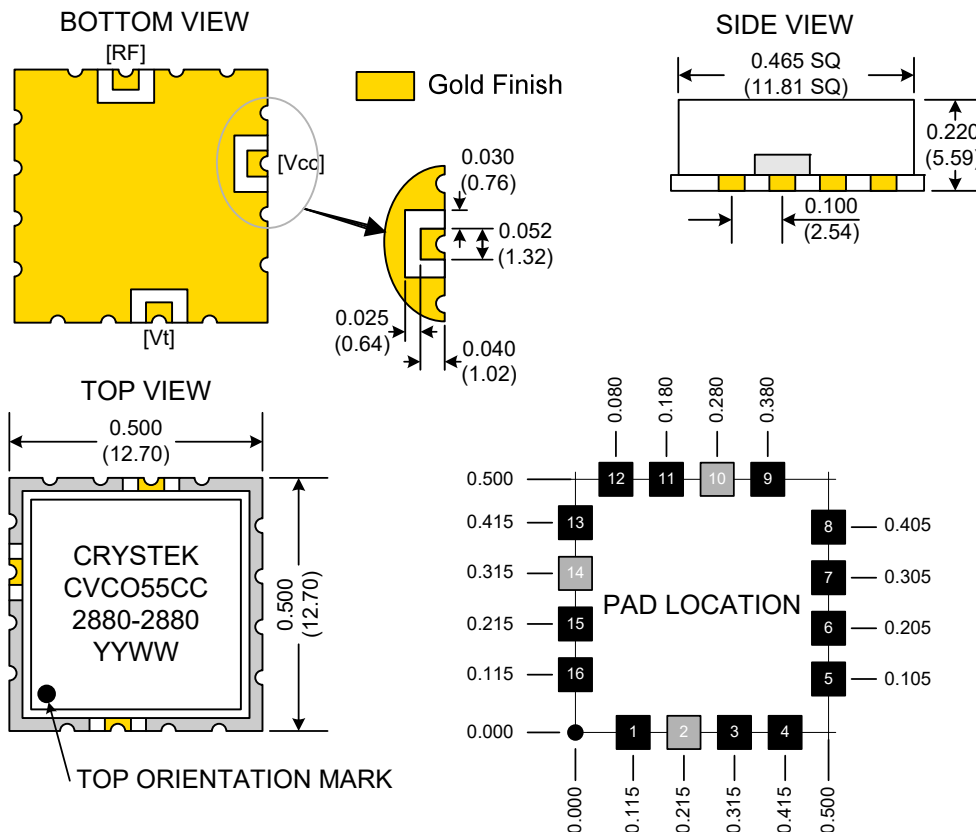


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2880	MHz
Upper Frequency:	2880			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	8.55	9.0	9.45	VDC
Output Power:	+4.0	+6.0	+8.0	dBm
Supply Current:		30		mA
Harmonic Suppression: (2 nd Harmonic)		-15	-10	dBc
Pushing:		0.3	0.5	MHz/V
Pulling, all Phases:		3.0	4.0	MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 1kHz offset:		-93	-88	dBc/Hz
Phase Noise @ 10kHz offset:		-118	-113	dBc/Hz
Phase Noise @ 100kHz offset:		-138	-133	dBc/Hz
Phase Noise @ 1MHz offset:		-158	-153	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			28	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-2880-2880	Release Date:	12-Mar-2018
Revision Level:	A	Responsible:	C. Vales