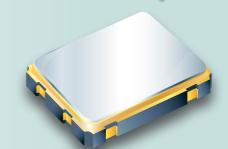
TXC

SMD Crystal Oscillators-CMOS Output 7.0 x 5.0 x 1.3 mm 7W Series

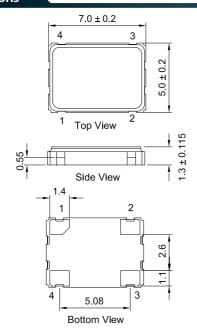
Features

- · Small SMD seam sealed clock crystal oscillator units.
- · High precision characteristic covering up to wide frequency range.
- · Designed for automatic mounting and reflow soldering.
- · Tri-State function available.
- · Supply voltage range : 1.8 V ~ 5 V.
- · High stability, low jitter, low power consumption.
- · Main application : wireless communication, PC, and LCDM.
- · RoHS Compliant / Pb Free.



| lectrical Specifications | | | | |
|-------------------------------------|---------------------------------|-----------------------|---------------|--|
| Item / Type | | 7W | | |
| Output Type | | CMOS | | |
| Output Load | 15 pF | 15 pF , 30 pF | 15 pF , 50 pF | |
| Oscillation Mode | Fundamental / 3rd Overtone | | | |
| Supply Voltage | 1.8 V | 2.5 V , 2.8 V , 3.3 V | 5 V | |
| Frequency Range | 1 ~ 170 MHz | | | |
| Frequency Stability | ± 25 ppm , ± 50 ppm | | | |
| Operating Temperature Range | - 10 ~ + 70 °C , - 40 ~ + 85 °C | | | |
| Storage Temperature Range | - 55 ~ + 125 ℃ | | | |
| Voltage Vol (Max.) / Voh (Min.) | 0.1 VDD / 0.9 VDD | | | |
| Rise (Tr) / Fall (Tf) Time | 8 ns Max. | | | |
| Supply Current | 20 mA Max. | | | |
| Symmetry | 40 ~ 55 % , 40 ~ 60 % | | | |
| Start-up Time | 5 ms Max. | | | |
| Phase Jitter (12 KHz ~ 20 MHz) | | 1 ps Max. | | |
| Aging (at 25 °C) | | ± 3 ppm / year Max. | | |

Dimensions



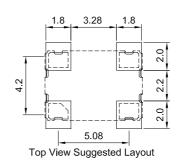
PAD FUNCTION:

1: ENABLE CONTROL

2: GND

3: OUT

4: VDD



Units: mm