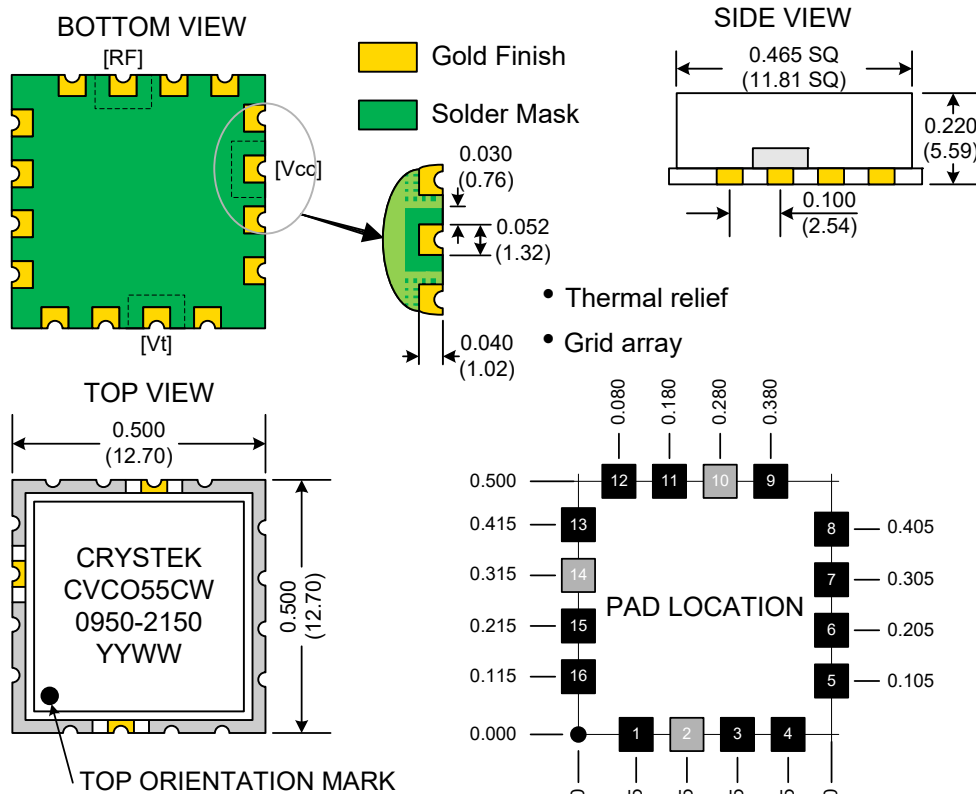


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			950	MHz
Upper Frequency:	2150			MHz
Tuning Voltage:	0.5		22.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+6.0	+9.0	dBm
Supply Current:		17	20	mA
Harmonic Suppression (2 nd Harmonic)		-8	-4	dBc
Pushing:		2.5	5.0	MHz/V
Pulling, all Phases:		10.0	15.0	MHz pk-pk
Tuning Sensitivity:		70		MHz/V
Phase Noise @ 10kHz offset:		-99	-92	dBc/Hz
Phase Noise @ 100kHz offset:		-120	-112	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:		100		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 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.

Crystek Part Number:	CVCO55CW-0950-2150	Release Date:	05-Mar-2020
Revision Level:	A	Responsible:	C. Vales