

SIZE [mm]	OUTPUT	PADS	FREQUENCY RANGES	PRODUCT FEATURES (*DEPENDING ON FREQUENCY)	PN	PHOTO
2.5 x 2.0	SINE WAVE	4	10 MHz TO 55 MHz	<ul style="list-style-type: none"> <li>STABILITY** RANGING FROM ±0.5PPM TO 2.5PPM. *</li> <li>FREQUENCY TOLERANCE 1PPM OR 2PPM (@+25°C)</li> <li>AGING BELOW 1PPM PER YEAR.</li> <li>SUPPLY VOLTAGES 1.8V, 2.5V AND 2.8V (MOST COMMON).</li> </ul>	TCXO — STC02	
		6			VCTCXO — SVCT2	
3.2 x 2.5	SINE WAVE HCMOS	4	10 MHz TO 55 MHz	<ul style="list-style-type: none"> <li>STABILITY** RANGING FROM ±0.5PPM TO 2.5PPM. *</li> <li>FREQUENCY TOLERANCE 1PPM OR 2PPM (@+25°C)</li> <li>AGING BELOW 1PPM PER YEAR.</li> <li>SUPPLY VOLTAGES 1.8V, 2.5V AND 3.0V (MOST COMMON).</li> </ul>	TCXO — STC03	
					VCTCXO — SVCT3	
5.0 x 3.2	SINE WAVE HCMOS	4	10 MHz TO 55 MHz	<ul style="list-style-type: none"> <li>STABILITY** RANGING FROM ±0.5PPM TO 1.5PPM. *</li> <li>FREQUENCY TOLERANCE 1PPM OR 2PPM (@+25°C)</li> <li>AGING BELOW 1PPM PER YEAR.</li> <li>SUPPLY VOLTAGES 3.0V, 3.3V AND 5.0V (MOST COMMON).</li> </ul>	TCXO — STC05	
					VCTCXO — SVCT5	
7.0 x 5.0	SINE WAVE HCMOS	4	5 MHz TO 55 MHz	<ul style="list-style-type: none"> <li>STABILITY** RANGING FROM ±0.1PPM TO 1.0PPM. *</li> <li>FREQUENCY TOLERANCE 1PPM OR 2PPM (@+25°C)</li> <li>AGING BELOW 1PPM PER YEAR.</li> <li>SUPPLY VOLTAGES 3.0V, 3.3V AND 5.0V (MOST COMMON).</li> </ul>	TCXO — STC07	
					VCTCXO — SVCT7	

**COMMON FEATURE FOR VCTCXO**

- FREQUENCY PULL RANGING FROM 4PPM TO 20PPM.\*
- CONTROL VOLTAGE DEPENDING ON SUPPLY VOLTAGE.

### STRATUM 3 LEVEL TCXO AND VCTCXO FOR TELECOM APPLICATIONS

7.0 x 5.0	SINE WAVE HCMOS	10	5 MHz TO 30 MHz	<ul style="list-style-type: none"> <li>OVERALL STABILITY INCLUDING 20 YEARS AGING ±4.6PPM.</li> <li>Stability over temperature range ±0.28ppm (-20~+70°C).</li> <li>AVAILABLE SUPPLY VOLTAGES 3.3V AND 5.0V. (COMMON)</li> <li>PARTS FOR EXTENDED TEMPERATURE RANGE AVAILABLE.</li> </ul>	TCXO — S3TC7	
					VCTCXO — S3VT7	

**COMMON FEATURE FOR VCTCXO**

- FREQUENCY PULL RANGING FROM 4PPM TO 20PPM.\*
- CONTROL VOLTAGE DEPENDING ON SUPPLY VOLTAGE.

**NOTES:**

- PRODUCTS LISTED ON THIS SHEET MAY ALSO AVAILABLE IN PCB BASED 14x9MM SMD PACKAGE AND TRADITIONAL DIP TYPE THRU-HOLE PACKAGES, DEPENDING ON PARAMETERS.
- ENABLE / DISABLE FUNCTION FOR TCXO IS OPTIONAL, ON PACKAGES HAVING 6 PAD OR MORE PINS THE ENABLE / DISABLE FUNCTION MAY ALSO ON OTHER PINS AVAILABLE.

**ENVIRONMENTAL COMPLIANCE**

- ALL PRODUCTS ARE ROHS 10 COMPLIANT AND LEAD-FREE.
- ALL PRODUCTS ARE HALOGEN-FREE PER IEC 61248-2-21-2003.
- SVHCS PER REACH ARE MONITORED.

**COMMON PRODUCT FEATURES**

- LOW POWER CONSUMPTION TYPICALLY BELOW 2mA\*.
- OPERATING TEMPERATURE RANGES OF: 0 TO +60°C
- 10 TO +70°C
- 20 TO +75°C
- 30 TO +85°C

\* Parameter depending on frequency.  
\*\* Stability is the overall frequency deviation over operating temperature range.

ADDITIONAL SPECIFICATION PARAMETERS ARE POSSIBLE, PLEASE INQUIRE SAME FROM OUR SALES DEPARTMENT USING ONE OF THE E-MAIL ADDRESSES ON OTHER SIDE.