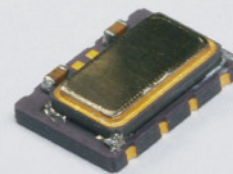


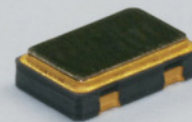
# TCXO & VCTCXO

## STG, STH Series

- Temperature Compensated Crystal Oscillator
- Clipped Sinewave Output
- 3.3V supply voltage
- Surface mount package



STG



STH

CERAMIC SMD TYPE

### ELECTRICAL SPECIFICATIONS

		CLIPPED SINEWAVE
Frequency Range		12.000 to 26.000MHz
Load Drive Capability		10kOhms//10pF
Output Voltage		0.8Vp-p min.(V <sub>DD</sub> : 3.3V <sub>DC</sub> )
Frequency / Stability	vs. Operating Temperature Range vs. Input Voltage ( $\pm 5\%$ ) vs. Load ( $\pm 10\%$ )	See Table 2 $\pm 0.3\text{ppm max.}$ $\pm 0.3\text{ppm max.}$
Supply Voltage(V <sub>DD</sub> )		3.3V <sub>DC</sub> $\pm 5\%$
Input Current		12.000 to 26.000MHz 2mA max.
Control Voltage(External)		1.65V <sub>DC</sub> $\pm 1.65\text{V}_{DC}$ Positive transfer Characteristic
Frequency Deviation Aging (at 25°C)		$\pm 5\text{ppm}$ or $\pm 10\text{ppm}$ minimum Over Control Voltage $\pm 1\text{ppm/year max.}$

### MECHANICAL DIMENSIONS

