

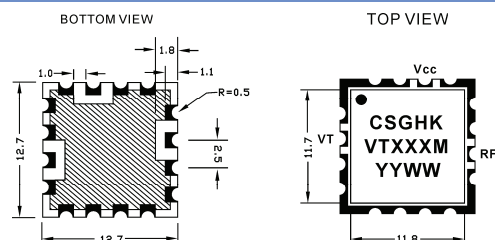
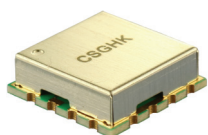
SURFACE MOUNT MODEL VOLTAGE CONTROLLED OSCILLATOR

Frequency

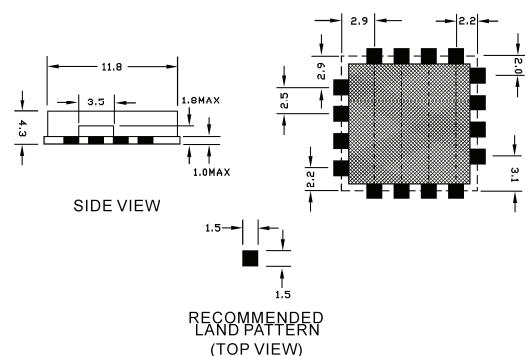
VT70A

FEATURES:

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



ALL OTHER PINS ARE GROUND



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			70		MHz
Tuning Voltage (V)		0.5		4.5	V
RF Output Power		1.0		5.0	dBm
Supply Voltage (Vcc)		4.75		5.25	V
Supply Current (Icc)			16	19	mA
Phase Noise :					
	@10kHz Offset:		-118	-115	dBc/Hz
	@100kHz Offset:		-139	-136	dBc/Hz
Average Tuning Sensitivity			2.3		MHz/V
Harmonic Outputs			-20		dBc
OperatingTemperature Range		-40		+85	$^{\circ}\text{C}$
Tune Input Capacitance			120		PF
Output Impedance -			50		Ω
Package Type	SK605(12.7X12.7X4.3mm)				



SMD Voltage Controlled Oscillator

Frequency

VT70A

[illegible]