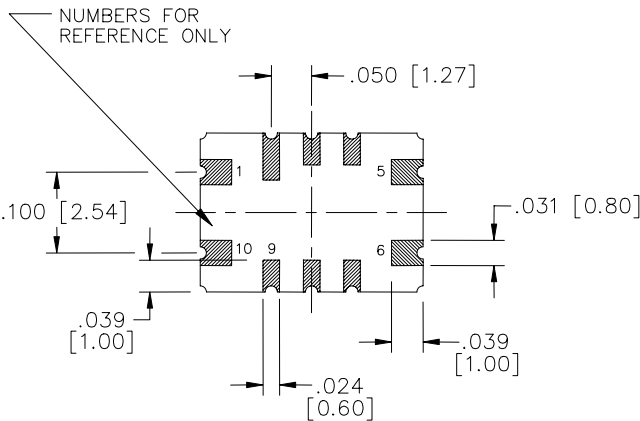
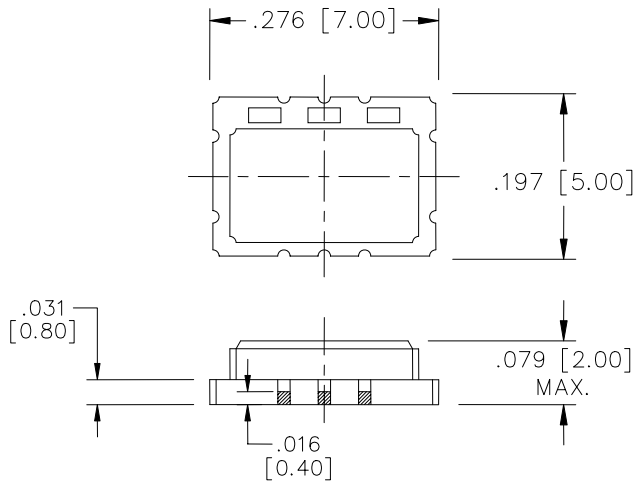


## Specifications

<b>Type:</b>	<b>TCVCXO</b>
<b>Model No.:</b>	<b>TCXODE300</b>
<b>Frequency:</b>	<b>9.6MHz</b>
<b>Stability VS</b>	
<b>Supply:</b>	<b>±0.100 ppmMAX/VCC±5%</b>
<b>Loading:</b>	<b>±0.100 ppmMAX/LOAD±10%</b>
<b>Temperature:</b>	<b>±0.500 ppmMAX@ -40°C~+85°C</b>
<b>Operating Temperature:</b>	<b>-40°C~+85°C</b>
<b>Aging:</b>	<b>±1 ppm/1year</b> <b>±2.5 ppm/20year</b>
<b>Supply voltage:</b>	<b>+5VCC±5%</b>
<b>Frequency Tuning versus Voltage:</b>	<b>+/-5 ppm minimum with 1.5V +/- 1.0V on Pin1</b>
<b>Current:</b>	<b>5 mA maximum</b>
<b>Output waveform:</b>	<b>Clipped Sine wave</b>
<b>Output level:</b>	<b>1.0 V p-p Min. ( Industry standard )</b>
<b>Output Impedance:</b>	<b>10kΩ//10pf +/- 10%</b>
<b>Phase Noise: Typical</b>	<b>-120dBC/Hz ( 100Hz )</b> <b>-140dBC/Hz ( 1kHz )</b> <b>-150dBC/Hz ( 10kHz )</b> <b>-150dBC/Hz ( 100kHz )</b>

**Mechanical Drawing and Pin Connections**



RECOMMENDED PCB FOOTPRINT



**ATTENTION**  
 Static Sensitive  
 Devices  
 Handle only at  
 Static Safe Work  
 Stations

PIN CONNECTIONS

- 1. VOLTAGE CONTROL OR N.C.
- 5. GROUND
- 6. OUTPUT
- 9. TRISTATE CONTROL
- 10. + VDC