

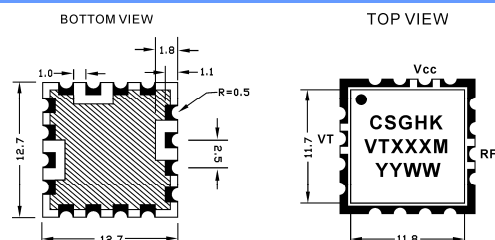
SURFACE MOUNT MODEL VOLTAGE CONTROLLED OSCILLATOR

Frequency

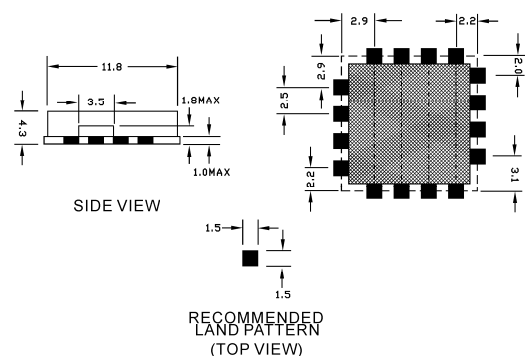
VT1606M

FEATURES:

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



ALL OTHER PINS ARE GROUND



Electrical Specifications, $T_A = +25^{\circ}\text{C}$, $V_{CC} = +8.0\text{V}$ (unless otherwise stated)

Parameter	Test Conditions	Min	Typ	Max	Units
Frequency Rangs			1606		MHz
Tuning Voltage (V)		1.0		3.2	V
RF Output Power			2.0		dBm
Supply Voltage (Vcc)		7.75	8	8.25	V
Supply Current (Icc)			13	17	mA
Phase Noise :					
	@10kHz Offset:		-109		dBc/Hz
	@100kHz Offset:		-128		dBc/Hz
Average Tuning Sensitivity			20		MHz/V
Harmonic Outputs			-15		dBc
OperatingTemperature Range		-45		+80	$^{\circ}\text{C}$
Tune Input Capacitance			20		PF
Output Impedance -			50		Ω
Package Type	SK605(12.7X12.7X4.3mm)				



SMD Voltage Controlled Oscillator

Frequency

VT1606M

[illegible]