

Excellent Integrated System Limited

Stocking Distributor

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[Crystek Corporation](#)
[CVCO55CC-2300-2400](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

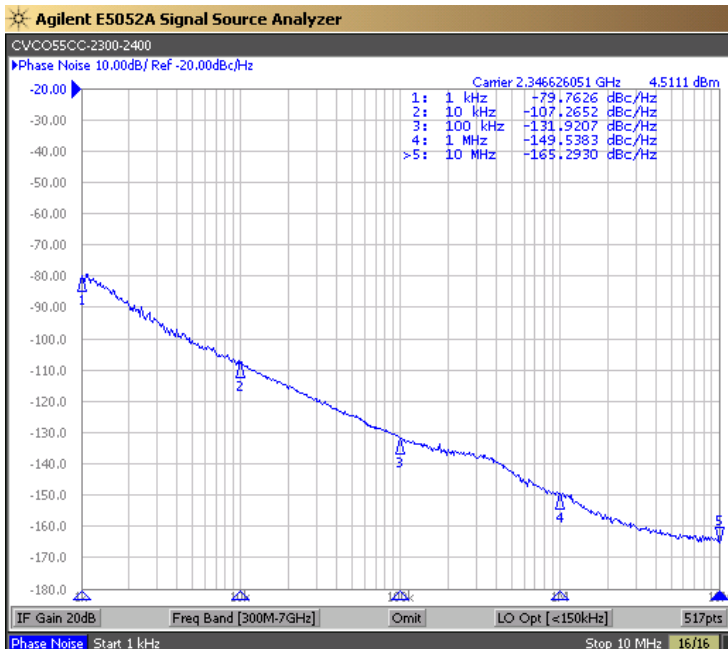


Coaxial Resonator Oscillator-CRO CVCO55CC-2300-2400

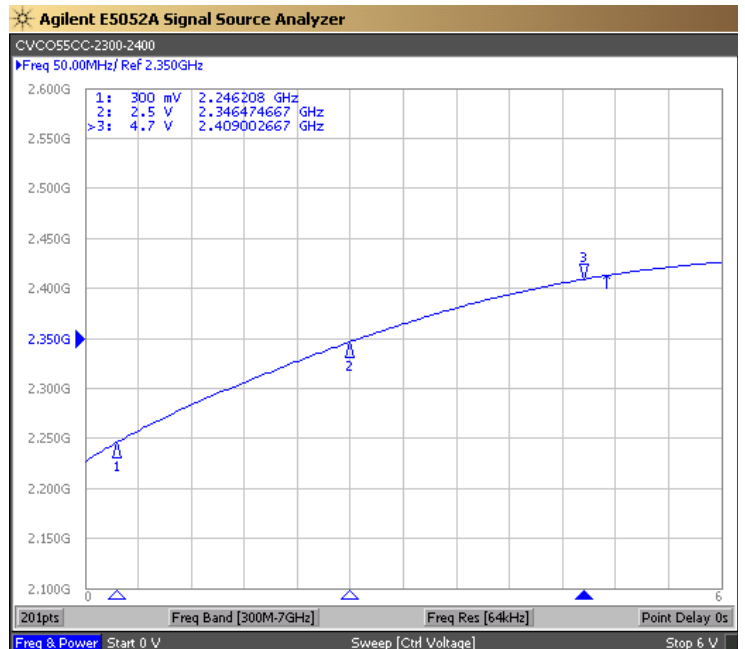


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2300	MHz
Upper Frequency:	2400			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+3.0	+6.0	dBm
Supply Current:		30		mA
Harmonic Suppression (2 nd Harmonic):		-20		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 10kHz offset:			-104	dBc/Hz
Phase Noise @ 100kHz offset:			-124	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)

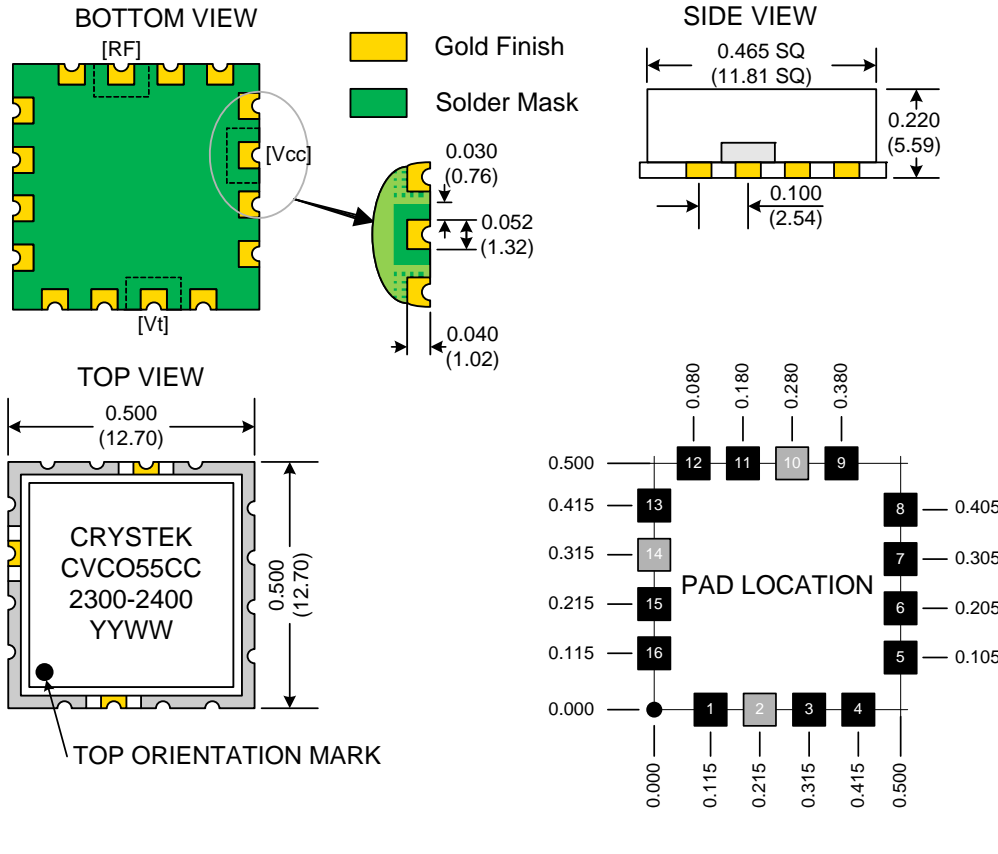


Tuning Curve (Typical)

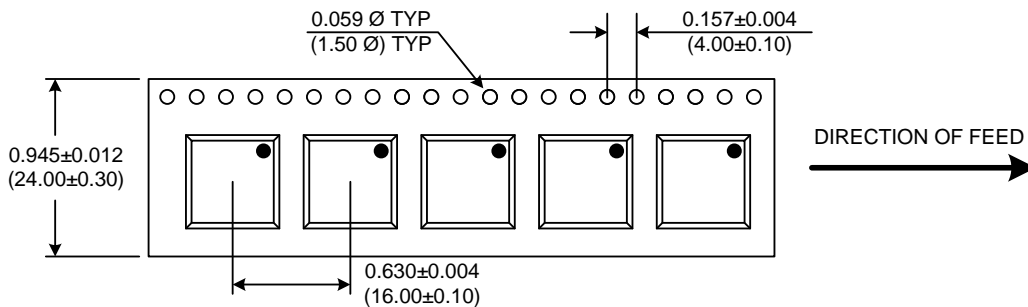




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TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2300-2400	Release Date:	10-Mar-10
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice