

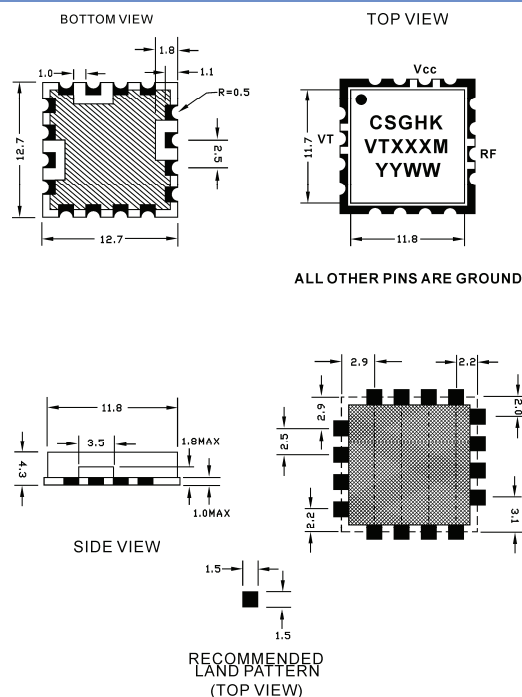
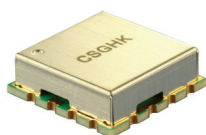
SURFACE MOUNT MODEL VOLTAGE CONTROLLED OSCILLATOR

Frequency 1870-2080MHz

VT1925A

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		1870		2080	MHz
Tuning Voltage (V)		0.3		4.7	V
RF Output Power	1870-2080MHz	0.0		4.0	dBm
Supply Voltage (Vcc)		4.75		5.25	V
Supply Current (Icc)			—		mA
Phase Noise :					
	@10kHz Offset:		-100	-95	dBc/Hz
	@100kHz Offset:		-122	-117	dBc/Hz
Average Tuning Sensitivity	1870-2080MHz		—		MHz/V
Harmonic Outputs			-15		dBc
OperatingTemperature Range		-40		+85	$^\circ\text{C}$
Tune Input Capacitance			18		PF
Output Impedance -			50		Ω
Package Type	SK605(12.7X12.7X4.3mm)				



SMD Voltage Controlled Oscillator

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