

# Oven Controlled Crystal Oscillator



Size: 14.3×9.3×6.5 mm

9P Series SMD OCXO

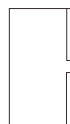
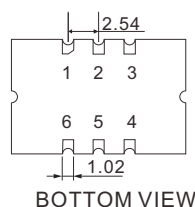
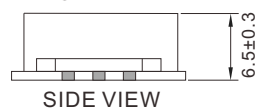
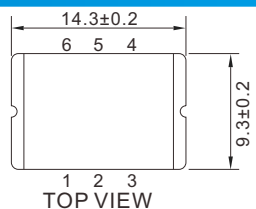
## Features

- Small size SMD OCXO 14.3×9.3×6.5mm.
- Low phase noise.
- Stratum 3 (Overall ±4.6 ppm including 10 years aging.)
- Application for Base station, Measuring equipment, Synthesizer, Digital switch, Reference Timing Circuit, etc.

## Electrical Specifications

Item /Type		9P (SMD OCXO)
Output Type		HCMOS
Output Load		15pF
Output Frequency range		5MHz~40MHz
Output Wave Form		Rectangular
Supply Voltage		3.3V / 5.0V
Operating Temperature Range		-30~+70°C, or specify
Frequency Stability	Frequency Tolerance	±0.1ppm Max.
	Vs. Temperature	±0.1ppm Max.
	Vs. Supply Voltage	±20ppb Max.
	Vs. Aging	±1.0ppm Max.
0 Level Output Voltage (Max.)		10% VDD
1 Level Output Voltage (Min.)		90% VDD
Symmetry		45~55%
Spurious		-60dBc
Warm-up		±0.1ppm (In 5 minutes @ +25°C, referenced to 1 hour)
Power Consumption (Steady state)		0.6W Max.
Phase Noise	Offset 10Hz	-90Bc/Hz
	Offset 100Hz	-115dBc/Hz
	Offset 1KHz	-135dBc/Hz
	Offset 10KHz	-145dBc/Hz
Dimension (L×W×H)		14.3×9.3×6.5 mm

## Dimensions



Units:mm

PAD FUNCTION:  
 1: Voltage Control / NC  
 2: 3-state / NC  
 3: GND & Case  
 4: OUT  
 5: NC  
 6: Supply Voltage

Solder Pad Layout

