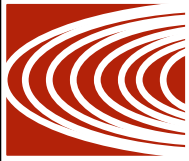




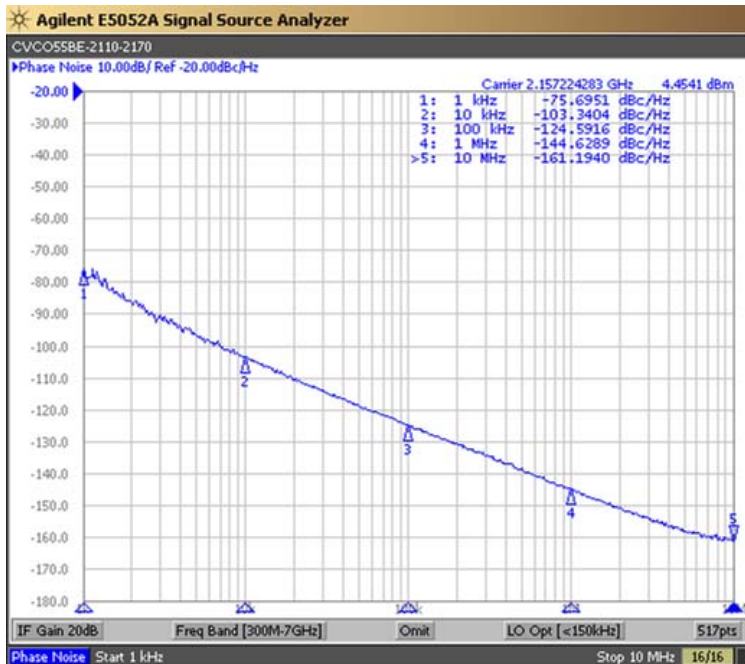
**THE DATASHEET OF  
CVC055BE-2110-2170**



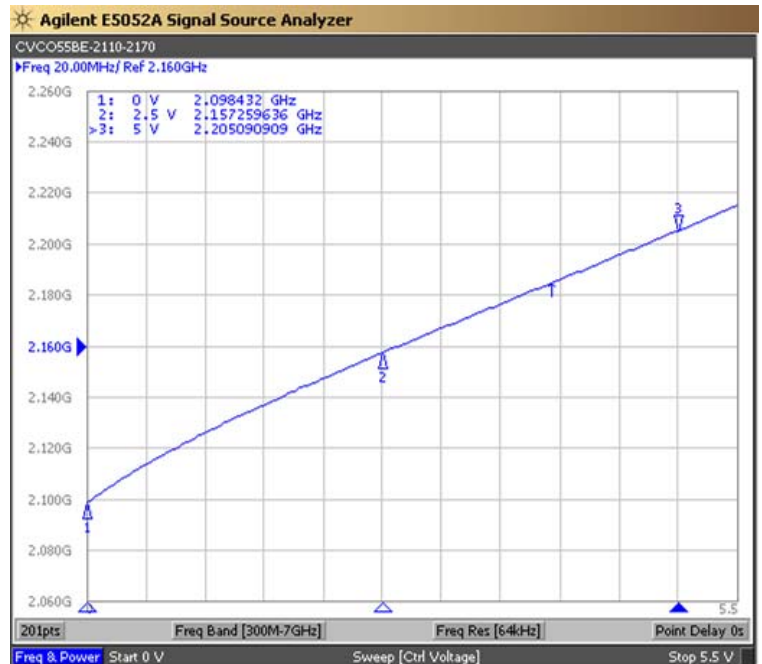


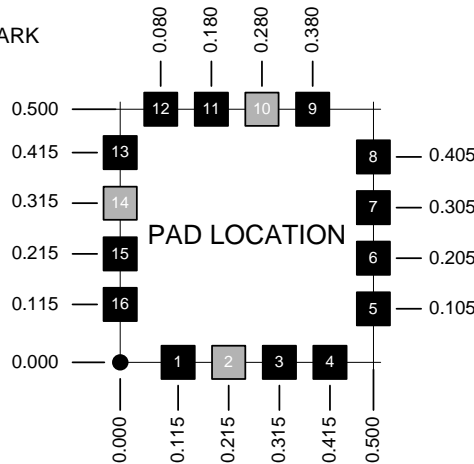
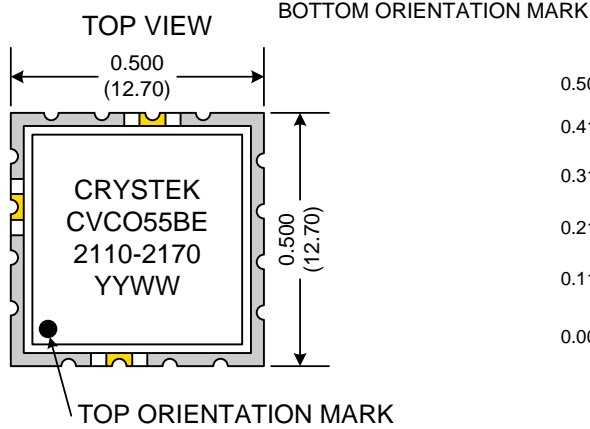
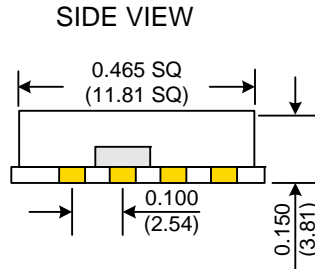
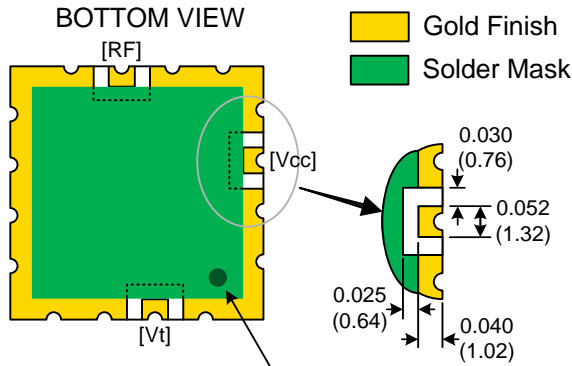
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2110	MHz
Upper Frequency:	2170			MHz
Tuning Voltage:	0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+3.0	+6.0	dBm
Supply Current:		11	20	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-15	-10	dBc
Pushing:			4.0	MHz/V
Pulling, all Phases:			2.0	MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 10kHz offset:		-104		dBc/Hz
Phase Noise @ 100kHz offset:		-125		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			22	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

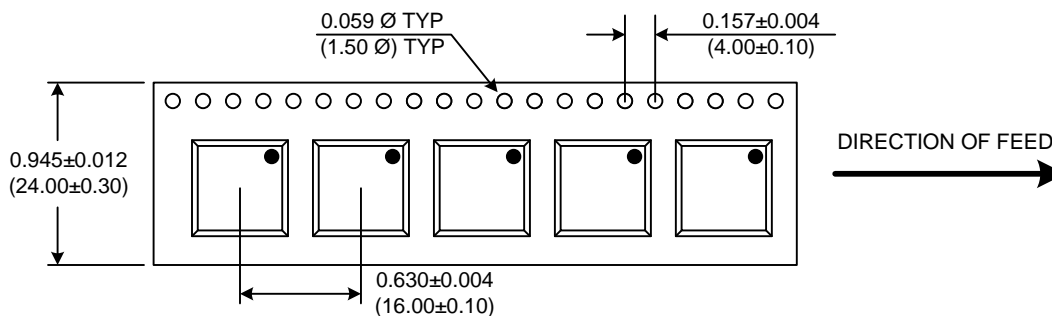




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- 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:	CVCO55BE-2110-2170	Release Date:	26-Aug-2013
Revision Level:	G	Responsible:	C. Vales

Specification is subject to change without notice

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View CVCO55BE-2110-2170 on WIN SOURCE](#)
-  [Crystek Corporation](#) Information

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-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management