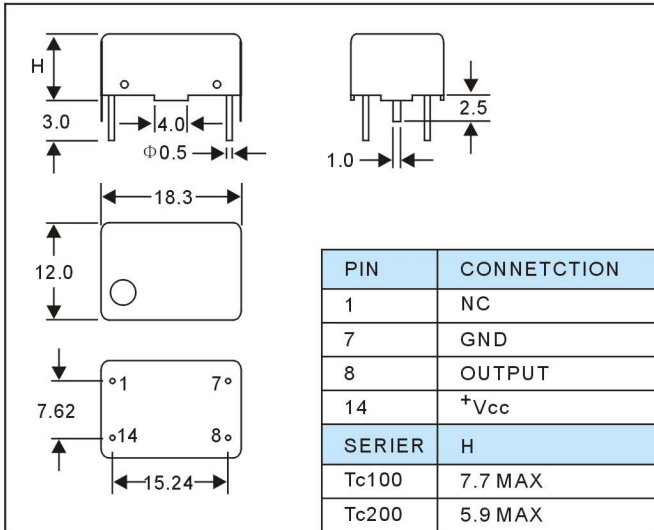


## Series TCXO



### External dimensions

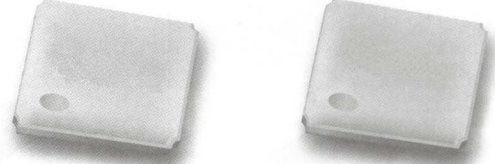
Unit: mm



Item	Specification	Remarks		
Series	TC100   TC200			
Nominal Frequency Range	8.000MHz to 40.000MHz 30.000MHz to 150.000MHz	Fundamental Mode: AT out PLL		
Frequency Stability Over Temperature Range	±1.0PPM	0°C to +50°C		
	±1.5PPM	-10°C to +60°C		
	±2.0PPM	-20°C to +70°C		
	±2.5PPM	-30°C to +75°C		
	±5.0PPM	-40°C to +85°C		
Supply Voltage	+3.3VDC ± 5% or +5.0VDC ± 5%			
Supply Current	3mA	Clipped Sine		
	25mA	TTL/CMOS		
Frequency Stability	Aging	±1.0PPM Per Year		
	Versus Supply Variation	±0.3PPM Per Vcc ± 5%		
	Versus Out Load Variation	±0.2PPM Per Standard Load ± 10%		
	Jitter	100ps Peak to Peak		
	Allan Variation	1 × 10 <sup>-5</sup> /S		
Frequency Stability	Phase Noise	Short-term	100Hz	-100dBc/Hz
		Frequency	1KHz	-130dBc/Hz
		Stability	10KHz	-140dBc/Hz
			100KHz	-145dBc/Hz
Output and Load	Output Waveform	Clipped Sine	TTL/CMOS	
	Output Levels	1Vp-P	TTL/CMOS	
	Duty Cycle	50% ± 10%		
	Rise Time & Fall Time	5ns		
	Load	10K Ω // 10pF	2LSTTL/CMOS	
Frequency Adjustment	±3PPM			

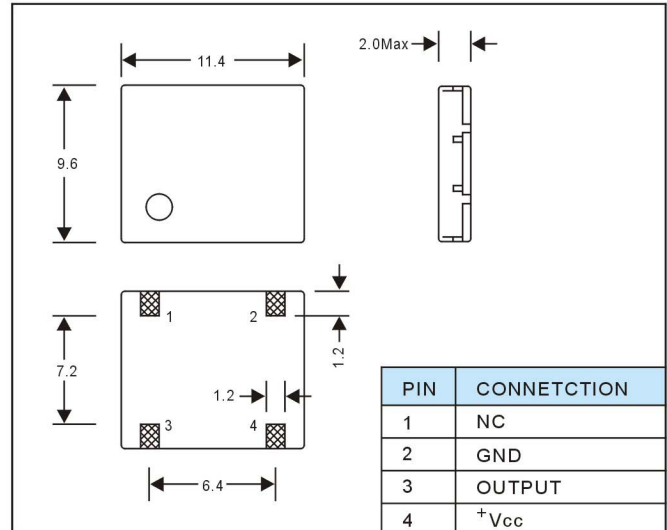
Remark:  
All specifications subject to change without notice.

## Series SMD TCXO



### External dimensions

Unit: mm



Item	Specification	Remarks
Series	MTC	
Nominal Frequency Range	8.000MHz to 40.000MHz	
Operating Frequency Range	-40°C to +85°C	
Versus Temperature Range	±5.0PPM ±1.5PPM	-40°C to +85°C -30°C to +75°C
Versus Aging	±1.0PPM/Year	
Versus Voltage	±0.3PPM Max: Vcc ± 5%	
Supply Voltage	±5.0VDC ± 5%	±5.0VDC ± 5%
Supply Current	2mA	
Output And Load	Output Waveform	Clipped Sine   TTL/COMS
	Output Levels	1VPP
	Load	10pF/10K Ω ± 10%
Frequency Adjustment	±3PPM	

Remark:  
All specifications subject to change without notice.