

SURFACE MOUNT MODEL

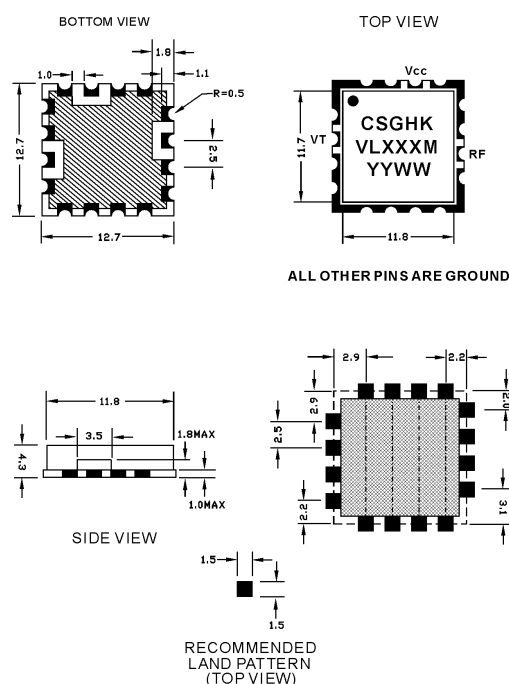
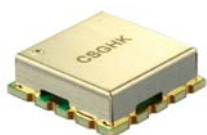
VOLTAGE CONTROLLED OSCILLATOR

Frequency 200-400MHz

VL400M

FEATURES:

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



Electrical Specifications, $T_A = +25^{\circ}\text{C}$, $V_{CC} = +12.0\text{V}$ (unless otherwise stated)

Parameter	Test Conditions	Min	Typ	Max	Units
Frequency Rangs		200		400	MHz
Tuning Voltage (V)		1.0		11.0	V
RF Output Power	200-400MHz	7.0		11.0	dBm
Supply Voltage (Vcc)		11.75		12.25	V
Supply Current (Icc)			18	21	mA
Phase Noise :					
	@10kHz Offset:		-109	-106	dBc/Hz
	@100kHz Offset:		-130	-127	dBc/Hz
Average Tuning Sensitivity	200-400MHz		22		MHz/V
Harmonic Outputs			-20		dBc
OperatingTemperature Range		-55		+85	$^{\circ}\text{C}$
Tune Input Capacitance			100		PF
Output Impedance -			50		Ω
Package Type	SK605(12.7X12.7X4.3mm)				



SMD Voltage Controlled Oscillator

Frequency **200-400MHz**

VL400M

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