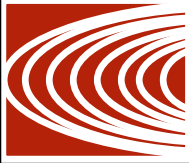




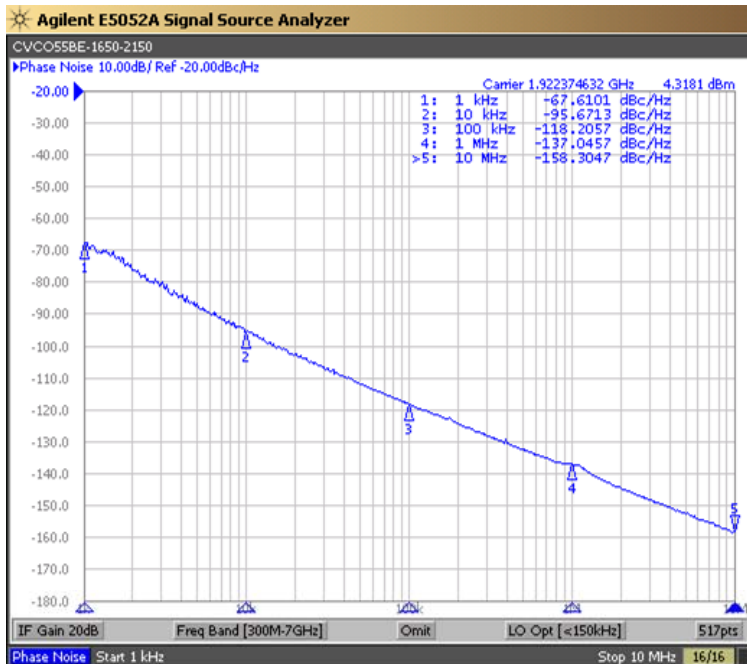
**THE DATASHEET OF
CVC055BE-1650-2150**



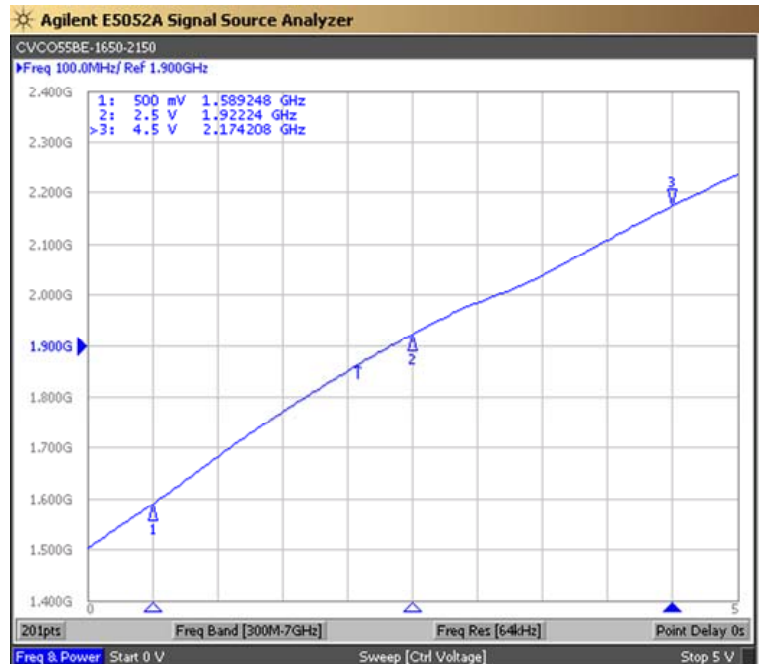


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1650	MHz
Upper Frequency:	2150			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+5.0	+8.0	dBm
Supply Current:		15	22	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.5	3.5	MHz/V
Pulling, all Phases:		10	20	MHz pk-pk
Tuning Sensitivity:		160		MHz/V
Phase Noise @ 10kHz offset:		-91		dBc/Hz
Phase Noise @ 100kHz offset:		-111		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			27	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



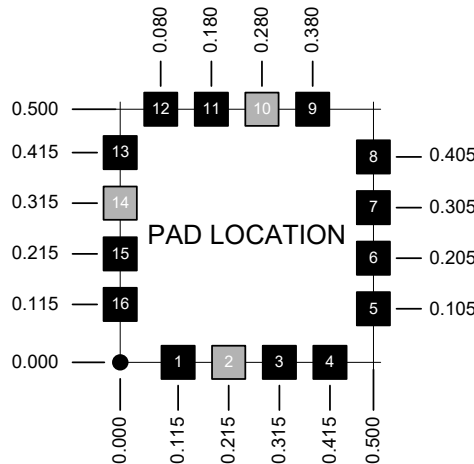
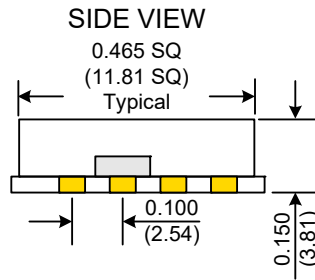
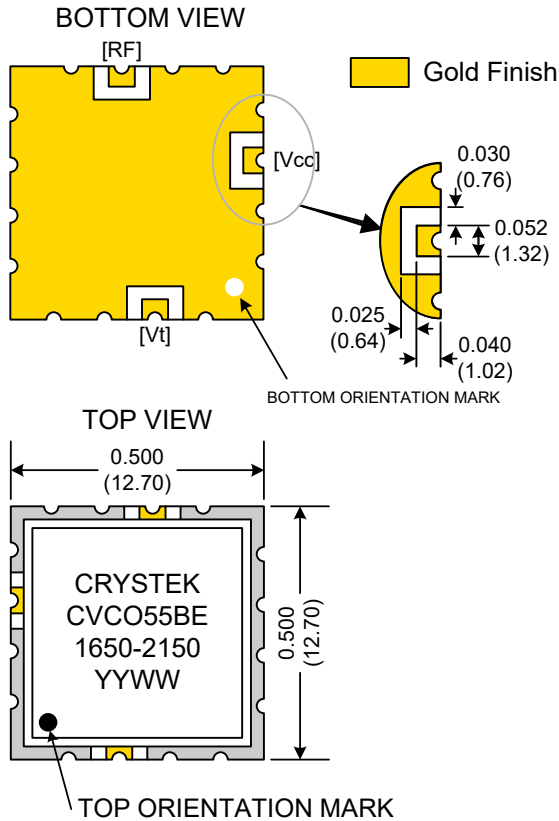
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55BE-1650-2150	Release Date:	08-Dec-2021
Revision Level:	G	Responsible:	C. Vales

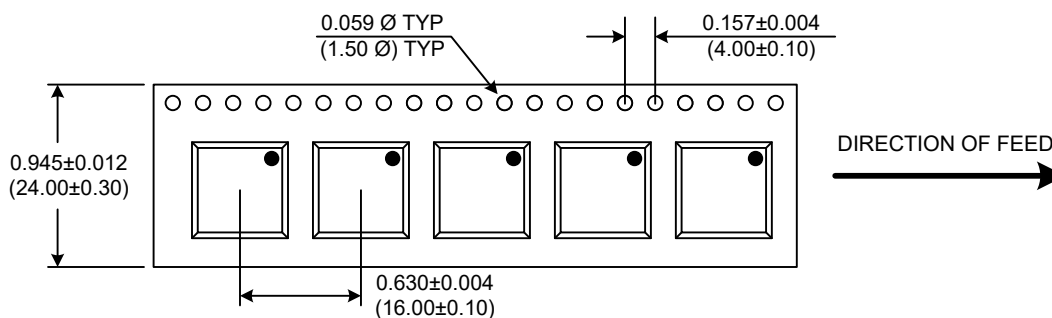




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- 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-1650-2150	Release Date:	08-Dec-2021
Revision Level:	G	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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View CVCO55BE-1650-2150 on WIN SOURCE](#)
-  [Crystek Corporation](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management