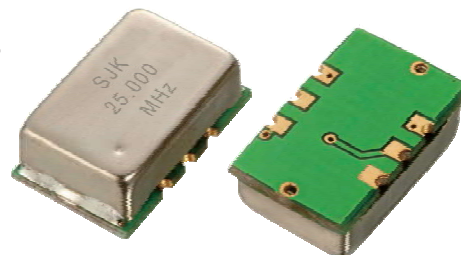


9T Series Temperature Compensated Crystal Oscillator

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.

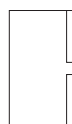
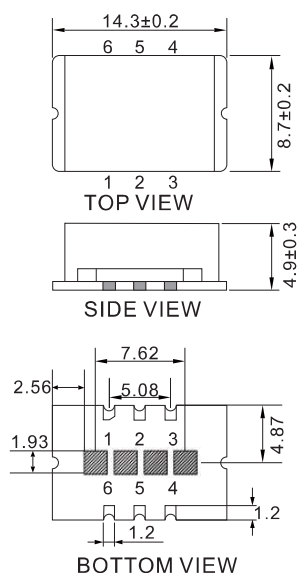


Electrical Specifications

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

