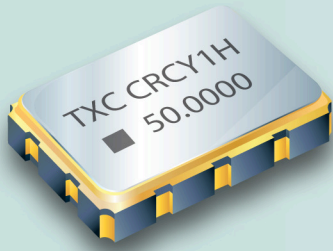


SMD CMOS VCXO - Single End Output 5.0 x 3.2 x 1.2 mm CR Series



Features

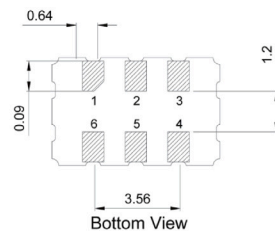
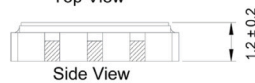
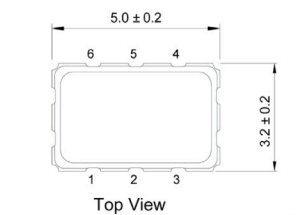
- Voltage Controlled Crystal Oscillator (VCXO).
- Fundamental solution.
- CMOS output, output frequencies 50 MHz to 200 MHz.
- Wide pull range and good linearity.
- Excellent low phase noise and jitter.
- Tri-State function available.
- Main applications : SDH / SONET, Ethernet, Base Stations.
- RoHS Compliant / Pb Free.

Electrical Specifications

Item / Type	CR
Output Type	CMOS
Output Load	15 pF
Oscillation Mode	Fundamental
Supply Voltage (VDD)	3.3 V
Frequency Range	50 ~ 200 MHz
Frequency Stability	± 50 ppm
Operating Temperature Range	- 40 ~ + 85 °C
Storage Temperature Range	- 55 ~ + 125 °C
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD
Rise (Tr) / Fall (Tf) Time	5 nS Max.
Supply Current	60 mA Max.
Symmetry	45 ~ 55 %
Start-up Time	10 mS Max.
Absolute Pulling Range (APR) *	± 50 ppm Min. , or specify
Nominal Control Voltage	0.5 VDD
Control Voltage Range	0 ~ VDD
Linearity	10 % Max.
Phase Jitter (12 KHz ~ 20 MHz)	1 pS Max.

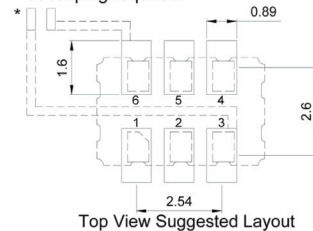
* APR=(Pull Range) - (Frequency tolerance at 25 °C, variation over temperature, supply voltage variation, and aging.)

Dimensions



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

* :External high frequency power supply decoupling required.



Units: mm

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

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[CVPD-922X-100.000](#) [CVSS-945-125.000](#) [ASVV-4.096 MHz-L50-N152-T](#) [CVHD-950-122.880](#) [CVHD-950-80.000](#) [CVHD-950X-100.000](#)
[CVHD950X-54.000](#) [CVPD-920-100.000](#) [ASG-P-V-A-1.000GHZ](#) [ECXV-P37C2M-640.000](#) [CVPD-920-80.000](#) [CVHD-957-22.57920](#) [ECXV-](#)
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[155.520MHZ](#) [ABLJO-V-160.000MHz](#) [ABLJO-V-200.000MHz](#) [ABLJO-V-200.000MHZ-T](#) [ABLJO-V-96.000MHz](#) [ABLNO-V-100.000MHz](#)
[ABLNO-V-100.000MHz-T2](#) [ABLNO-V-120.000MHz-T2](#) [ABLNO-V-122.880MHz](#) [ABLNO-V-125.000MHz](#) [ABLNO-V-156.250MHz](#)
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