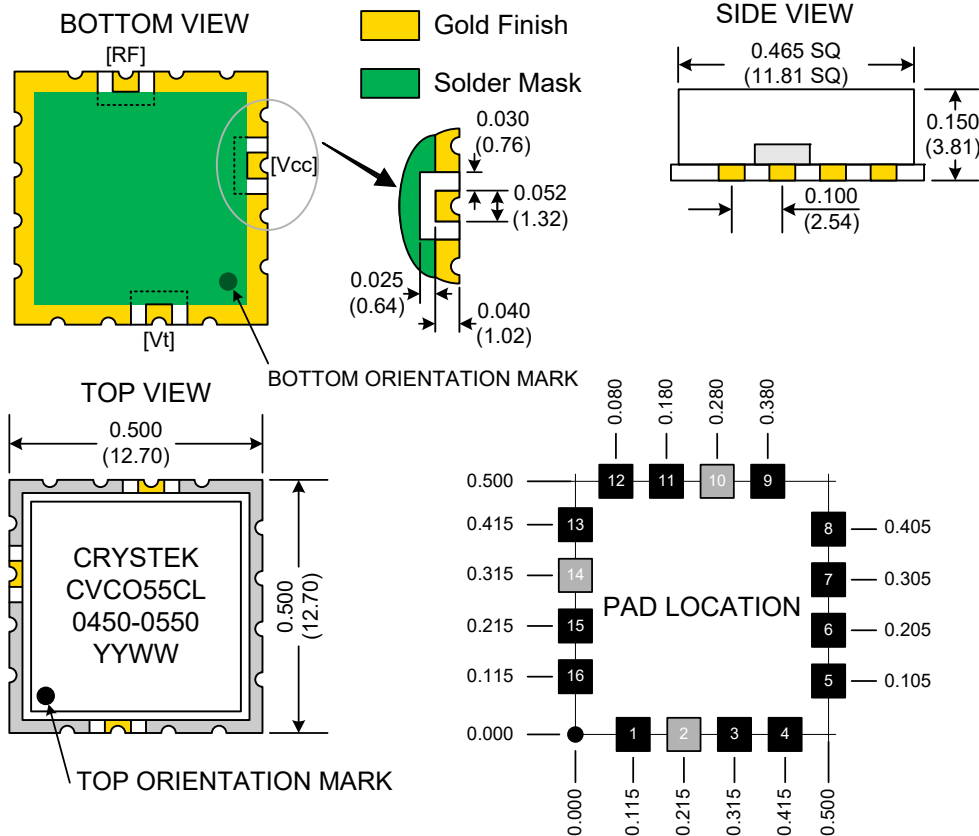




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			450	MHz
Upper Frequency:	550			MHz
Tuning Voltage:	0		3.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+1.0	+3.0	+5.0	dBm
Supply Current:		15		mA
Harmonic Suppression: (2 <sup>nd</sup> Harmonic)		-10		dBc
Pushing:			2.0	MHz/V
Pulling, all Phases:			3.5	MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 1kHz offset:			-65	dBc/Hz
Phase Noise @ 10kHz offset:			-95	dBc/Hz
Phase Noise @ 100kHz offset:			-115	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C



Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in:  $\frac{IN}{(mm)}$
- Pad Location Dimensions are in: Inches



Product Control:			
Crystek Part Number:	CVCO55CL-0450-0550	Release Date:	13-Dec-2017
Revision Level:	A	Responsible:	C. Vales