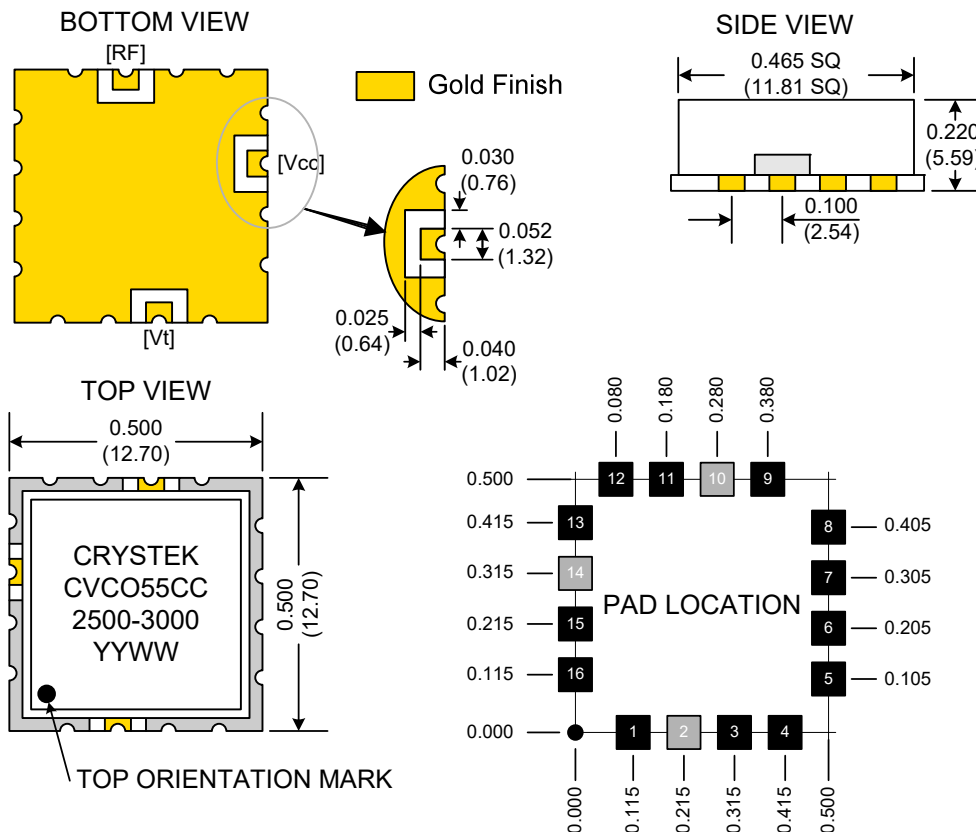


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2500	MHz
Upper Frequency:	3000			MHz
Tuning Voltage:	0		15.0	VDC
Supply Voltage:	5.7	6.0	6.3	VDC
Output Power:	+4.5	+7.0	+9.5	dBm
Supply Current:		28		mA
Harmonic Suppression: (2 nd Harmonic)		-20	-12	dBc
Pushing:		1.5		MHz/V
Pulling, all Phases:		4.0		MHz pk-pk
Tuning Sensitivity:		45		MHz/V
Phase Noise @ 1kHz offset:		-78	-73	dBc/Hz
Phase Noise @ 10kHz offset:		-105	-100	dBc/Hz
Phase Noise @ 100kHz offset:		-125	-120	dBc/Hz
Phase Noise @ 1MHz offset:		-145	-140	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



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

● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{\text{(mm)}}$

● Pad Location Dimensions are in: Inches



Product Control:

Crystek Part Number:	CVCO55CC-2500-3000	Release Date:	12-Mar-2018
Revision Level:	A	Responsible:	C. Vales