

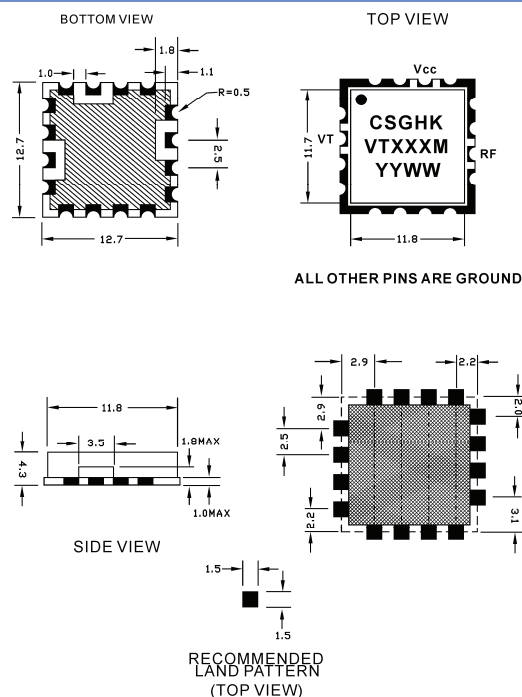
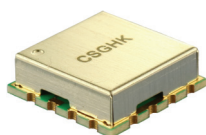
SURFACE MOUNT MODEL VOLTAGE CONTROLLED OSCILLATOR

Frequency 1000-1030MHz

VT1015M

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		1000		1030	MHz
Tuning Voltage (V)		0.5		4.5	V
RF Output Power	1000-1030MHz	-2.0		2.0	dBm
Supply Voltage (Vcc)		4.75		5.25	V
Supply Current (Icc)			15	20	mA
Phase Noise :					
	@10kHz Offset:		-109	-106	dBc/Hz
	@100kHz Offset:		-130	-127	dBc/Hz
Average Tuning Sensitivity	1000-1030MHz		14.3		MHz/V
Harmonic Outputs			-15		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 1000-1030MHz

VT1015M

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