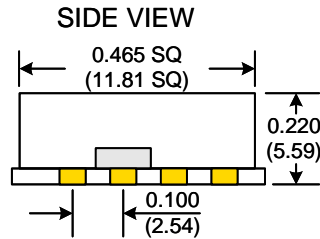
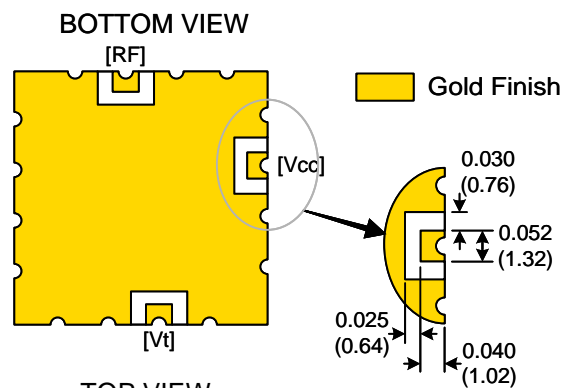
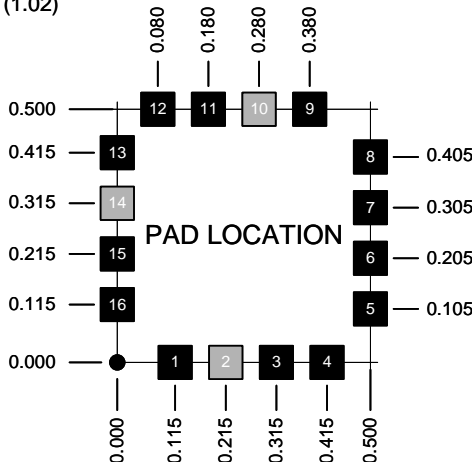
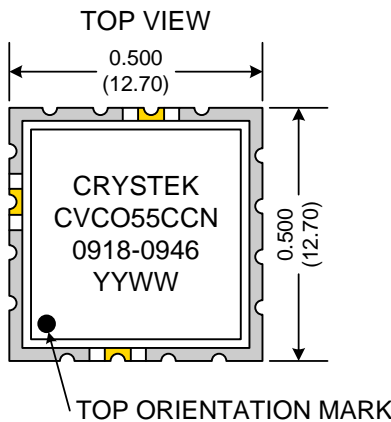


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			918	MHz
Upper Frequency:	946			MHz
Tuning Voltage:	1.8		4.85	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+1.5	+4.5	+7.5	dBm
Supply Current:		25	33	mA
Harmonic Suppression: (2 nd Harmonic)		-25		dBc
Pushing:		0.5	1.5	MHz/V
Pulling, all Phases:		0.8		MHz pk-pk
Tuning Sensitivity:		15		MHz/V
Phase Noise @ 10kHz offset:		-116	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-136	-130	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:		56		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: IN (mm)
- Pad Location Dimensions are in: Inches



Product Control:

Crystek Part Number:	CVCO55CCN-0918-0946	Release Date:	19-Feb-2025
Revision Level:	B	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.