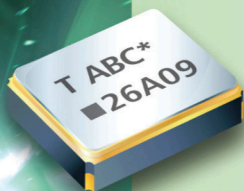


SMD TCXO

2.5 x 2.0 x 0.8 mm

7L Series

Oscillator Series



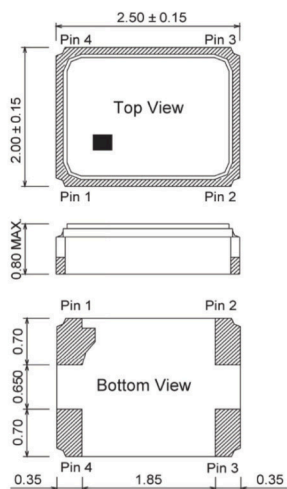
Features

- Temperature Stability: ± 0.5 ppm ~ ± 2.0 ppm
- Operating Temperature Range: -30 °C ~ 85 °C
- Supply Voltage: 1.8 V ~ 3.3 V
- Voltage Control Function Available
- Frequencies: 16.367667 MHz, 16.368 MHz, 16.369 MHz, 19.2 MHz, 26 MHz, 33.6 MHz, 38.4 MHz, 40 MHz
- Applications: GPS, WiMAX, Cellular and Wireless Communications
- RoHS Compliant / Pb Free

Electrical Specifications

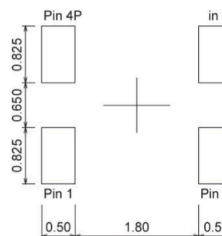
Item / Type		7L
Output Type		Clipped Sinewave
Output Load		10K Ω // 10 pF
Oscillation Mode		Fundamental
Supply Voltage		1.8 ~ 3.3 V
Frequency Range		13 ~ 52 MHz
Clipped Sinewave Output Voltage		0.8 Vp-p typical
Frequency Stability	Vs. Temperature (-30 ~ $+85$ °C)	± 0.5 / ± 2.0 ppm
	Vs. Load (Load varies ± 10 %)	± 0.2 ppm Max.
	Vs. Supply Voltage (V_{cc} = Typical ± 0.1 V)	± 0.2 ppm Max.
Frequency Tolerance	at 25 °C after 2 Reflows with Typical Applied to Auto Frequency Control Pin	± 2.5 ppm Max.
Slope of Frequency Drift		± 0.1 ppm / °C Typical ; ± 0.5 ppm / °C Max.
Storage Temperature Range		-40 ~ $+85$ °C
Auto Frequency Control (AFC) Range (Center @ 1.4 V)		± 7 ~ ± 16 ppm / V
Supply Current		2.0 mA Max.
Start-up Time		5 ms Max.
Harmonics		- 5 dBc Max.
Phase Noise at 1 KHz offset		- 130 dBc / Hz
Aging (at 25 °C)		± 1 ppm / year Max.

Dimensions



Pin Connection

Name	Function
Pin 1	AFC
Pin 2	GND
Pin 3	OUTPUT
Pin 4	VCC



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [TCXO Oscillators](#) category:

Click to view products by [TXC Corporation](#) manufacturer:

Other Similar products are found below :

[SiT5000AI-3D-33E0-10.000000X](#) [THD3031035LK280005-10.0M](#) [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](#) [LFPTXO000001Bulk](#)
[LFTCXO063711BULK](#) [LFTCXO063713BULK](#) [LFTCXO063715BULK](#) [LFTCXO063780BULK](#) [LFTCXO070027Cutt](#) [LFTCXO070028Cutt](#)
[LFTCXO070033Cutt](#) [LFTCXO070037Cutt](#) [LFTCXO070179Cutt](#) [LFTCXO070180Cutt](#) [LFTCXO007009BULK](#) [DS32KHZST&R](#)
[XNCLH20M000CHJA3P0](#) [XNCLH25M000THJA0P0](#) [XNCLH30M720THJA1P0](#) [XTCLH16M384THJA2P0](#) [XTCLH20M000CHJA0P0](#)
[XTCLH30M720THJA0P0](#) [NT2016SA-26.000000MHZ-NBG2](#) [SIT1552AI-JE-DCC-32.768E](#) [SIT1566AI-JE-18E-32.768E](#) [SIT1552AI-JF-DCC-32.768D](#) [SIT1566AI-JV-18E-32.768E](#) [SIT5000AICGE-33N0-25.000000X](#) [SiT5021AI-2BE-33VQ200.000000X](#) [SiT5155AI-FK-33E0-10.000000X](#) [SiT5155AI-FK-33VT-10.000000X](#) [SiT5156AI-FK-33E0-25.000000X](#) [SiT5157AI-FK-33N0-100.000000X](#) [7Q16300001](#) [7L-38.400MDG-T](#) [7Z-26.000MDG-T](#) [7Z-26.000MBG-T](#) [LFTCXO075792](#) [LFTCXO075797](#)