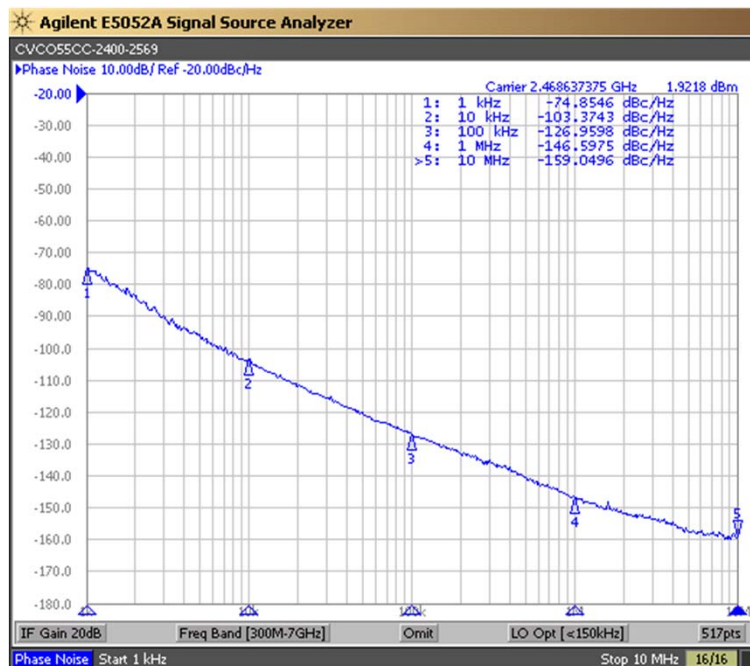


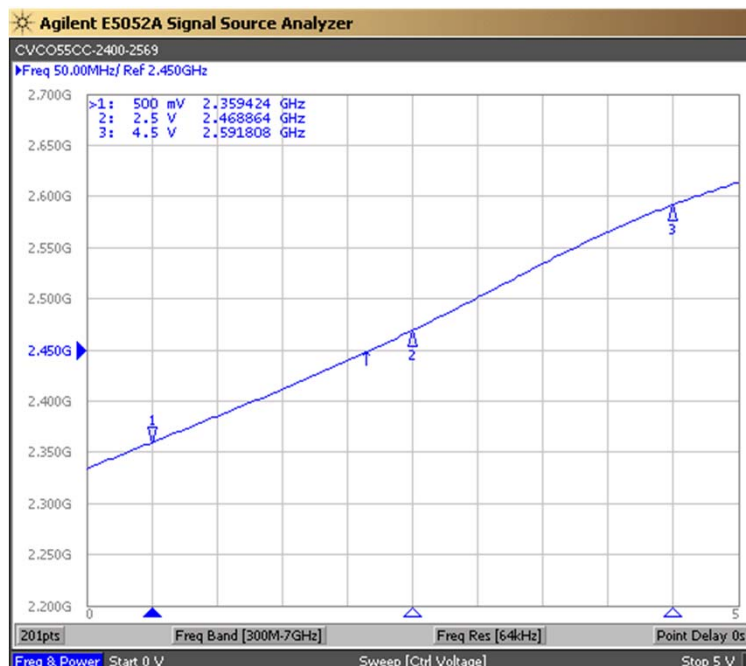


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2400	MHz
Upper Frequency:	2569			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+3.0	+6.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		2.5	5.0	MHz pk-pk
Tuning Sensitivity:		55		MHz/V
Phase Noise @ 10kHz offset:		-99	-96	dBc/Hz
Phase Noise @ 100kHz offset:		-119	-116	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

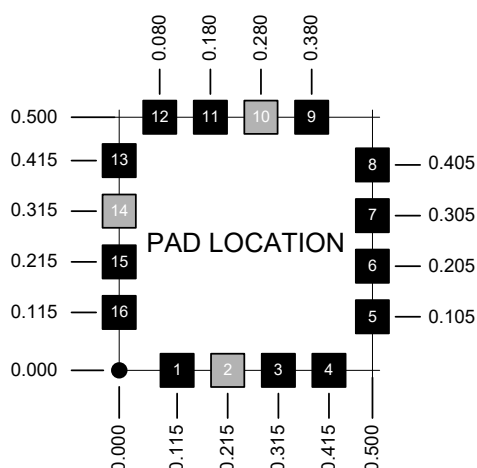
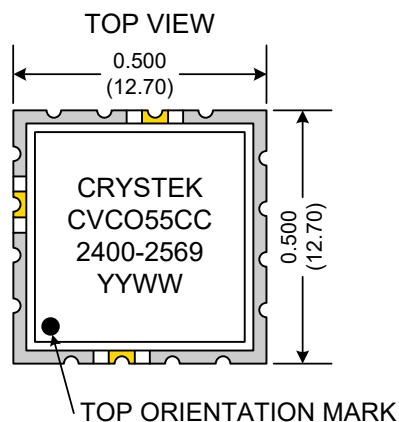
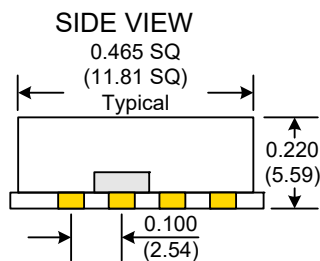
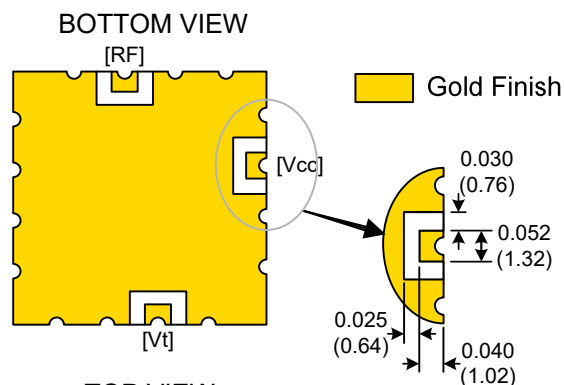
Crystek Part Number:	CVCO55CC-2400-2569	Release Date:	16-Oct-2019
Revision Level:	D	Responsible:	C. Vales





CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

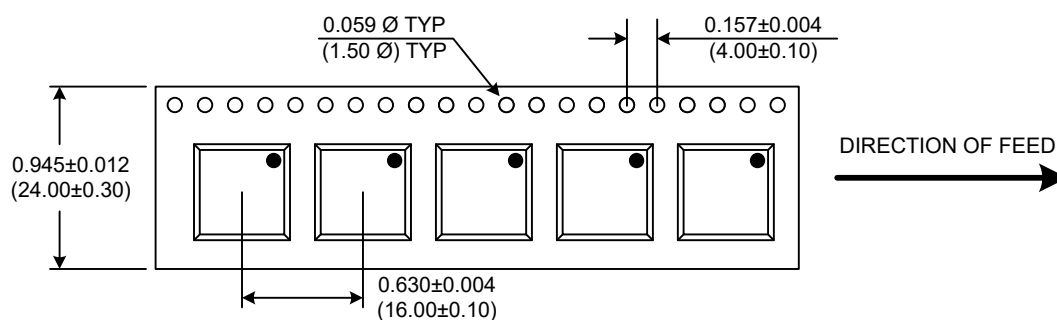
Coaxial Resonator Oscillator-CRO CVCO55CC-2400-2569



Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

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

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2400-2569	Release Date:	16-Oct-2019
Revision Level:	D	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.

Page 2 of 2



CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Crystek:](#)

[CVCO55CC-2400-2569](#)