



■ PCB TCXO 11.4×9.6mm

- 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)

