

TVS18VCK-G2

Crystal Clock Oscillators (VCXO)

Feature

- Ultra-small,reflow solderable,tri-state output function.
- C-MOS IC,Direct connection with IC is Possible.
- Suitable as a standard clock signal source,Wireless LAN and other high precision requirements.
- RoHS compliance applied

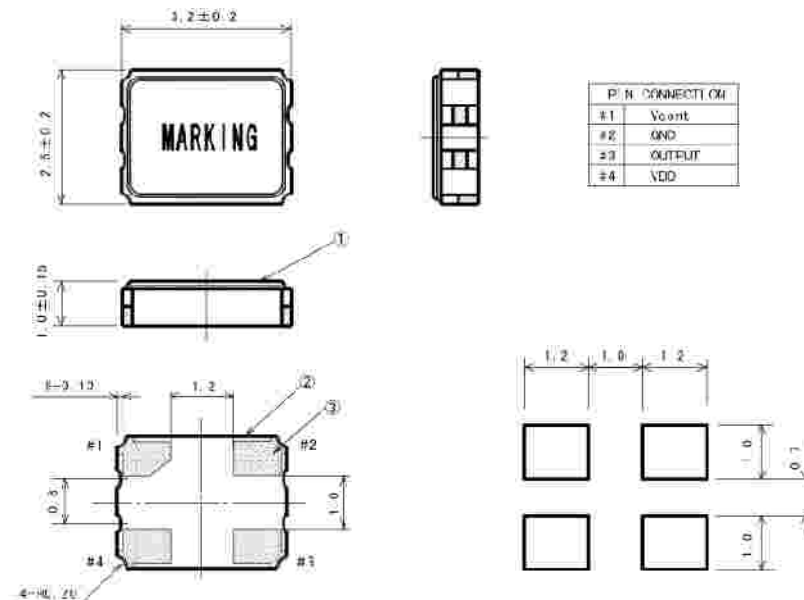


Specifications

| Item | Symbol | Specifications | Conditions |
|-----------------------|-----------|--|-----------------------|
| Frequency Range | f_0 | 1.0MHz ~ 52.0 MHz | |
| Supply Voltage | Vdd | +3.3V | |
| Input Current | Idd | 25 mA max. | Vdd=3.3V |
| Load | L_CMOS | 15 pF | C-MOS |
| Frequency Stability | f_{tol} | $\pm 50, \pm 100 \times 10^{-6}$ max. (at -10 °C ~ +70 °C) | All Condition |
| Output Voltage | V | $V_{OH}: V_{CC} \times 90\%$ min. $V_{OL}: V_{CC} \times 10\%$ max. | |
| Symmetry | SYM | 40% ~ 60% | 50% Vdd |
| Rise / Fall Time | tr/ tf | 5 ns max. | |
| Frequency Pullability | | $\pm 100 \times 10^{-6}$ min. | Vc=+1.65V \pm 1.65V |

?Outline

* Linearity 10% max.



Products with specific requirements are available upon request