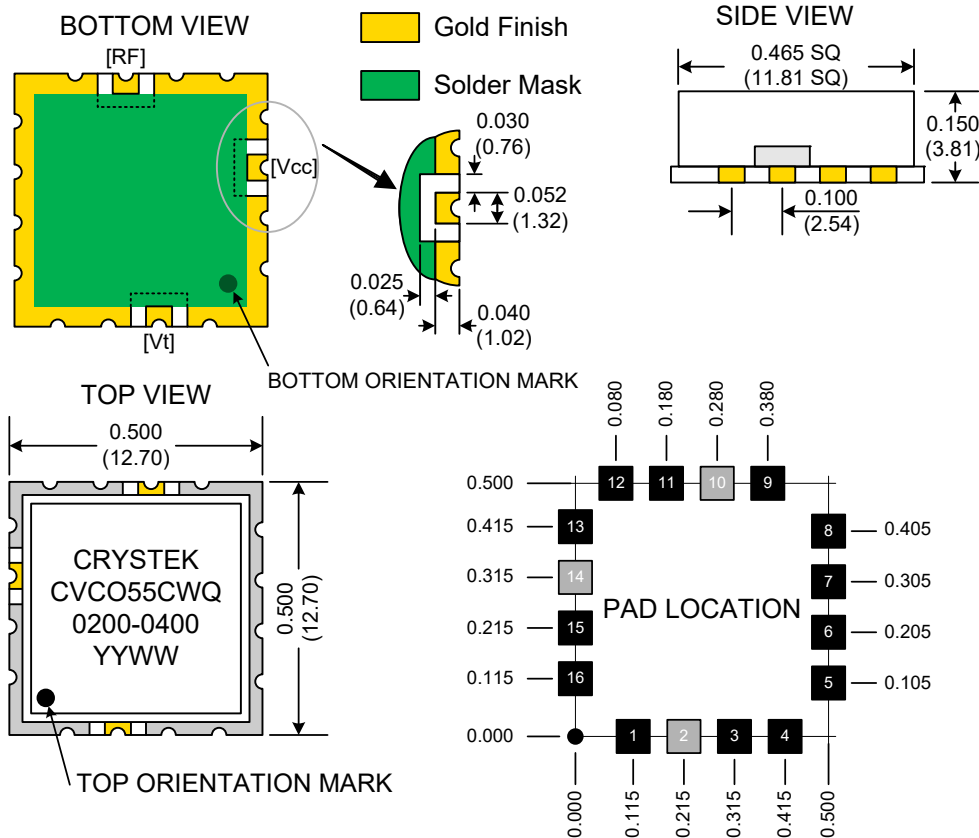


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			200	MHz
Upper Frequency:	400			MHz
Tuning Voltage:	0		20.0	VDC
Supply Voltage:	14.25	15	15.75	VDC
Output Power:	+8.0	+11.0	+14.0	dBm
Supply Current:		25	30	mA
Harmonic Suppression: (2 nd Harmonic)		-8	-4	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		0.5	1.5	MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10kHz offset:		-106		dBc/Hz
Phase Noise @ 100kHz offset:		-126		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:		220		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:	CVCO55CWQ-0200-0400	Release Date:	13-Feb-2019
Revision Level:	A	Responsible:	C. Vales

Crystek Corporation reserves the right to make changes to its products and/or information contained herein without notice. No liability is assumed as a result of its use or application.