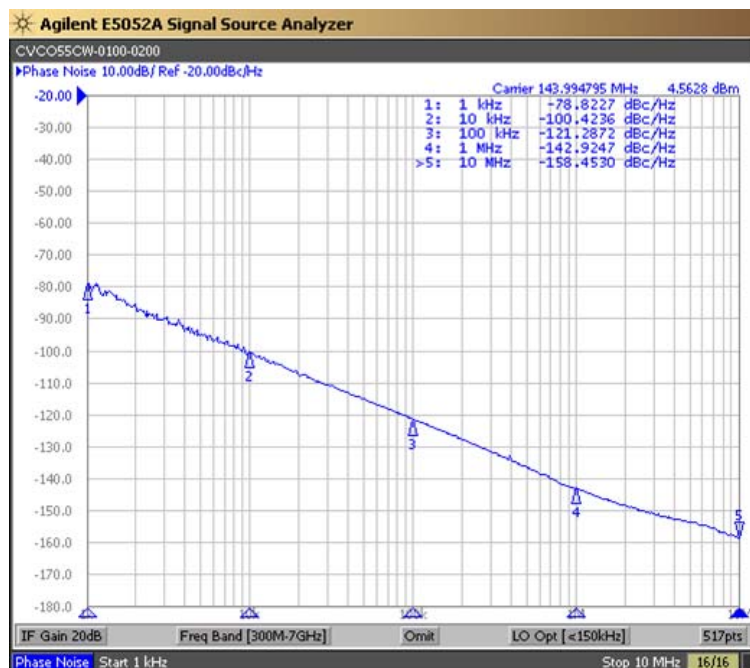
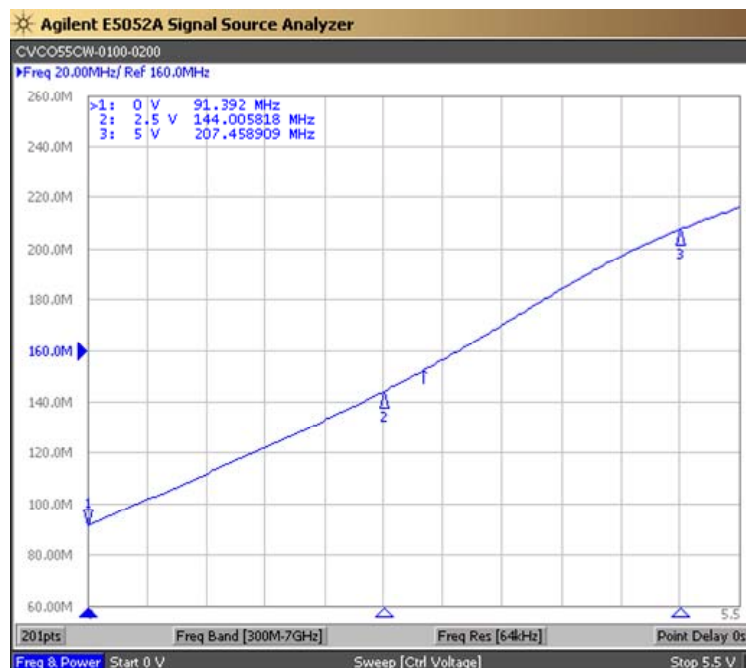


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			100	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-2.5	+3.5	+9.5	dBm
Supply Current:			25	mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		2.0	4.0	MHz/V
Pulling, all Phases:		2.0	5.0	MHz pk-pk
Tuning Sensitivity:		25		MHz/V
Phase Noise @ 10kHz offset:		-100	-96	dBc/Hz
Phase Noise @ 100kHz offset:		-120	-116	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			150	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



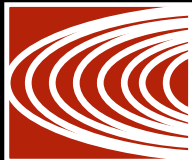
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CW-0100-0200	Release Date:	20-Jul-2018
Revision Level:	K	Responsible:	C. Vales

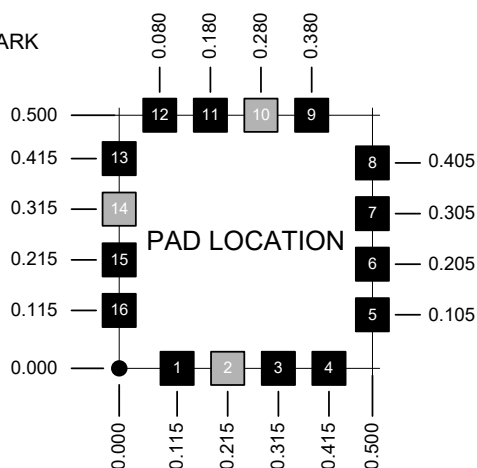
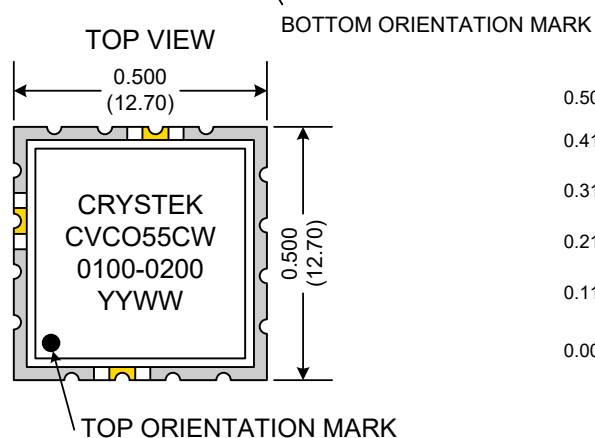
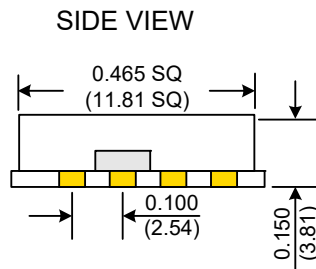
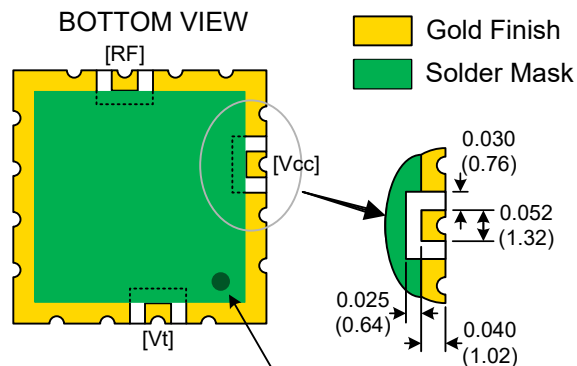




CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

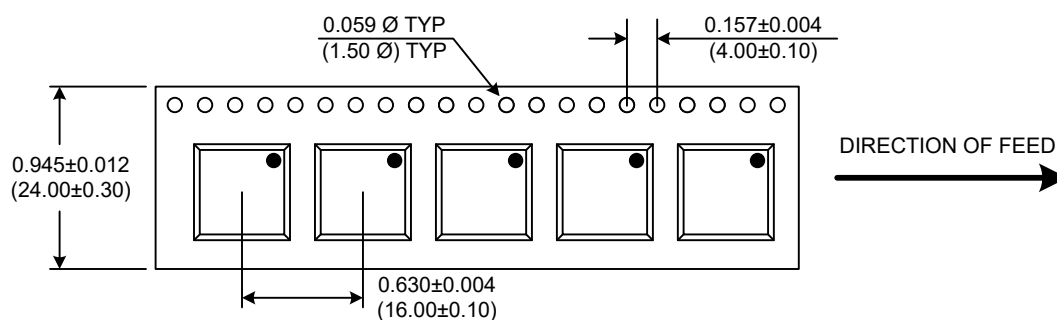
CVCO55CW-0100-0200



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:	CVCO55CW-0100-0200	Release Date:	20-Jul-2018
Revision Level:	K	Responsible:	C. Vales

Specification is subject to change without notice

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:](#)

[CVCO55CW-0100-0200](#)