

SMD Oscillators CMOS Output 2.5 x 2.0 x 0.75 mm TD Series

Oscillators
 Series

Features

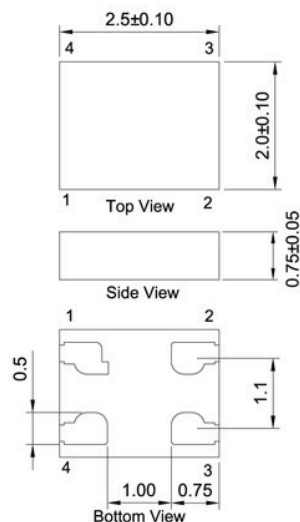
- Molded in plastic package
- Silicon-based MEMS oscillator
- Frequency range 1~150MHz
- High stability, low power consumption
- RoHS Compliant / Pb Free
- Main application : DSC, NB Computers, Computer Peripherals



Electrical Specifications

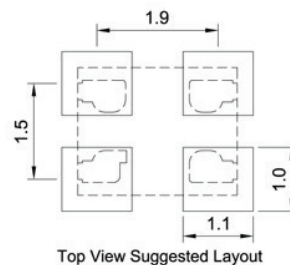
| Item / Type | TD |
|-------------------------------------|--|
| Output Frequency Range | 1~ 150MHz |
| Output Type | CMOS |
| Supply Voltage | 1.8V, 2.5V, 3.3V |
| Frequency Stability | ±25ppm |
| Operating Temperature Range | -40 ~ +85°C |
| Output Load | 15pF Max. |
| Supply Current | 25.0 mA Max.(1.0~ 60.0 MHz Vdd=3.3V) |
| | 30.0 mA Max. (60.0~ 133.33 MHz Vdd=3.3V) |
| Voltage Vol (Max.) / Voh (Min.) | 0.1 VDD / 0.9 VDD |
| Symmetry | 45%~55% (1.0~ 100.0 MHz) |
| | 40%~60% (100 ~ 200.0 MHz) |
| Rise / Fall Time | 3 ns. Max. |
| Start-up Time | 10msec Max. |
| Storage Temperature Range | -55 ~ +125°C |

Dimensions



PAD FUNCTION:

- 1: OE / ST
- 2: GND
- 3: OUT
- 4: VDD



Units: mm

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