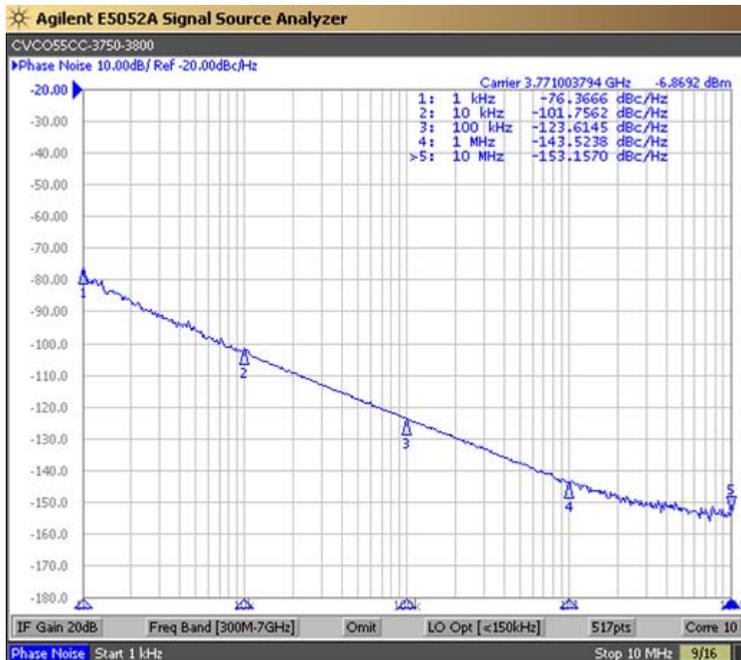


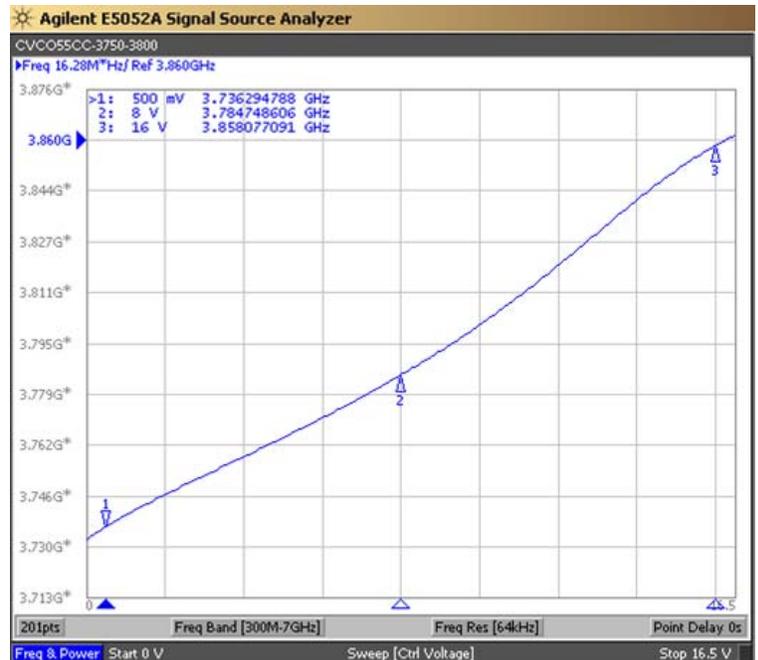


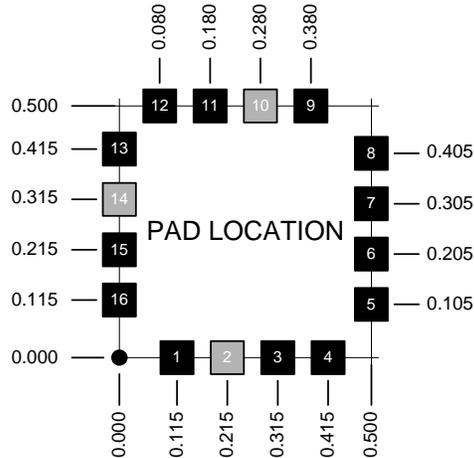
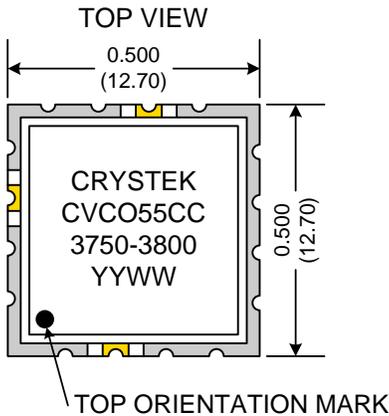
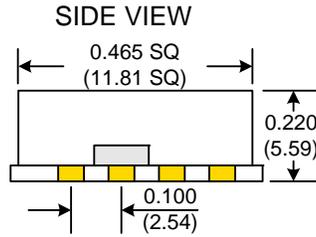
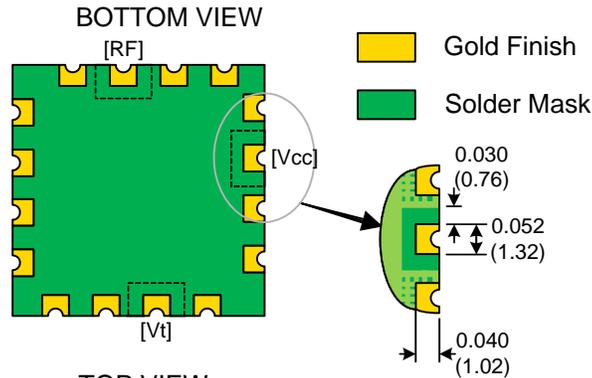
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3750	MHz
Upper Frequency:	3800			MHz
Tuning Voltage:	0.5		16.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+2.0	+4.0	dBm
Supply Current:		30		mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		2.5	5.0	MHz pk-pk
Tuning Sensitivity:		22		MHz/V
Phase Noise @ 10kHz offset:		-105	-103	dBc/Hz
Phase Noise @ 100kHz offset:		-125	-123	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			10	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)

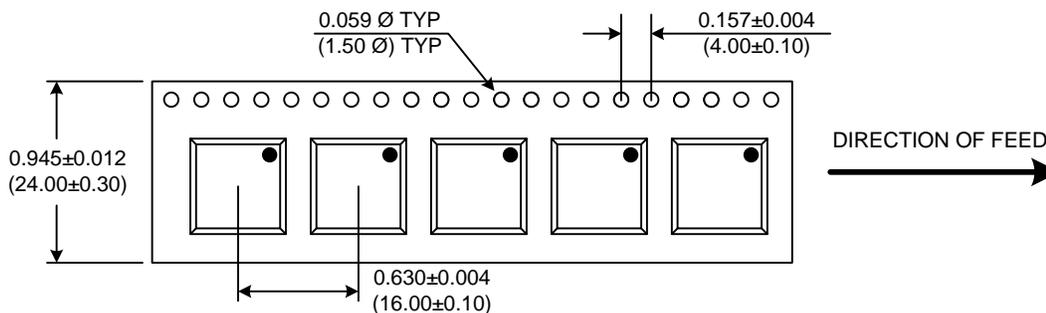




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- 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-3750-3800	Release Date:	08-Mar-12
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2

Mouser Electronics

Authorized Distributor

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

Crystek:

[CVCO55CC-3750-3800](#)