

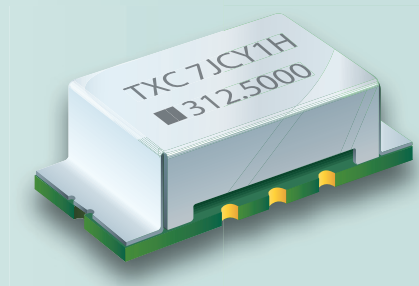
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# SMD Crystal Oscillators- CMOS Output 14.0 x 9.0 x 5.4 mm 7J Series

Oscillators  
 Series

## Features

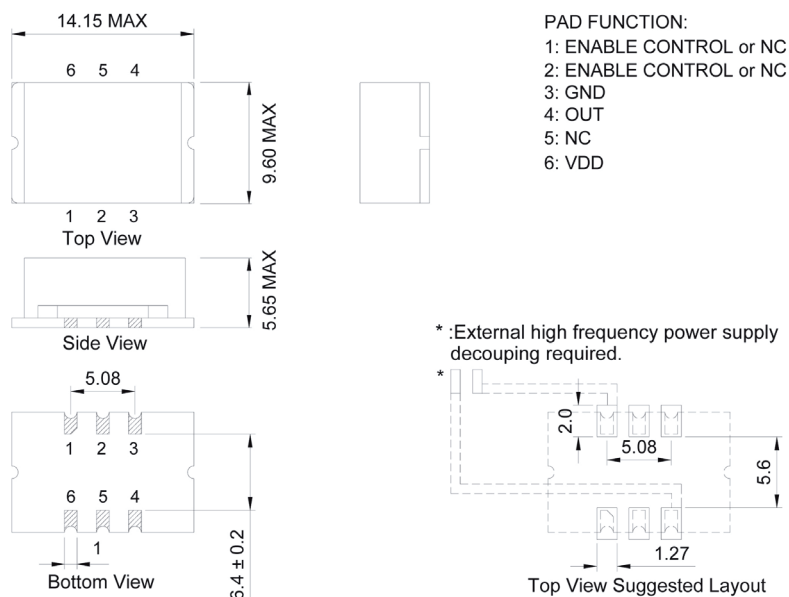
- Surface mount package.
- Either fundamental and 3rd overtone solution.
- CMOS output.
- Excellent low phase noise and jitter.
- Tri-State function available.
- Applications : Fibre Channel, Gigabit Ethernet, Serial ATA, Serial Attached SCSI, PCI-Express, SDH/SONET.
- RoHS Compliant / Pb Free.



Electrical Specifications	7J
Output Type	CMOS
Output Load	15 pF, or Specify
Oscillation Mode	Fundamental / 3rd Overtone
Supply Voltage	1.8V , 2.5V , 2.8V , 3.3 V , 5.0 V
Frequency Range	1 ~ 170 MHz
Overall Frequency Stability*	± 50 ppm, or Specify
Operating Temperature Range	- 10 ~ + 70 °C , - 40 ~ + 85 °C
Storage Temperature Range	- 55 ~ + 125 °C
Rise ( Tr ) / Fall ( Tf ) Time ( 20 % ~ 80 % )	10 nS (1~10 MHz), 7 nS (20~50 MHz), 5 nS (>50 MHz) Max.
Supply Current	50 mA Max.
Symmetry	40 ~ 60 %
Start-up Time	10 mS Max.
Phase Jitter ( 12 KHz ~ 20 MHz )	1 pS Max.

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

## Dimensions



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>