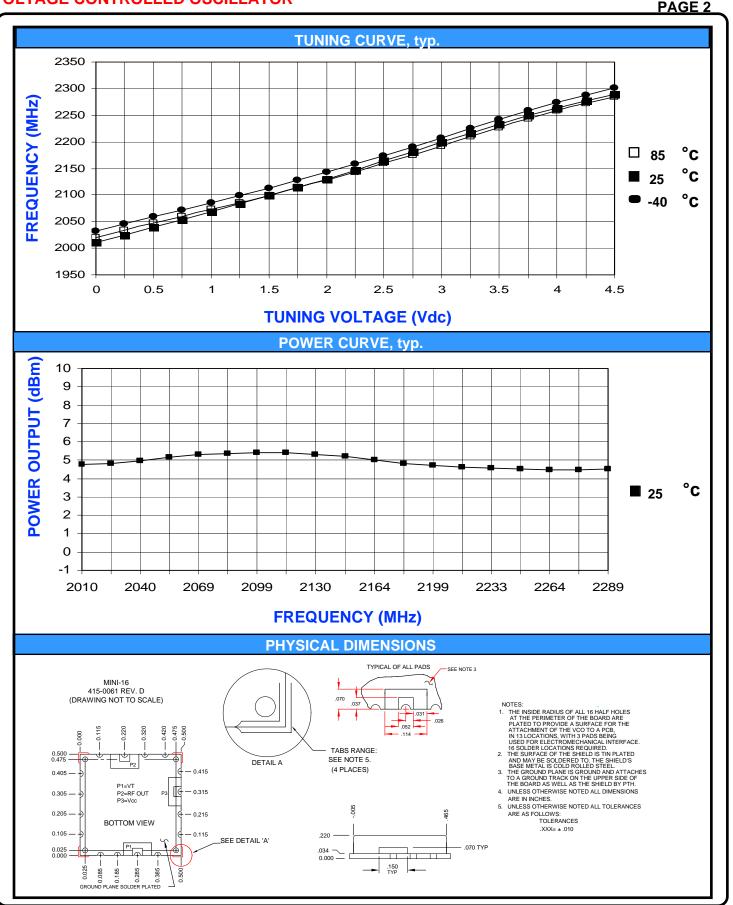
Z-Communications, Inc. 9939 Via Pasar • San Diego, CA 92126 TEL (858) 621-2700 FAX (858) 621-2722

FEATURES • Frequency Range: 2070 - 2270 MHz • Tuning Voltage: 0.5-4.5 Vdc • MINI-16 - Style Package APPLICATIONS • Digital Radio Equipment • Fixed Wireless Access • Satellite Communication Systems	-70 -80 -90 -100 -110 -120 -130 -140 -140 -140 -140 -140 -140 -158 -10 E+3 OFFSET (H	100 E+3
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2070 - 2270	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-104	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	63	MHz/V
Power Output	3±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	20	mA
All specifications are typical unless of	herwise noted and subject to change without notice.	
APPLIC/ • AN-100/1 : Mounting and Grounding of VC • AN-102 : Proper Output Loading of VCOs • AN-107 : How to Solder Z-COMM VCOs	ATION NOTES Os	

LOW COST - HIGH PERFORMANCE VOLTAGE CONTROLLED OSCILLATOR



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