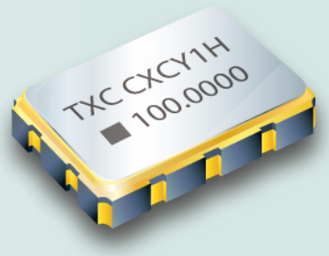
SMD HCSL Crystal Oscillators - Differential Output 5.0 x 3.2 x 1.2 mm CX Series

Features

- 3.3V and 2.5V operation available.
- HCSL output, output frequencies 25 MHz to 200 MHz.
- Excellent low phase noise and jitter.
- Tri-State function available.
- PCI-Express, SAS, SATA and other high-Speed interface applications.
- RoHS Compliant / Pb Free.

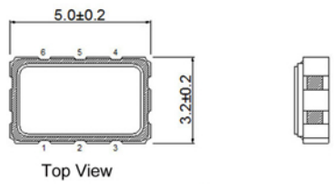


Electrical Specifications

Item / Type	CX
Output Type	HCSL
Output Load	50 Ω
Oscillation Mode	3rd Overtone
Supply Voltage	2.5 V , 3.3 V
Frequency Range	25 MHz to 200 MHz
Overall Frequency Stability *	± 50 ppm , or specify
Operating Temperature Range	-10 ~ + 70 ℃ , - 40 ~ + 85 ℃ , or specify
Storage Temperature Range	- 55 ~ + 125 ℃
Voltage Vol (Typ.) / Voh (Typ.)	0 mV / 740 mV
Rise (Tr) / Fall (Tf) Time (20 % ~ 80 %)	0.5 nS Max.
Supply Current	30 mA Max.
Symmetry	45 ~ 55 %
Start-up Time	10 mS Max.
Phase Jitter (12 KHz ~ 20 MHz)	0.2 pS Typ. , 1.0 pS Max.

* Inclusive of frequency tolerance at 25 ℃, variation over temperature, supply voltage variation, aging and vibration.

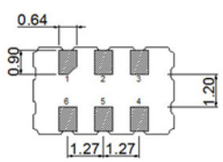
Dimensions



Top View



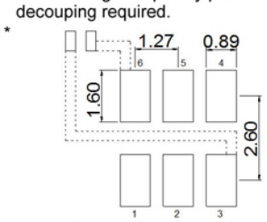
Side View



Bottom View

PAD FUNCTION:
1: ENABLE CONTROL or NC
2: ENABLE CONTROL or NC
3: GND
4: OUT
5: OUTN
6: VDD

* :External high frequency power supply decouping required.



Top View Suggested Layout

Units: mm

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TXC:

7C40000192 7V-24.576MDDE-T AM-16.000MAGE-T 7M-27.000MAAJ-T 7Z-26.000MBG-T 7C-8.000MBB-T 7M-25.000MEEQ-T 7X-1.8432MBE-T 8W-20.000MBE-T AM-40.000MAGE-T 7C-33.3330MBB-T 7R-25.000MAAJ-T 9H03200034 9HT10D-32.768KDZC-T 9HT10-32.768KEZC-T AV-22.5792MDHV-T 7A-25.000MAHE-T 8W-12.000MBC-T 9HT10-32.768KDZY-T QT325S-25.000MAHJ-T QT49-4.000MAAJ-B QTM750-100.000MBE-T BS-312.500MBC-T 7C-27.000MBB-T 7M-24.000MAAJ-T 7XZ-32.768KCE-T 8WE-33.333MBM-T 9HT12-32.768KDZF-T AA-25.000MALE-T AM-16.9344MAGV-T