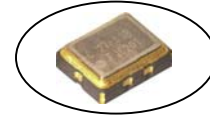


# Temperature Compensated Crystal Oscillator Voltage Trim



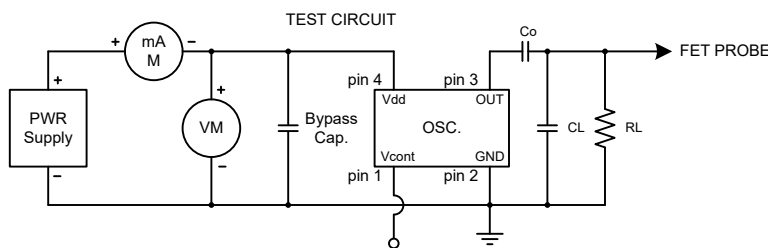
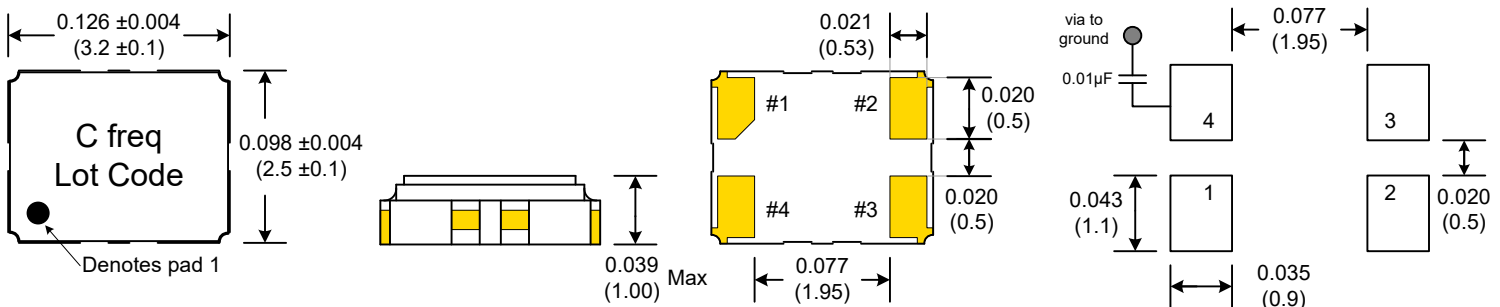
## CVT25 Model 2.5×3.2 mm SMD, 3V, TCXO

<b>Available Frequencies:</b>	13.0, 19.2, 26.0, 38.4, 40.0 (MHz)
<b>Frequency Stability:</b>	±2.5ppm Max
<b>Temperature Range:</b>	-30°C to 75°C
<b>Storage:</b>	-40°C to 90°C
<b>Input Voltage:</b>	3.0V ±5%
<b>Input Current:</b>	1.2mA Typical, 2mA Max
<b>Output:</b>	0.8Vp-p Min
Waveform:	Clipped Sinewave
Load:	10kΩ // 10pF Typical
<b>Voltage Control:</b>	1.5V ±1.0V
Vcont Trim:	±8ppm Min
<b>Harmonics:</b>	-9dBc Max
<b>Phase Noise:</b>	100Hz Offset -110 dBc/Hz Max
1kHz Offset	-130 dBc/Hz Max
<b>Aging:</b>	<1ppm per year
<b>Ordering Information:</b>	CVT25-Frequency
Example:	CVT25-19.200
Packaging:	2,000pcs Tape/Reel

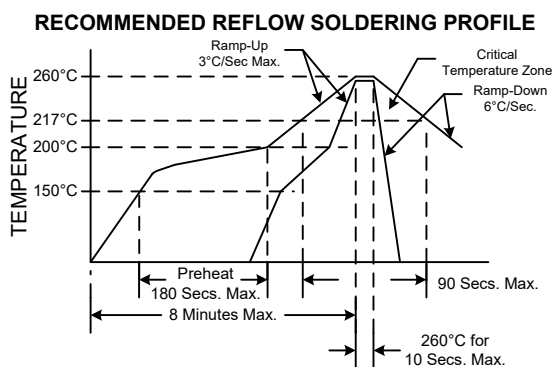
Model CVT25 is a Clipped Sinewave TCXO operating at 3.0 Volts. The oscillator utilizes digital temperature compensation to provide stable frequency output over temperature. No Sub-Harmonics are present in the Output Signal.

**Applications:**  
GSM  
GPRS  
3G  
CDMA  
W-CDMA

Dimensions inches (mm)  
All dimensions are Max unless otherwise specified.



PIN	Function
1	Volt Cont.
2	GND
3	OUT
4	Vcc



NOTE: Reflow Profile with 240°C peak also acceptable.

### Mechanical:

Shock:	MIL-STD-883, Method 2002, Condition B
Solderability:	MIL-STD-883, Method 2003
Vibration:	MIL-STD-883, Method 2007, Condition A
Solvent Resistance:	MIL-STD-202, Method 215
Resistance to Soldering Heat:	MIL-STD-202, Method 210, Condition I or J

### Environmental:

Thermal Shock:	MIL-STD-883, Method 1011, Condition A
Moisture Resistance:	MIL-STD-883, Method 1004

Specifications subject to change without notice.

Rev: L  
Date: 09-Aug-2018  
Page 1 of 1

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[AST3TDA53TACJ2-19.2000MHz](#) [AST3TDA53TACJ2-38.8800MHz](#) [AST3TDATAACJ5-19.2000MHz](#) [AST3TDATAACJ5-38.8800MHz](#)  
[SiT5155AI-FK-33E0-10.000000F](#) [CVT32-10.000](#) [SIT5356AI-FQ-33E0-25.000000X](#) [SIT5357AI-FQ-33N0-100.000000X](#) [DS32KHZSN+T&R](#)  
[XTCLH25M000THJA0P0](#) [LFTCXO075793Cutt](#) [LFTCXO077229Cutt](#) [LFPTXO000002Bulk](#) [LFTCXO077228Cutt](#) [LFTCXO077230Cutt](#)  
[LFTCXO075792Cutt](#) [AST3TQ53-T-10.000MHz-5-C](#) [ATX-11-F-26.000MHz-F05-T](#) [ATX-11-F-27.000MHz-F05-T](#) [ATX-12-F-32.000MHz-](#)  
[F05-T](#) [ATX-13-F-26.000MHz-F05-T](#) [I538-2O7- 25.000 MHz](#) [I537-2O7- 39.000 MHz](#) [I537-2O7- 25.000 MHz](#) [ECS-TXO-2016-33-320-TR](#)  
[ECS-TXO-2016-33-120-TR](#) [ECS-TXO-2016-33-250-TR](#) [ECS-TXO-2016-33-200-TR](#) [ECS-TXO-20CSMV-AC-260-AY-TR](#) [TG2016SMN](#)  
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[32.0000M-MCGNNM3](#) [TG2520SMN 32.0000M-ECGNNM3](#) [LFPTXO000001Bulk](#) [LFTCXO063711BULK](#) [LFTCXO063713BULK](#)  
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