



■ PCB TCXO 20.5×20.5mm

- Temperature Compensated Crystal Oscillator
 - Voltage Controlled Temperature Compensated crystal Oscillator
 - Low Jitter
 - Mode : Fundamental, 3rd, Multi
 - HCMOS / TTL, Clipped Sinewave OUTPUT
- Applications : Network equipment etc. Measuring instrument.

■ Standard Specification

Frequency Range	9.6000MHZ to 50.000MHZ		1.200MHZ to 200.000MHZ	
Supply voltage	3.3V to 5.0V			
Output Level	Clipped Sinewave		HCMOS / TTL	
Current consumption	0.8Vp-p min (3.3V)		TTL : 2.4V min, 0.4V max	
	1.0Vp-p min (5.0V)		HCMOS : Vdd 90% min, 10% max	
	8mA max		50mA max	
Temperature Range	Operating	-40°C to +85°C, User spec		
	Storage	-55°C to +125°C		
Frequency stability	temperature	Temp	Stability (ppm)	
		0 ~ 50°C	±1.0, ±2.0, ±3.0	
		-10 ~ 70°C	±1.5, ±2.0, ±2.5, ±3.0	
		-20 ~ 70°C	±2.0, ±2.5, ±3.0, ±4.0, ±5.0	
	-40 ~ 85°C	±3.0, ±4.0, ±5.0		
	load	±0.3ppm max		
voltage	±0.3ppm max			
aging	±1ppm max			
Output load condition	10kΩ // 10pF (Clipped Sinewave)			
Symmetry (Duty)	45% to 55%			
Output rise and fall time (tr/tf)	5ns max			
Internal Trimmer	±3ppm min			
Frequency Deviation	±5ppm to ±10ppm min			

■ Dimensions (mm)

