

<b>PRODUCT NUMBER</b>	V610TE01	<b>SCD#</b>		<b>CPS#</b>	
<b>PACKAGE STYLE:</b>	.375	<b>TEST SET-UP</b>	810-0013	<b>TEST FIXTURE NO.</b>	Z12
<b>ELECTRICAL SPECIFICATIONS:</b>	VCO- .375	<b>FR=</b>	1050 - 1085	<b>MHz, Vt=</b>	1 to 4 Vdc
<b>1.0 FREQUENCY RANGE (MHz):</b>		1050	to	1085	<b>MHz</b>
<b>2.0 TUNING VOLTAGE (Vdc):</b>				1 to 4	<b>Vdc</b>
<b>3.0 TUNING SENSITIVITY, AVG. (MHz/Volt):</b>				20	<b>MHz/V</b>
<b>4.0 ACCURACY AND STABILITY (OVER TEMP) (PPM):</b>					<b>KHz/C</b>
<b>5.0 PHASE NOISE (1 Hz BW):</b>					
<b>A. 10 KHz OFFSET (dBc/Hz):</b>				-115 (AVG)	<b>dBc/Hz</b>
<b>B. 1 KHz OFFSET (dBc/Hz):</b>				-88 (AVG)	<b>dBc/Hz</b>
<b>100 KHz OFFSET (dBc/Hz):</b>				-135 (AVG)	<b>dBc/Hz</b>
<b>6.0 POWER OUTPUT (into 50 Ohms) (dBm):</b>				-6 to 3	<b>dBm</b>
<b>7.0 HARMONIC SUPPRESSION (2nd) (dBc):</b>				-20	<b>dBc</b>
<b>8.0 PULLING (1.67:1 VSWR, ANY PHASE)(MHz):</b>				<1	<b>MHz</b>
<b>9.0 PUSHING (MHz/Volt):</b>				<1	<b>MHz/V</b>
<b>10.0 INPUT CAPACITANCE (pf) (MAX):</b>				50	<b>pF</b>
<b>11.0 LOAD IMPEDANCE (Ohms):</b>				50	<b>Ohms</b>
<b>12.0 SUPPLY VOLTAGE (Volts):</b>				5	<b>Vdc</b>
<b>13.0 SUPPLY CURRENT (min; typ; max.) (mA):</b>		37 TYP		42	<b>mA</b>
<b>14.0 TEMPERATURE (degrees Celsius):</b>				-10 to 85	<b>C</b>
<b>15.0 OTHER:</b>					
<b>ENGINEERING</b>	<b>QC/QA</b>	<b>MARKETING</b>	<b>ENG.PROD. SPEC</b>		
			<b>710-1161</b>		<b>REV A</b>