
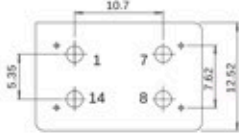
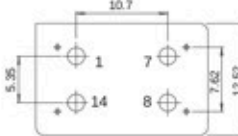


OCXO DIL 14 Package RoHS

Type SCOCXO	Type OCXO
Package DIL14 20 x 12 mm	Package DIL14 20 x 12 mm
	
 <p style="text-align: center;">h=7.8 mm</p>	 <p style="text-align: center;">h=7.8 mm</p>

Standard							
Product Type	Package size	Frequency (MHz)	Supply Voltage	Temperature Range	Output	Thermal	Features / Application
SCOCXOL	DIL14	up to 54	3.3 / 5 / 12 V	-55 to 85°C	HC-MOS	From +/- 25 ppb	Low Consumption
SCOCXOHS	DIL14	10 to 120	3.3 / 5 V	-40 to 85°C	Sine Wave	From +/- 25 ppb	Very Low Phase Noise
SCOCXOH	DIL14	10 to 120	3.3 / 5 V	-40 to 85°C	HC-MOS	From +/- 25 ppb	Very Low Phase Noise
SCOCXO	DIL14	up to 54	3.3 / 5 / 12 V	-55 to 85°C	HC-MOS	From +/- 25 ppb	High Stability
SCOCXOS	DIL14	10 to 54	3.3 / 5 / 12 V	-55 to 85°C	Sine Wave	From +/- 25 ppb	High Stability
OCXOVT-SAR	DIL14	10 to 40	3.3 / 5 / 12 V	-40 to 85°C	Sine Wave	NS	Cospas Sarsat
OCXOST	DIL14	up to 54	3.3 / 5 / 12 V	-40 to 85°C	HC-MOS	4.6 ppm overall	Stratum 3
OCXOS	DIL14	10 to 54	3.3 / 5 / 12 V	-40 to 85°C	Sine Wave	From +/- 50 ppb	
OCXO	DIL14	up to 54	3.3 / 5 / 12 V	-55 to 85°C	HC-MOS	From +/- 50 ppb	

* data sheet for additional details on request

Applications
<ul style="list-style-type: none"> • Airborne Equipment • Telecom Transmission • Sonet / SDH / DWD / FDM/36 / WINMAX • Battery Operated Systems • Instrumentation • Radio Transceiver • Cospas Sarsat • Stratum 3

Description
<p>- In an OCXO, the crystal and other temperature sensitive components are placed in an ovenized enclosure where a temperature sensor, a heating element, and the oven control circuitry provide a temperature stabilized environment, thus isolating the crystal from external temperature variations. Keeping the crystal at a constant temperature greatly improves the oscillator performance and frequency accuracy.</p> <ul style="list-style-type: none"> - Frequency range up to 120 MHz - OCXO'S are high shock and vibration resistant, ultra low power consumption & low aging. - Operating temperature range from -55°C to +85°C.

