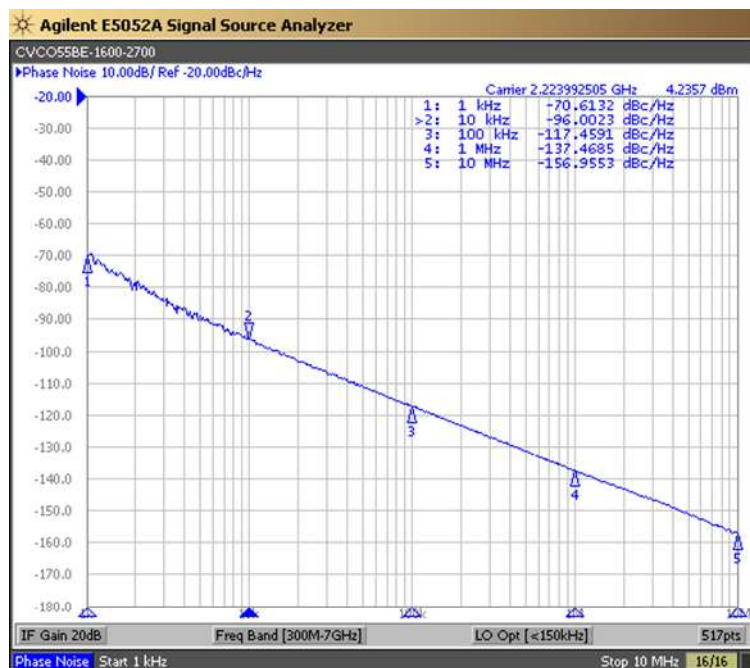
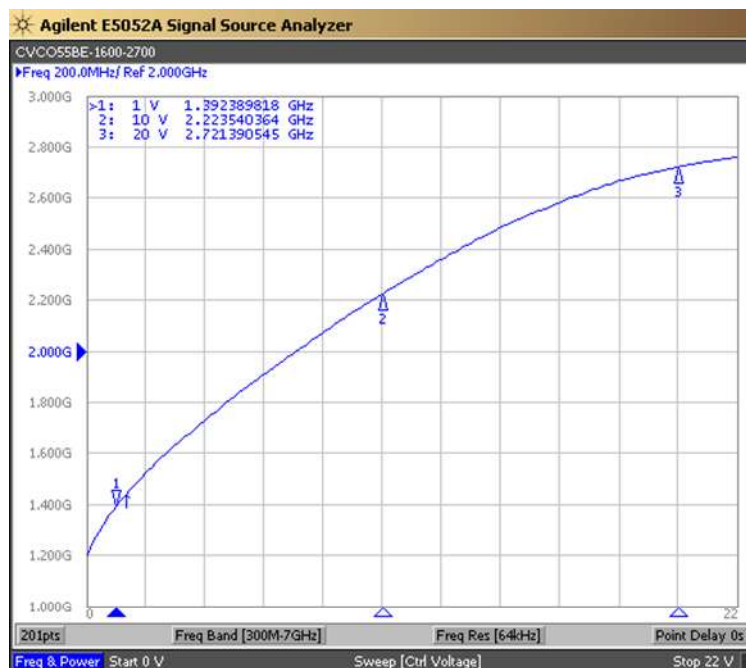


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1600	MHz
Upper Frequency:	2700			MHz
Tuning Voltage:	1.0		20.0	VDC
Supply Voltage:	9.5	10.0	10.5	VDC
Output Power:	-2.0	+3.0	+8.0	dBm
Supply Current:		22		mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:			5.0	MHz/V
Pulling, all Phases:			7.0	MHz pk-pk
Tuning Sensitivity:		84		MHz/V
Phase Noise @ 10kHz offset:		-94	-89	dBc/Hz
Phase Noise @ 100kHz offset:		-114		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-30		+75	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



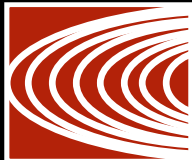
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55BE-1600-2700	Release Date:	01-Jun-2026
Revision Level:	H	Responsible:	C. Vales

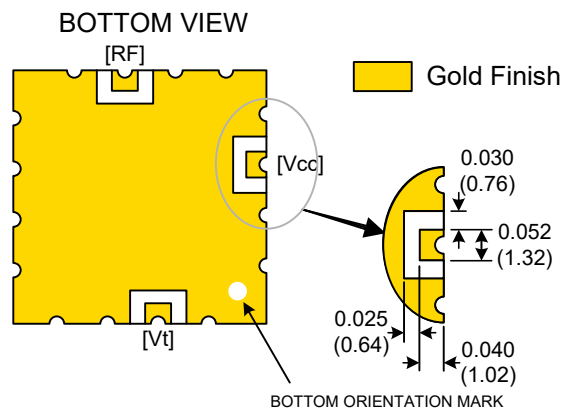




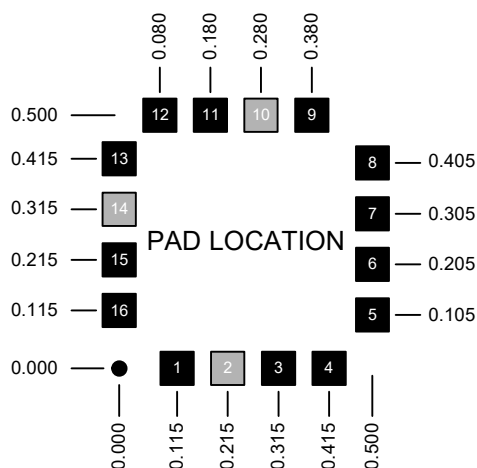
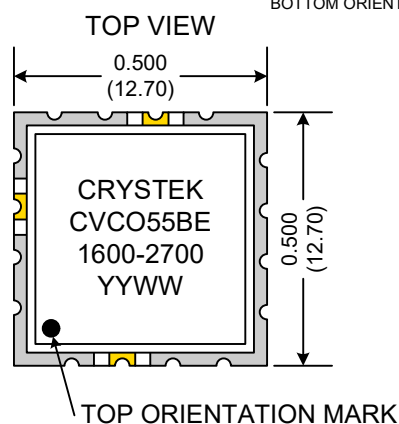
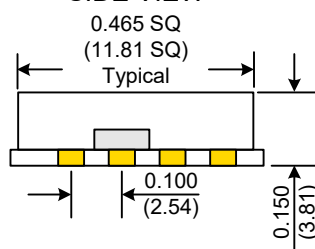
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55BE-1600-2700



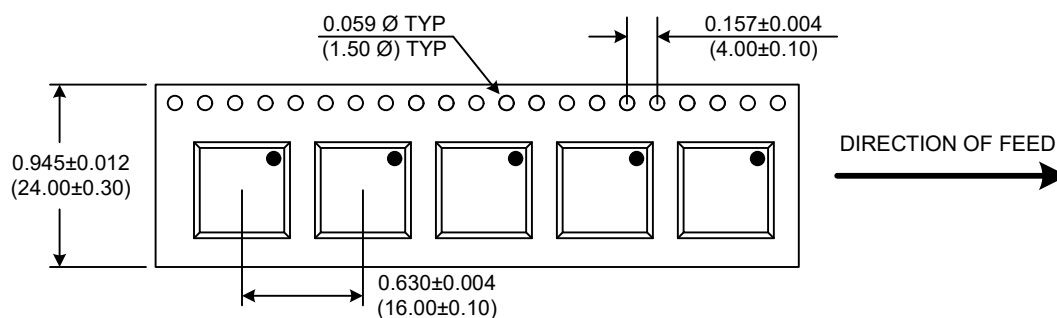
SIDE VIEW



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-1600-2700	Release Date:	01-Jun-2026
Revision Level:	H	Responsible:	C. Vales

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Page 2 of 2



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