



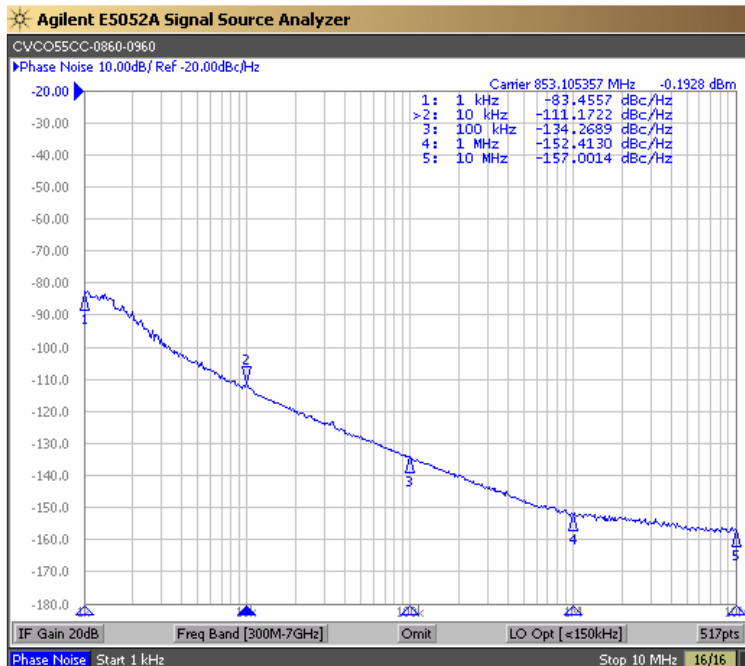
**THE DATASHEET OF
CVCO55CC-0860-0960**



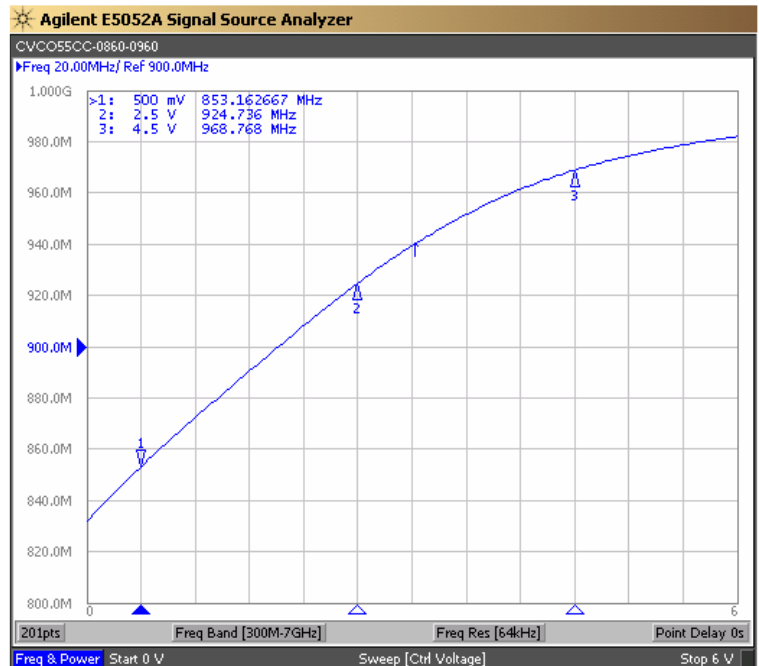


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			860	MHz
Upper Frequency:	960			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+3.0	+6.0	dBm
Supply Current:		20	30	mA
Harmonic Suppression (2 nd Harmonic)		-12	-6	dBc
Pushing:		0.3	0.6	MHz/V
Pulling, all Phases:		0.4	0.8	MHz pk-pk
Tuning Sensitivity:		27		MHz/V
Phase Noise @ 10kHz offset:		-113	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-136	-133	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)

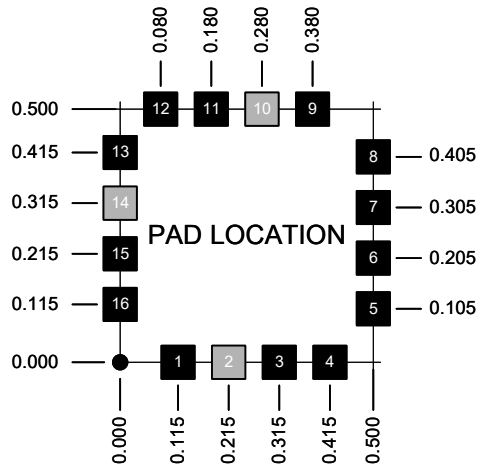
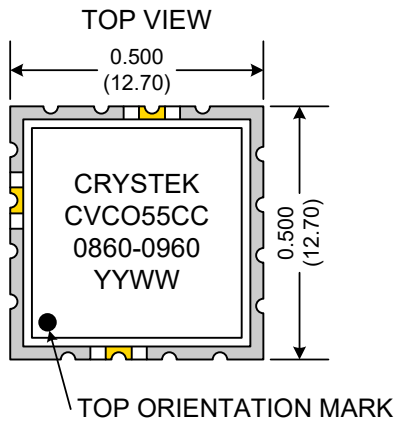
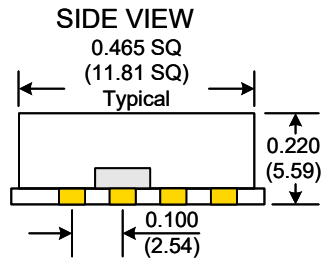
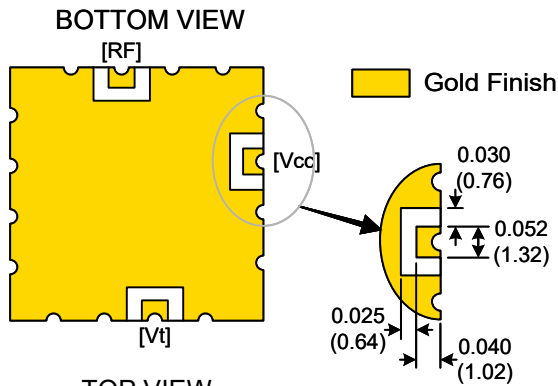


Tuning Curve (Typical)



Product Control:

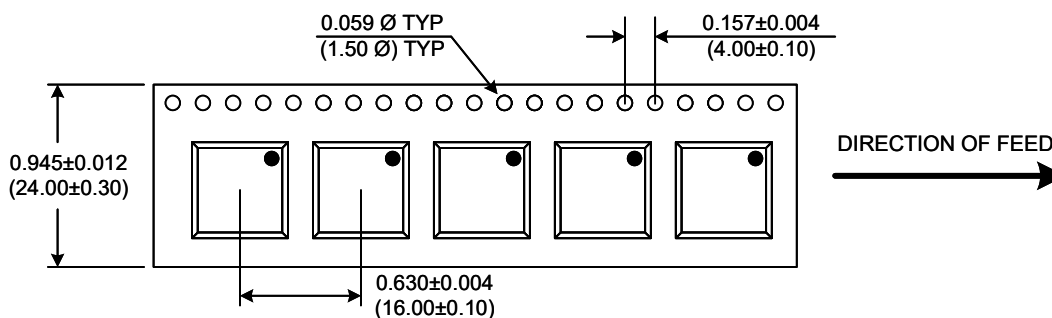
Crystek Part Number:	CVCO55CC-0860-0960	Release Date:	27-Jun-2025
Revision Level:	E	Responsible:	C. Vales



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

- Unless otherwise specified, Dimensions are in: IN (mm)
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale



Product Control:

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Revision Level:	E	Responsible:	C. Vales

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