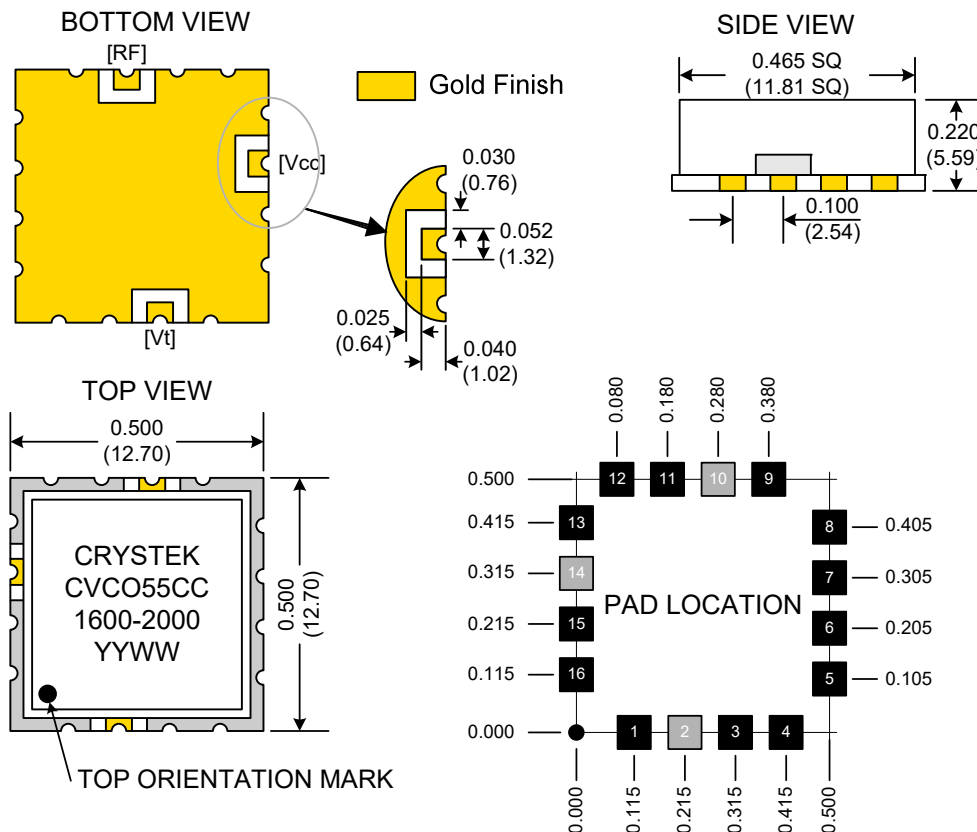


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1600	MHz
Upper Frequency:	2000			MHz
Tuning Voltage:	0		15.0	VDC
Supply Voltage:	5.7	6.0	6.3	VDC
Output Power:	+4.5	+7.0	+9.5	dBm
Supply Current:		28		mA
Harmonic Suppression: (2 <sup>nd</sup> Harmonic)		-15	-10	dBc
Pushing:		0.5		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 1kHz offset:		-78	-70	dBc/Hz
Phase Noise @ 10kHz offset:		-105	-97	dBc/Hz
Phase Noise @ 100kHz offset:		-125	-120	dBc/Hz
Phase Noise @ 1MHz offset:		-145	-140	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:	CVCO55CC-1600-2000	Release Date:	12-Jul-2018
Revision Level:	B	Responsible:	C. Vales