

PRODUCT NUMBER	V061ME02	SCD#		CPS#	
PACKAGE STYLE:	MINI-16	TEST SET-UP	810-0013	TEST FIXTURE NO.	Z3
ELECTRICAL SPECIFICATIONS: VCO-MINI-16					
		FR= 70	- 76	MHz, Vt=	5.0Vdc
1.0 FREQUENCY RANGE (MHz):		70	to	76	MHz
2.0 TUNING VOLTAGE (Vdc):				5.0	Vdc
3.0 TUNING SENSITIVITY, AVG. (MHz/Volt):				6	MHz/V
4.0 ACCURACY AND STABILITY (OVER TEMP) (PPM):					KHz/C
5.0 PHASE NOISE (1 Hz BW):					
A. 10 KHz OFFSET (dBc/Hz):				-120 (AVG)	dBc/Hz
B. 1 KHz OFFSET (dBc/Hz):				-94 (AVG)	dBc/Hz
C. 100 KHz OFFSET (dBc/Hz):				-138 (AVG)	dBc/Hz
6.0 POWER OUTPUT (into 50 Ohms) (dBm):				0 to 8	dBm
7.0 HARMONIC SUPPRESSION (2nd) (dBc):				-18	dBc
8.0 PULLING (1.67:1 VSWR, ANY PHASE)(MHz):				<.5	MHz
9.0 PUSHING (MHz/Volt):				<1	MHz/V
10.0 INPUT CAPACITANCE (pf) (MAX):				1000	pF
11.0 LOAD IMPEDANCE (Ohms):				50	Ohms
12.0 SUPPLY VOLTAGE (Volts):				5	Vdc
13.0 SUPPLY CURRENT (typ; max.) (mA):		14 TYP		17	mA
14.0 TEMPERATURE (degrees Celsius):				-30 to 85	C
15.0 OTHER:					
ENGINEERING	QC/QA	MARKETING	ENG.PROD. SPEC		
			710-1628		REV 1