

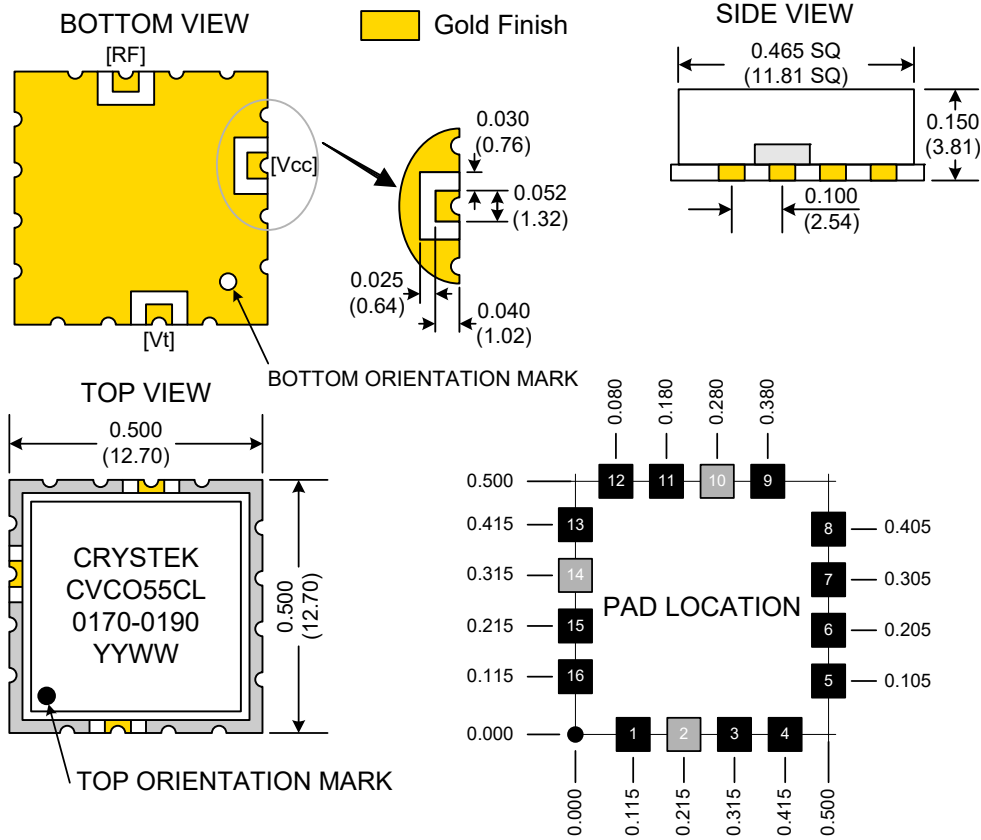


CRYSTEK
MICROWAVE
 A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55CL-0170-0190

PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			170	MHz
Upper Frequency:	190			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+4.0	+8.0	dBm
Supply Current:			35	mA
Harmonic Suppression: (2 nd Harmonic)		-10		dBc
Pushing:			1.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		10		MHz/V
Phase Noise @ 10kHz offset:		-115		dBc/Hz
Phase Noise @ 100kHz offset:		-138		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: IN (mm)
- Pad Location Dimensions are in: Inches



Product Control:			
Crystek Part Number:	CVCO55CL-0170-0190	Release Date:	10-Jun-2020
Revision Level:	A	Responsible:	C. Vales

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