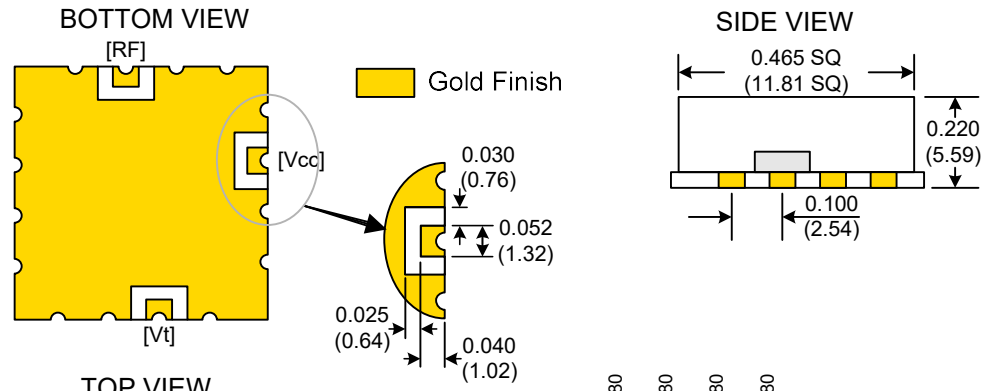


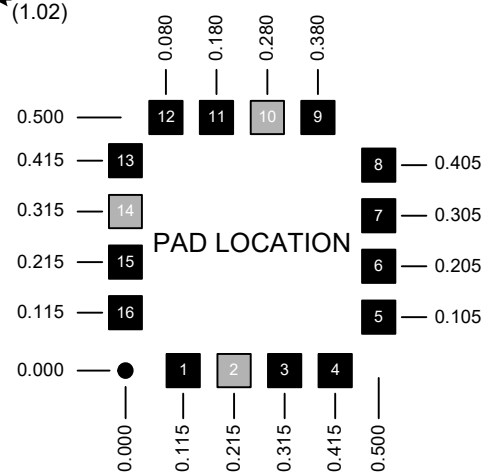


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1600	MHz
Upper Frequency:	2000			MHz
Tuning Voltage:	0		15.0	VDC
Supply Voltage:	5.7	6.0	6.3	VDC
Output Power:	+4.5	+7.0	+9.5	dBm
Supply Current:		28		mA
Harmonic Suppression: (2 nd Harmonic)		-15	-10	dBc
Pushing:		0.5		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 1kHz offset:		-78	-70	dBc/Hz
Phase Noise @ 10kHz offset:		-105	-97	dBc/Hz
Phase Noise @ 100kHz offset:		-125	-120	dBc/Hz
Phase Noise @ 1MHz offset:		-145	-140	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°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:	CVCO55CC-1600-2000	Release Date:	26-Aug-2025
Revision Level:	C	Responsible:	C. Vales

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