

# TCXO (Temperature Compensated Crystal Oscillator) **SJK**

Size: 20.4×12.8×7.8 mm

6T Series DIP TCXO /VC-TCXO

## Features

- Output frequency: 1.25~52MHz
- Typical 20.4×12.8×7.8 mm
- CMOS or Clipped Sine wave output
- Double sealed metal case and high reliability
- VCTCXO available
- Hermetically 14 Pin DIP package
- Applications: Large-Scale equipment, Military, Test equipment, Avionics, etc.
- RoHS Compliant /Pb Free

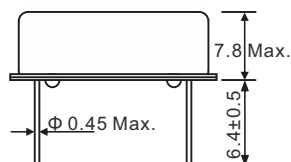
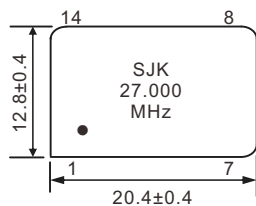


## Standard Specification

Item /Type		6T (DIP TCXO /VC-TCXO)	
Output Type		Clipped Sinewave	CMOS
Output Load		10KΩ //10pF	15pF
Supply Voltage		2.8V /3.3V	
Frequency Range		10~52 MHz	1.25~52 MHz
Supply Current		4.0mA Max.	25mA Max.
Output Level		0.8 Vp-p Min.	0.1Vcc /0.9Vcc
Frequency Stability	Tolerance	±2.0ppm Max. (after 2 reflows)	
	vs Temperature	±1.0ppm Max.	
	vs Supply Voltage (Vcc±5%)	±0.2ppm Max.	
	vs Load (Load Varies±10%)	±0.2ppm Max.	
	vs Aging	±1.0ppm Max. /Year	
Auto Frequency Control (AFC) Range*		±5~±10ppm (1.5±1V)	
Start-up Time		2ms Max.	2ms Max.
Operating Temperature		-40~+85°C, or specify	
Phase Noise @13MHz	100Hz	-115dBc/Hz	
	1KHz	-135dBc/Hz	
	10KHz	-148dBc/Hz	
Packing Unit		100pcs.	

\*AFC Range is selective and disable is acceptable.

## Dimensions [mm]



### Pin Connections

Pin No.	Connection
1	Vcon(VC-TCXO)/GND(TCXO)
2	GND
3	Output
4	Vcc

