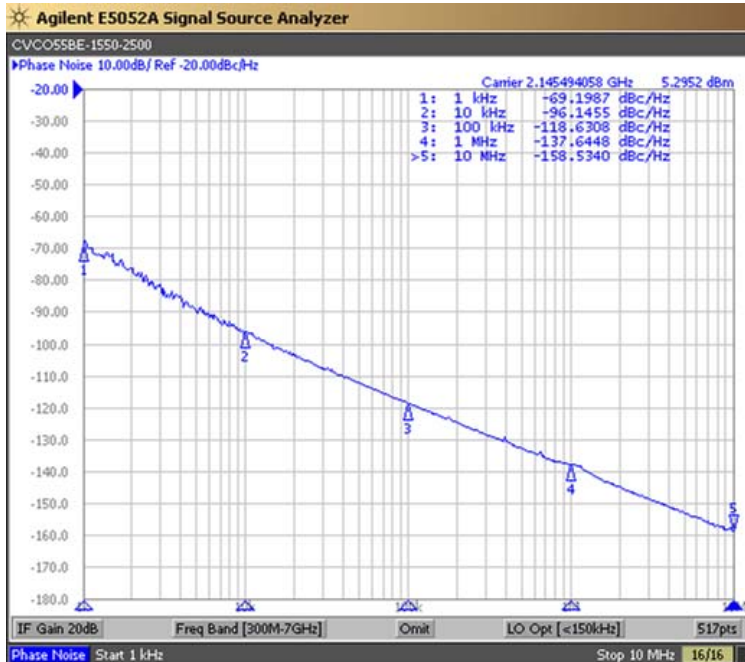


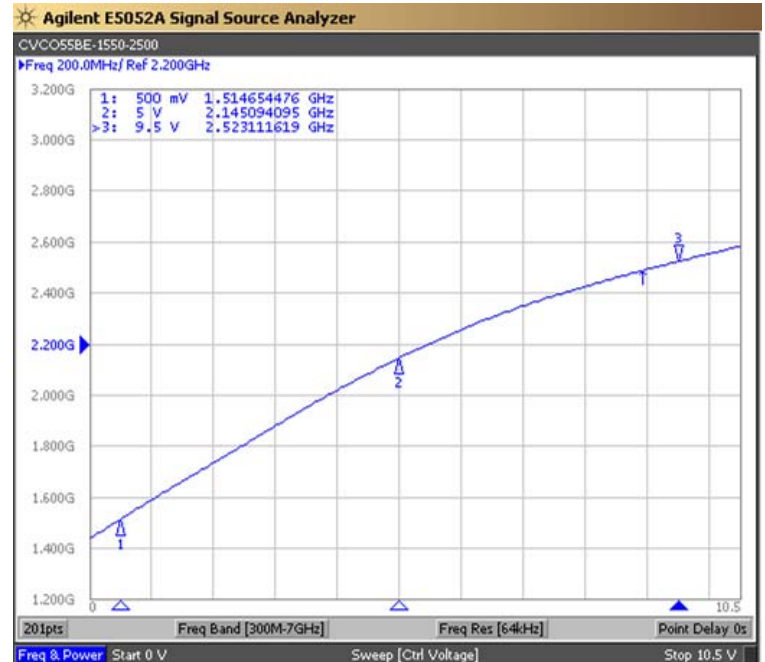


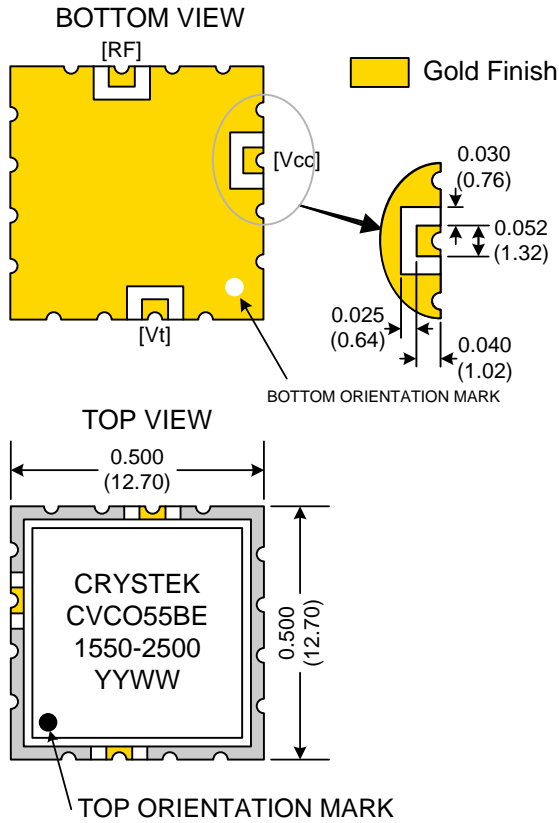
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1550	MHz
Upper Frequency:	2500			MHz
Tuning Voltage:	0.5		9.5	VDC
Supply Voltage:	9.75	10.0	10.25	VDC
Output Power:	+3.0	+6.0	+9.0	dBm
Supply Current:		13		mA
Harmonic Suppression (2 nd Harmonic):		-7		dBc
Pushing:			5.0	MHz/V
Pulling, all Phases:			23.0	MHz pk-pk
Tuning Sensitivity:		115		MHz/V
Phase Noise @ 10kHz offset:		-95		dBc/Hz
Phase Noise @ 100kHz offset:		-115		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	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:	CVCO55BE-1550-2500	Release Date:	15-Nov-12
Revision Level:	F	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:

[CVCO55BE-1550-2500](#)