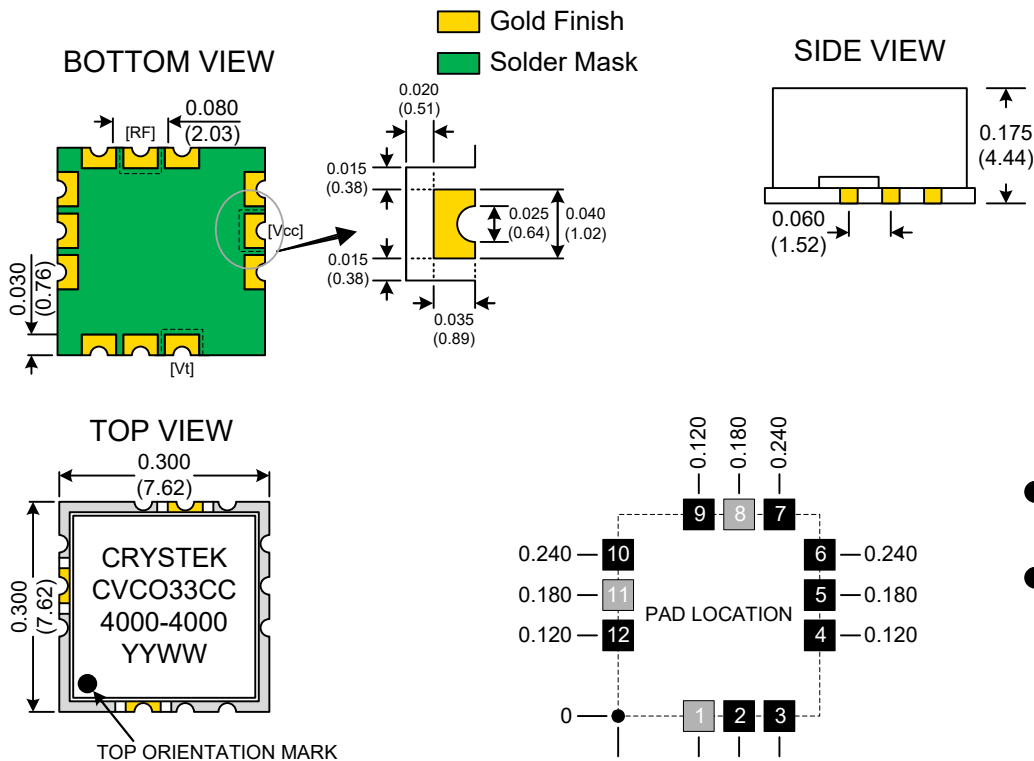


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			4000	MHz
Upper Frequency:	4000			MHz
Tuning Voltage:	0	1.65	3.3	VDC
Supply Voltage:	3.135	3.3	3.465	VDC
Output Power:	+3.0			dBm
Supply Current:		20		mA
Harmonic Suppression: (2 nd Harmonic)		-20		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		5.0		MHz pk-pk
Tuning Sensitivity:		6		MHz/V
Phase Noise @ 10kHz offset:		-100		dBc/Hz
Phase Noise @ 1MHz offset:		-120		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			22	pF
Operating Temperature Range:	-20		+70	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



Pad	Connection
1	Vt
8	RF-OUTPUT
11	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$
- Pad Location Dimensions are in: Inches

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Product Control:

Crystek Part Number:	CVCO33CC-4000-4000	Release Date:	17-Jun-2021
Revision Level:	C	Responsible:	C. Vales

