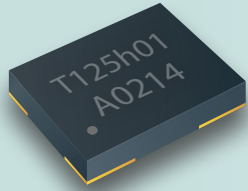


# SMD Oscillators

## CMOS Output

### 2.5 x 2.0 x 0.75 mm TD Series

Think of Frequency Think of **TXC**  
come visit our site <http://www.txccorp.com>



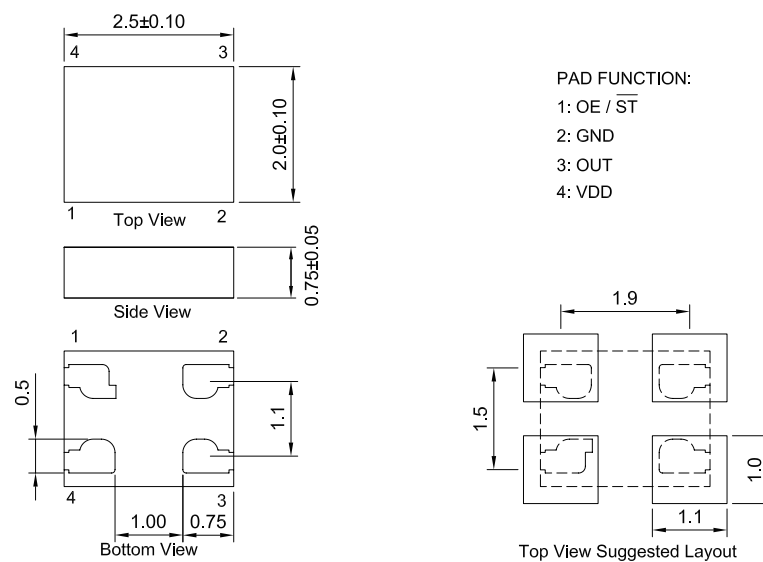
#### Features

- Molded in plastic package.
- Silicon-based MEMS oscillator.
- Frequency range 1~150MHz.
- High stability, low power consumption.
- RoHS Compliant / Pb Free.
- Main application: GPON, EPON, Tablet PC, SSD, SAS, SATA, DVR, DSC.

#### Electrical Specifications

Item / Type	TD
Output Frequency Range	1~ 150MHz
Output Type	CMOS
Supply Voltage	1.8V, 2.5V, 2.8V, 3.3V
Frequency Stability	±20 ppm / ±25 ppm / ±50 ppm
Operating Temperature Range	-20 ~ +70°C / -40 ~ +85°C
Output Load	15pF Max.
Supply Current	15.0 mA Max. (1.0~ 60.0 MHz Vdd=3.3V) 20.0 mA Max. (60.0~ 150 MHz Vdd=3.3V)
Voltage Vol ( Max. ) / Voh ( Min. )	0.1 VDD / 0.9 VDD
Symmetry	45%~55% (1 ~ 75 MHz) 40%~60% (75 ~ 150 MHz)
Rise / Fall Time	5 ns. Max.
Start-up Time	10msec Max.
Storage Temperature Range	-55 ~ +125°C

#### Dimensions



Units: mm