

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