

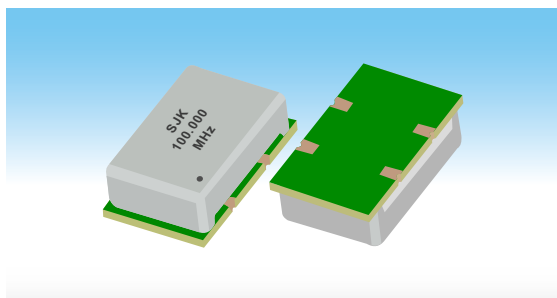
VCXO / Voltage Controlled Crystal Oscillator

9S Series SMD VCXOs

1.25~150MHz

O: CMOS

Size:14.0×9.0×3.6 mm



Features

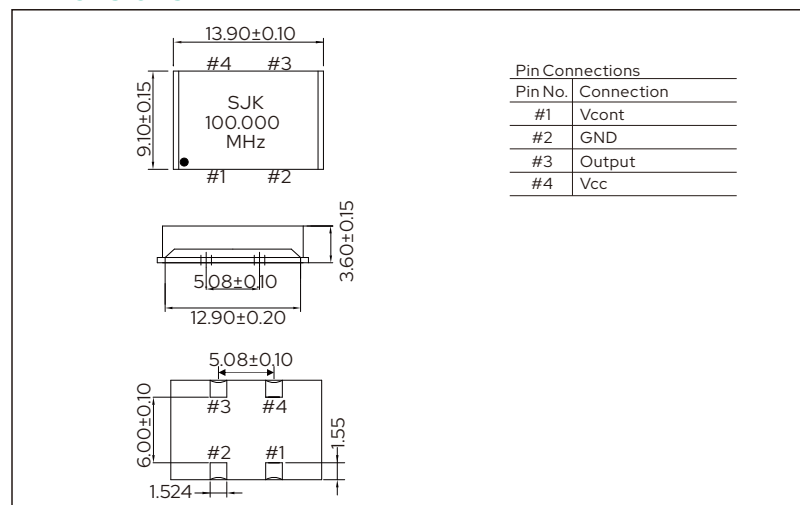
- SMD 14×9 VCXO (Voltage Controlled Crystal Oscillators)
- Operating voltage: 1.8V / 3.3V / 5.0V
- High frequency range: 1.25MHz~150MHz
- Low current consumption
- Low phase noise
- Application for instrument, Microwave communication, Test & Measurement, Telecom system, Satellite, etc
- RoHS Compliant /Pb Free



Standard Specifications

Item	Type	9S Series SMD 14×9.0 VCXOs		
Output Type		CMOS		
Load condition		15pF, or specify		
Frequency Range		16MHz~50MHz	1.25MHz~50MHz	50MHz~150MHz
Supply Voltage		1.8V /3.3V /5.0V		
Frequency Control Voltage		0.9V±0.9V(1.8V), 1.65V±1.65V(3.3V), 2.5V±2.5V(5V)		
Frequency Stability (All Condition)		±25ppm, ±50ppm, ±100ppm, or specify		
Frequency Adjustment Range		±80ppm min., or specify		
Current Consumption		45mA max.		
Stand-by Current		30μA max.		
Symmetry		45~55%		
0 Level Output Voltage (V _{OL})		V _{CC} ×0.1 max.		
1 Level Output Voltage (V _{OH})		V _{CC} ×0.9 min.		
Rise Time / Fall Time		10ns max.		
OE Pin 0 Level Input Voltage (V _{IL})		0.3V _{CC} max.		
OE Pin 1 Level Input Voltage (V _{IH})		0.7V _{CC} min.		
Phase Jitter (12KHz~20MHz)		1.6ps max.		
Start-up Time		10ms max.		
Linearity		10% max.		
Input Impedance		100MΩ min.		
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify		
Storage Temperature Range		-55~+125°C		
Packing unit		500 pcs./reel		

Dimensions



Recommended Land Pattern [mm]

