

Features

Output frequency: 1.2 ~ 52 MHz
 Standard 20.4×12.8×7.8 mm
 CMOS or Clipped Sine wave output
 Double sealed metal case and high reliability
 VC-TCXO available
 Hermetically DIP-14 package
 Applications: Aerospace equipment, Military
 Vibration resistant, Shock resistant

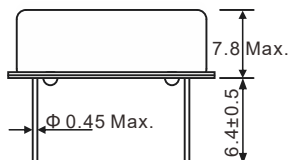
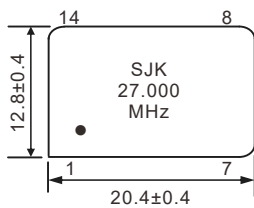


Standard Specifications

Type		6T DIP-14 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.	

*For VC-TCXO option.

Dimensions [mm]



Pin Functions

Pin No.	Function
1	A. Vcon (VC-TCXO) B. GND (TCXO)
2	GND
3	Output
4	Vcc

