SMD Temperatured Compensated Crystal Oscillators 3.2 x 2.5 x 1.0 mm 7Q Series

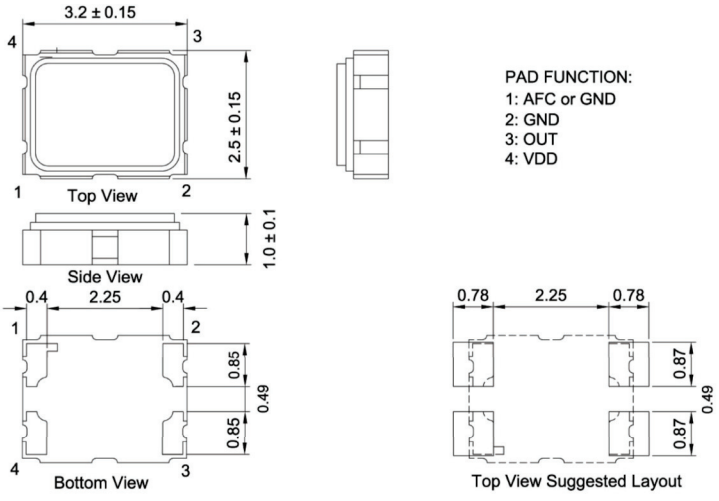
Features

- Temperature Stability: ± 0.5 ppm ~ ± 2.0 ppm
- Operating Temperature Range: - 30 ℃ ~ 85 ℃
- Supply Voltage: 1.8 V ~ 3.3 V
- Voltage Control Function Available
- Frequencies: 16.367667 MHz, 16.368 MHz, 16.369 MHz, 16.8 MHz, 19.2 MHz, 20 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		7Q
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 ℃)	± 0.5 / ± 2.0 ppm
	Vs. Load (Load varies ± 10 %)	± 0.2 ppm Max.
	Vs. Supply Voltage (Vcc = Typical ± 0.1 V)	± 0.2 ppm Max.
Frequency Tolerance	at 25 ℃ after 2 Reflows with Typical Applied to Auto Frequency Control Pin	± 2.5 ppm Max.
Slope of Frequency Drift		± 0.1 ppm / ℃ Typical ; ± 0.5 ppm / ℃ Max.
Storage Temperature Range		- 40 ~ + 85 ℃
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 ℃)		± 1 ppm / year Max.

Dimensions



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 SIT5002AI-8C-33N0-100.000000X AST3TQ-40.000MHZ-1 SIT5021AI-2DD-33E-100.000000X THD3031035LK280005-10.0M DS32KHZST&R JT3251P0040.000000 SiT5000AC-3E-33E0-19.440000Y XTCLH26M000TJJA6P0 XTCLH25M000TJJA5P0 XTCLH19M200TJJC3P0 TG2016SMN 38.4000M-MCGNNM3 TG2016SMN 48.0000M-MCGNNM3 TG2016SMN 19.2000M-ECGNNM3 TX-8010-EAE-2870-12M800 ECS-TXO-32CSMV-200-EN-TR CVT32-20.000 ASTX-H11-27.000MHZ-T VT-803-EAE-206A-52M0000000 SIT5356AI-FQ-33E0-25.000000X DS32KHZSN#T&R ECS-TXO-2520-33-120-AN-TR ECS-400-18-33-JGN-TR ECS-320-18-33-JEM-TR ECS-320-10-33-JTL-TR ECS-320-10-33-AGM-TR 581L200X2ITT LFPTXO000009Bulk AST3TQ-V-40.000MHz-28 AST3TQ-V-40.000MHz-50-C AST3TQ-T-15.360MHz-28 LFPTXO000316Bulk SiT1568AI-JE-DCC-32.768E AST3TQ-T-20.000MHz-28 AST3TQ-T-25.000MHz-28 LFPTXO000068Bulk AST3TQ-V-30.720MHz-28 LFPTXO000244Bulk LFPTXO006980Bulk XTCLH50M000CHJA3P0 LFPTXO000291Bulk AST3TQ-V-20.000MHz-28 LFPTXO000268Bulk AST3TQ-T-40.000MHz-28 AST3TQ-T-16.384MHz-28 ABDFTCXO-20.000MHz-L-2-CT LFTCXO073004Cutt KT2520K25000ZAW18TDS VT-803-EAH-1060-48M0000000 LFTCXO077226Cutt