

SC-Cut OCXOSeries **COC14****Applications**

- * Cellular Base Station
- * GSM & CDMA System
- * Test Equipment
- * Frequency Synthesizer
- * Digital Switching

Features

- * High Reliability
- * Low Aging
- * Excellent Phase Noise
- * Mass Production With Good Uniformity
- * ROHS Compliant

- * Custom Build Capability
- * SC-Cut

Part Numbering Example: **COC14Z-A219.200****COC14 Z - A2 19.200**

SERIES	ADDED FEATURES	OPERATING TEMP.	FREQUENCY
COC14	Blank = Bulk Package T = Tube Z = Tape and Reel	A2 = -40° to + 85°C	19.2 MHz

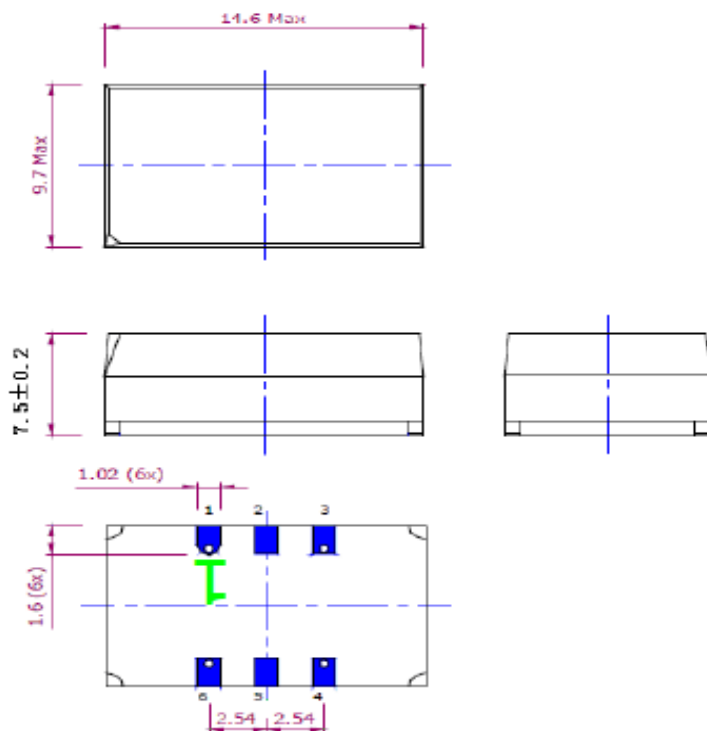
<i>Specifications:</i>	<i>Min</i>	<i>Typ</i>	<i>Max</i>	<i>Unit</i>
Frequency Range:		19.200		MHz
Frequency Stability Vs. Temperature:			30	ppb
Frequency Accuracy: Vc=+1.65V@25°C			500	ppb
Initial Frequency Accuracy: Vc=+1.65V(+25°C)			500	ppb
Storage Temperature Range:	-55		+105	°C
Supply Voltage:	3.135	3.3	3.465	V
Operating Temperature:	-40		+ 85	°C
Load Stability:		10		ppb/CL±10%
Power Supply Stability:		10		ppb/+3.3V±5%
Maximum aging rate after power on 30 days			.3 2.5 2	ppm/1yr ppm/10yr ppb/day
Short-Time Frequency Stability:			0.05	ppb/second
Initial Current:			700	mA
Steady State Current			300	mA
Heat up Time:		5		min
Start up Time:			0.1	S
Phase Noise:				
1 Hz		-70		dBc
10 Hz		-100		dBc
100 Hz		-130		dBc
1 kHz		-145		dBc
10 kHz		-150		dBc
Output Waveform:	LVCMOS square wave			
Output Waveform:	Voh / Vol (2.4V min. / 0.4V max.)			
Duty Cycle:	45/55%			
Rise / fall time:	<5ns (0.4V ~ 2.4V)			
Output Load:	15pF			
Packaging:	14.6mm X 9.7mm X 7.5mm			



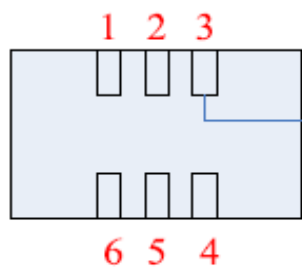
SC-Cut OCXO

Series

COC14



Package and pin function:



BOTTOM VIEW

- | | |
|---|---------------------|
| 1 | Controll |
| 2 | Not connect |
| 3 | GND |
| 4 | Output |
| 5 | Not connect |
| 6 | Supply Voltage, +Vs |



Wayne, NJ 07470

CARDINAL COMPONENTS



WEB:
FAX:

<http://www.cardinalxtal.com>
(973)785-0053