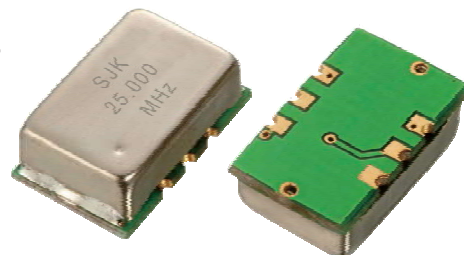


9T Series Temperature Compensated Crystal Oscillator

Features

- Typical 14.3×8.7×4.9mm.
- Metal cover, FR-4 PCB based.
- Output: TTL/CMOS or Clipped Sine Wave.
- Low current option(2mA for Clipped Sine Wave).
- VC-TCXO available.
- Automatic mounting and reflow soldering.
- Applications: Marine communication, Mobile communication, Aerial radio, Satellite, Femtocell, Test equipment, Avionics, etc.
- High stability and high reliability.
- RoHS Compliant / Pb-Free.

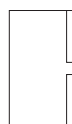
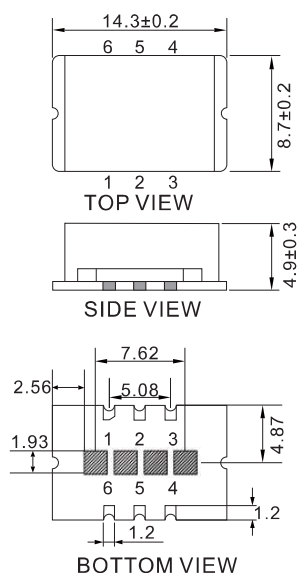


Electrical Specifications

| Item /Type | | 9T (Thru-Hole TCXO) | |
|---------------------------------|--------------------------------|----------------------------------|-------------------|
| Output Type | | TTL/CMOS | Clipped Sine Wave |
| Output Load | | 15pF | 10KΩ //10pF |
| Oscillation Mode | | Fundamental | |
| Supply Voltage | | 3.3V /5.0V | |
| Frequency Range | | 5 ~ 40 MHz | |
| Frequency Tolerance | | ±2.0ppm | |
| Operating Temperature Range | | -20~+70°C, -40~+85°C, or specify | |
| Storage Temperature Range | | -55~+125°C | |
| Control Voltage Range (VC-TCXO) | | 0.5~2.5V | |
| Supply Current | | 6mA Max. | 3.5mA Max. |
| Frequency Stability | .Vs Supply Voltage(±5%) Change | ±0.3ppm Max. | |
| | .Vs Load(±10%) Change | ±0.2ppm Max. | |
| | .Vs Aging (@ 1st year) | ±1.0ppm Max. | |
| Start-up Time | | 2ms Max. | |
| Pulling Range (VC-TCXO) | | ±5.0ppm Min. | |
| Product Size | | 14.3×8.7×4.9 mm | |

Dimensions

Units:mm



PAD FUNCTION:

- 1: Voltage Control / NC
- 2: 3-state / NC
- 3: GND & Case
- 4: OUT
- 5: NC
- 6: Supply Voltage

Solder Pad Layout

