

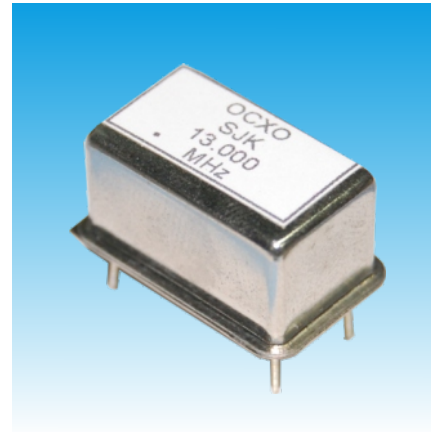
OCXO | Oven Controlled Crystal Oscillator **SJK**

Size: 20.3×12.7×11 mm

2X Series DIP OCXO

Features

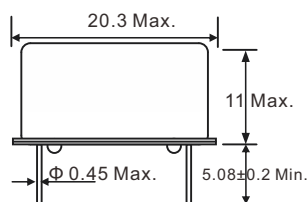
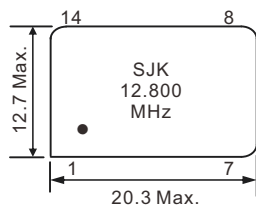
- Full size 4 pin DIP full metal package
- Frequency range from 5MHz to 40MHz
- Supply voltage: 3.3V/5.0V
- Stratum 3 (Overall ± 4.6 ppm including 20 year aging.)
- Low phase noise
- Applications: Base station, Synthesizer, Digital switch, Measuring equipment, etc
- RoHS Compliant /Pb Free



Standard Specification

Item /Type		2X Series (14-Pin DIP 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	± 0.1 ppm
	vs Temperature	± 50 ppb~ ± 200 ppb
	vs Supply Voltage	± 50 ppb Max.
	vs Aging	± 5.0 ppb/Days, ± 0.5 ppm/Year, ± 3.0 ppm/10 Years Max.
Voltage Vol(Max.) /Voh (Min.)		0.1Vcc/0.9Vcc Max.
Duty Cycle		45~55%
Spurious		-60dBC Max.
Warm-up		± 0.1 ppm (In 5 minutes @25°C, referenced to 1 hour)
Power Consumption (Steady state)		0.8W Max.
Frequency Adjustment Range		± 5 ppm (+1.65 \pm 1.65V/+2.5 \pm 2.5V)
Phase Noise @20MHz	@10Hz	-105dBc/Hz Typ.
	@100Hz	-130dBc/Hz Typ.
	@1KHz	-140dBc/Hz Typ.
	@10KHz	-150dBc/Hz Typ.

Dimensions [mm]



Pin Connections

Pin No.	Connection
1	Vco Input /NC
7	0 Volts & Case
8	R.F. Output
14	Vdd

