

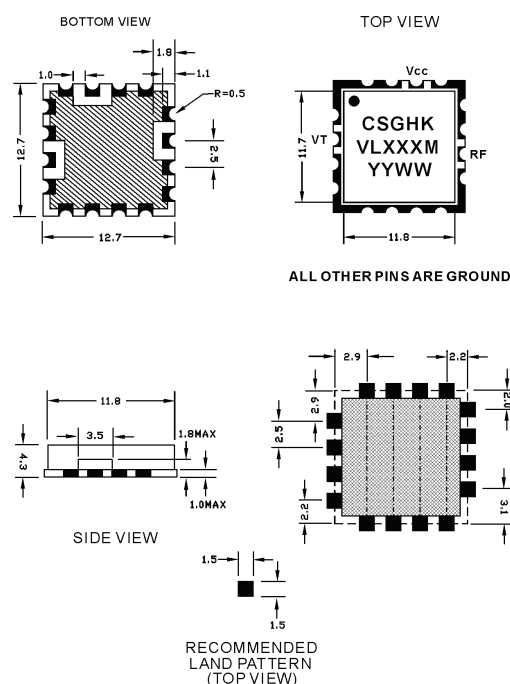
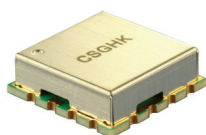
SURFACE MOUNT MODEL VOLTAGE CONTROLLED OSCILLATOR

Frequency 700-1000MHz

VT1000A

FEATURES:

- ▶ Miniature Size
- ▶ Surface Mount Package
- ▶ Low Phase Noise Performance
- ▶ Electrically Shielded
- ▶ Highly Linear Tuning



Electrical Specifications, $T_A = +25^{\circ}\text{C}$, $V_{CC} = +5.0\text{V}$ (unless otherwise stated)

Parameter	Test Conditions	Min	Typ	Max	Units
Frequency Rangs		700		1000	MHz
Tuning Voltage (V)		0.5		7.5	V
RF Output Power	700-1000MHz	6.0		10.0	dBm
Supply Voltage (Vcc)		4.75		5.25	V
Supply Current (Icc)			26	30	mA
Phase Noise :					
	@10kHz Offset:		-106	-103	dBc/Hz
	@100kHz Offset:		-127	-124	dBc/Hz
Average Tuning Sensitivity	700-1000MHz		56.4		MHz/V
Harmonic Outputs			-15	-10	dBc
OperatingTemperature Range		-40		+85	$^{\circ}\text{C}$
Tune Input Capacitance			33		PF
Output Impedance -			50		Ω
Package Type	SK605(12.7X12.7X4.3mm)				



SMD Voltage Controlled Oscillator

Frequency 700-1000MHz

VT1000A

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