

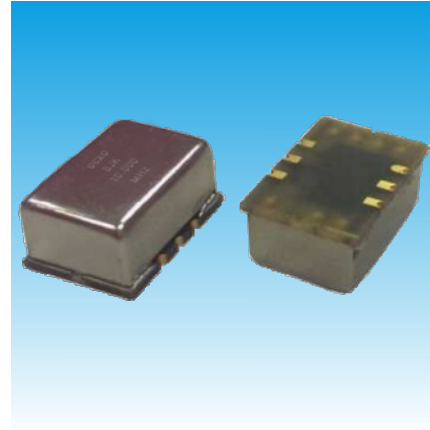
OCXO | Oven Controlled Crystal Oscillator

Size: 14.3×9.3×6.5 mm

9X Series SMD OCXO

Features

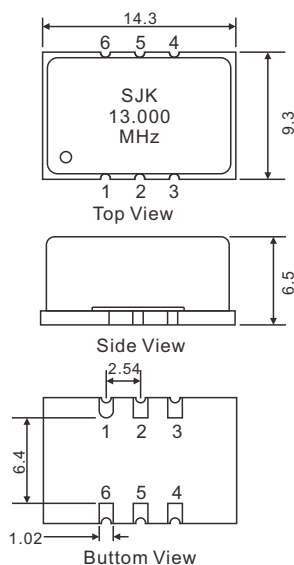
- Typical 14.3×9.3×6.5mm SMD OCXO
- Frequency range from 5MHz to 40MHz
- ±30ppb stability over -40~+85°C
- Stratum 3(Overall ±4.6ppm including 20 year aging.)
- Automatic mounting and reflow soldering
- Applications: Base station, Synthesizer, Digital switch, Measuring equipment, etc
- RoHS Compliant /Pb Free



Standard Specification

Item /Type		9X Series (SMD OCXO)
Output Type		HCMOS
Output Load		15pF, or specify
Output Wave Form		Rectangular
Frequency Range		5~40MHz
Supply Voltage		3.3V/5.0V
Operating Temperature		-30~+70°C, or specify
Frequency Stability	Tolerance	±30ppb
	vs Temperature	±30ppb
	vs Supply Voltage	±5ppb Max.
	vs Aging	±0.2ppb/Days, ±0.4ppm/Year, ±2.0ppm/10 Years Max.
Voltage Vol(Max.) /Voh (Min.)		0.1Vcc/0.9Vcc Max.
Duty Cycle		45~55%
Spurious		-60dBC Max.
Warm-up		±0.1ppm (In 5 minutes @25°C, referenced to 1 hour)
Power Consumption (Steady state)		0.6W Max.
Frequency Adjustment Range		±5ppm (+1.65±1.65V/+2.5±2.5V)
Phase Noise @20MHz	@10Hz	-98dBc/Hz Typ.
	@100Hz	-126dBc/Hz Typ.
	@1KHz	-145dBc/Hz Typ.
	@10KHz	-152dBc/Hz Typ.

Dimensions [mm]



Pin Connections

Pin No.	Connection
1	Vco Input /NC
2	OE /NC
3	0 Volts & Case
4	R.F. Output
5	NC
6	Vdd

