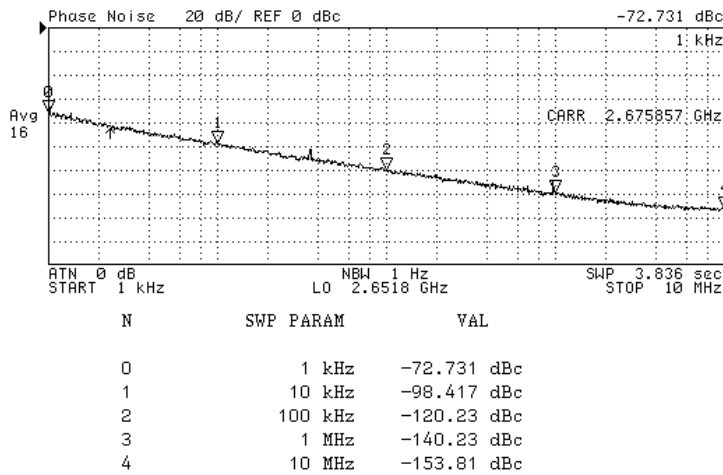


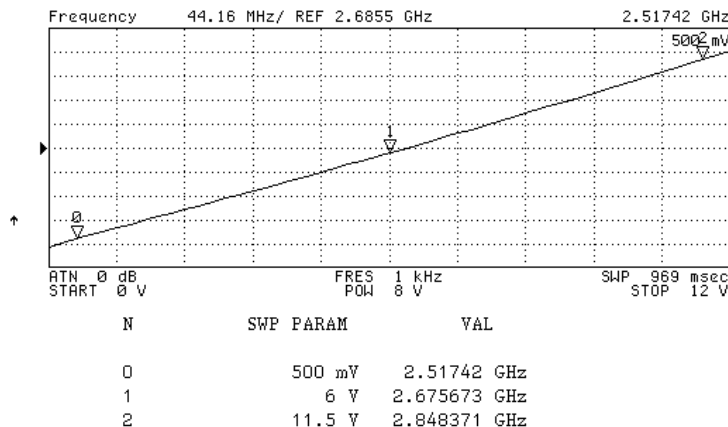


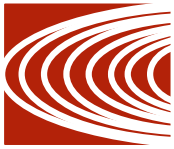
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2767	MHz
Upper Frequency:	2825			MHz
Tuning Voltage:	0.5		11.5	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+2.0	+4.0	+6.0	dBm
Supply Current:		29	35	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		2.0	4.0	MHz/V
Pulling, all Phases:		2.5	5.0	MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 10kHz offset:		-98	-95	dBc/Hz
Phase Noise @ 100kHz offset:		-120	-117	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)

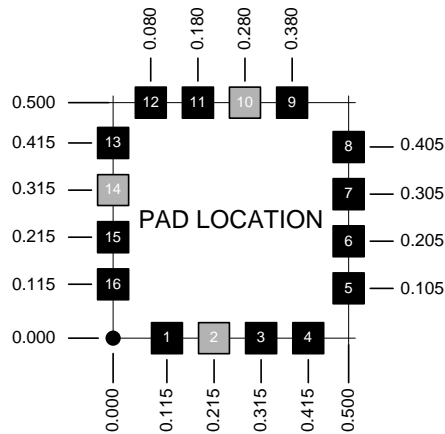
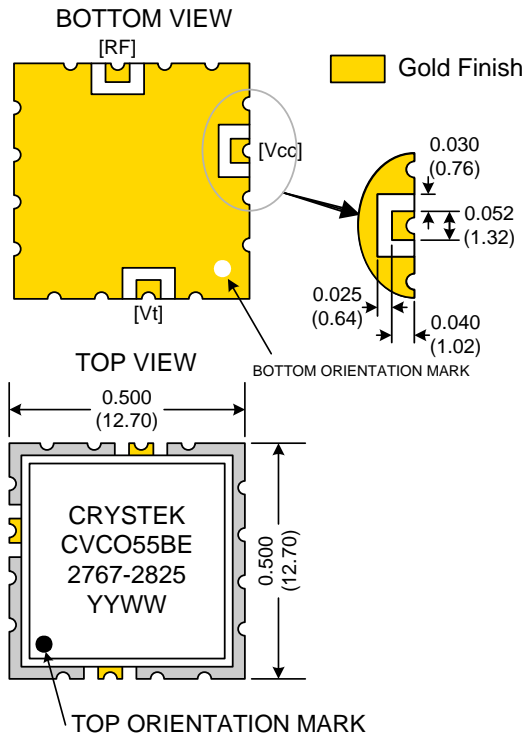




CRYSTEK
MICROWAVE
 A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

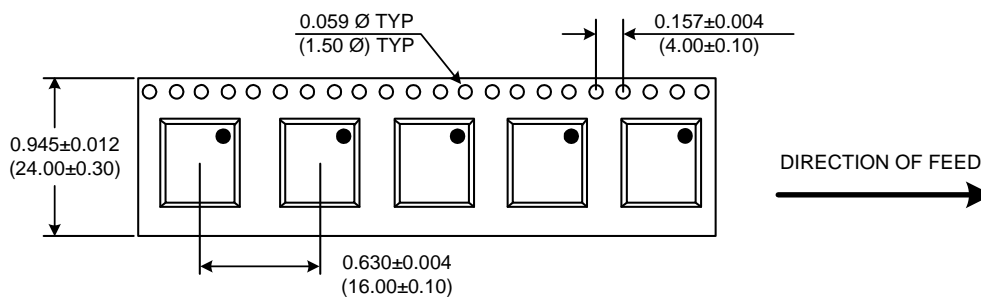
CVCO55BE-2767-2825



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-2767-2825	Release Date:	11-Feb-08
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

