



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2700	MHz
Upper Frequency:	3400			MHz
Tuning Voltage:	1.0		10.0	VDC
Supply Voltage:	10.67	11.0	11.33	VDC
Output Power:	+8	+10	+12	dBm
Supply Current:			60	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):			-12	dBc
Pushing:		10.0		MHz/V
Pulling, all Phases:		25.0		MHz pk-pk
Tuning Sensitivity:		120		MHz/V
Phase Noise @ 10kHz offset:		-85		dBc/Hz
Phase Noise @ 100kHz offset:		-105		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			200	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

**Special Features:**

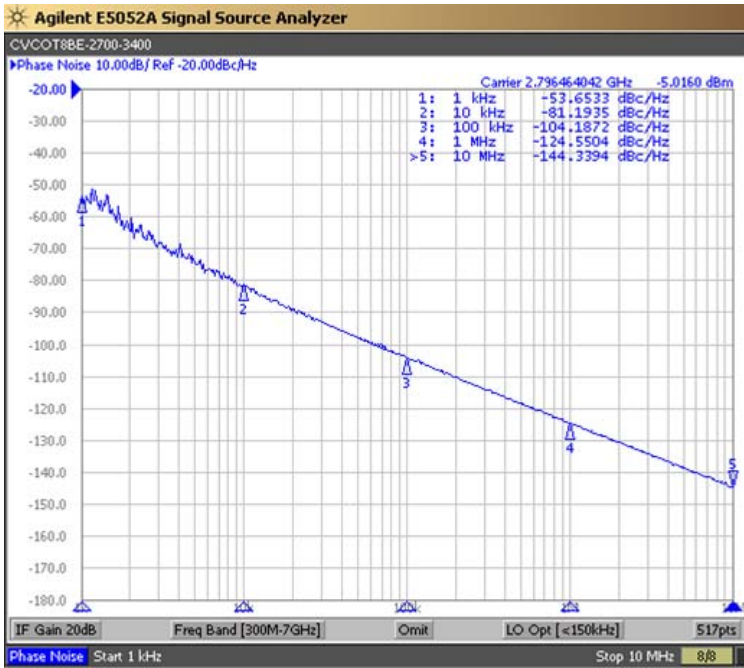
- No Internal Wire Bonds
- Resistance Welded for Hermetic Seal
- Low Phase Noise
- Gold Plated Pins



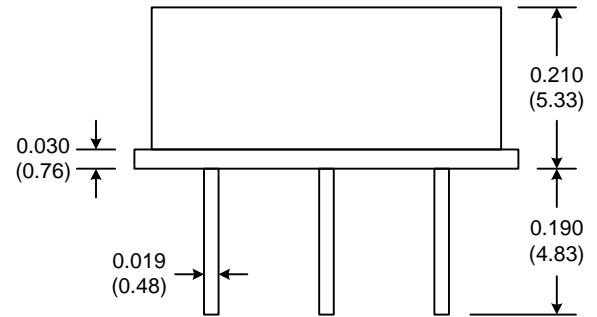
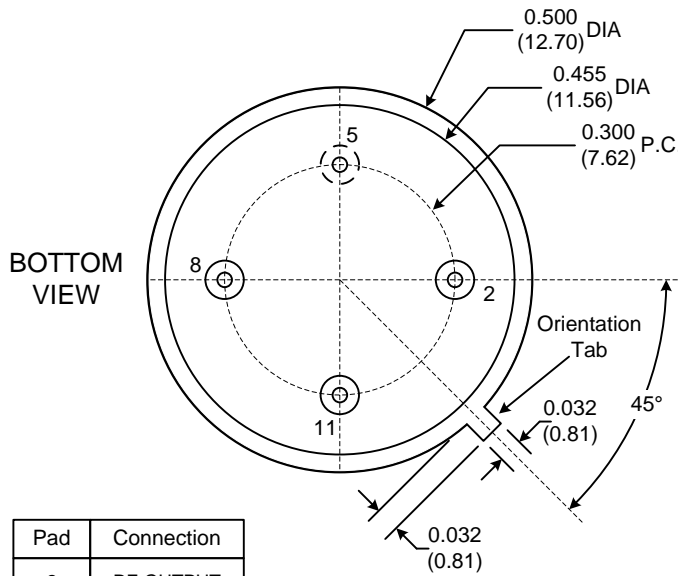
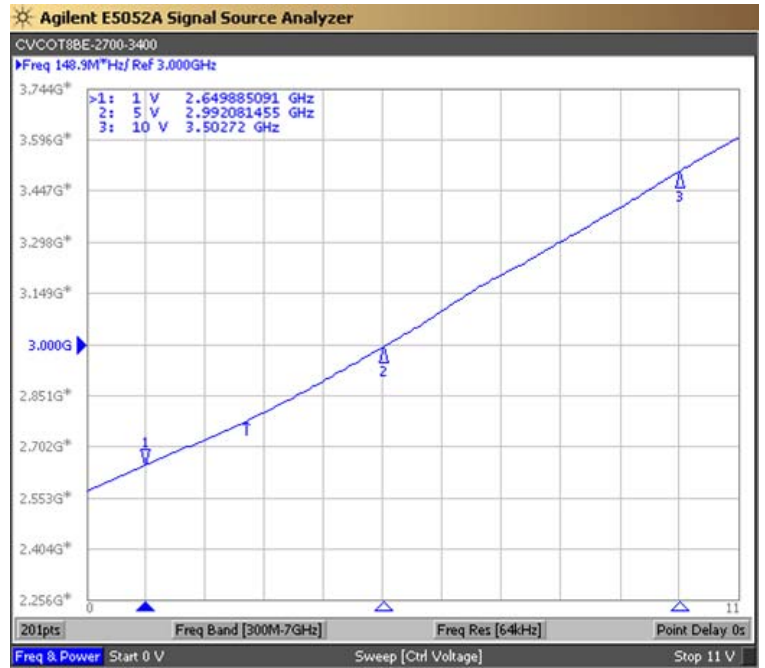
<b>Product Control:</b>			
Crystek Part Number:	CVCOT8BE-2700-3400	Release Date:	27-Aug-2014
Revision Level:	D	Responsible:	C. Vales



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Pad	Connection
2	RF-OUTPUT
5	GROUND
8	Vt
11	Vcc

- Unless otherwise specified, Dimensions are in: IN (mm)
- Orientation determined by tab, not by marking

**Product Control:**

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Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice