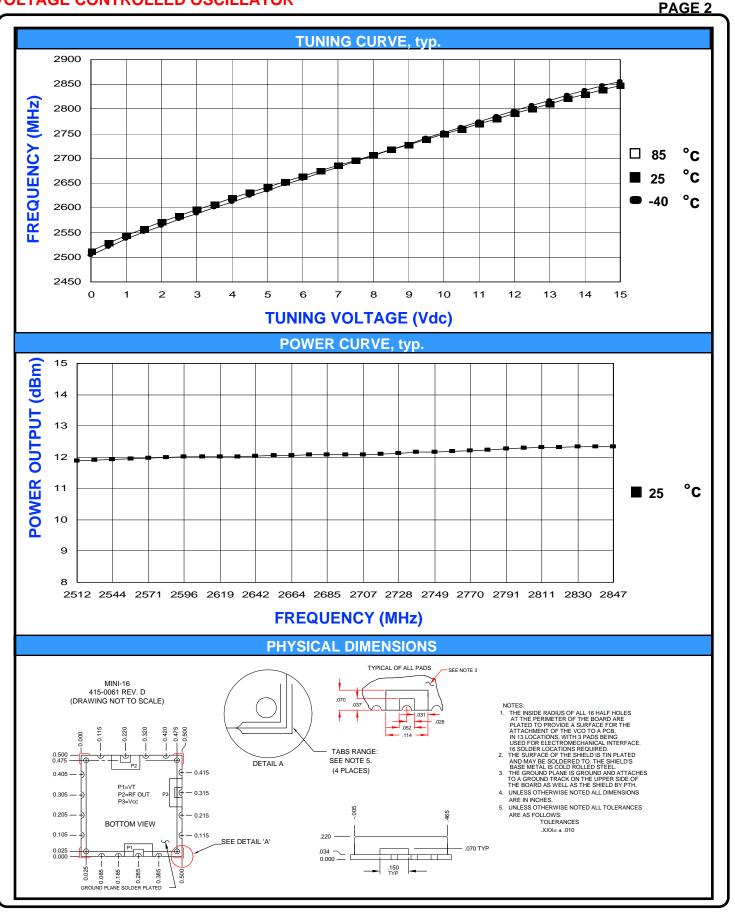
Z-Communications, Inc. 9939 Via Pasar • San Diego, CA 92126 TEL (858) 621-2700 FAX (858) 621-2722

FEATURES Frequency Range: 2600 - 2800 MHz • Frequency Range: 2600 - 2800 MHz • Tuning Voltage: 1-15 Vdc • MINI-16 - Style Package APPLICATIONS • Digital Radio Equipment • Fixed Wireless Access • Satellite Communication Systems	-70 -80 -90 -100 -100 -110 -120 -130 -130 -140 -100 -100 -130 -140 -100 -100 -100 -100 -100 -100 -10	100000
Satellite Communication Systems	J	X 7
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	<u> </u>	MHz
Harmonic Suppression (2nd, typ.)	-110 -15	dBc/Hz dBc
Tuning Voltage	1-15	Vdc
Tuning Sensitivity (avg.)	22	MHz/V
Power Output		dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<0.5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<0.5	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16	v
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	34	mA
	erwise noted and subject to change without notice	
APPLICA	TION NOTES	
 AN-100/1 : Mounting and Grounding of VCC AN-102 : Proper Output Loading of VCOs 		

LOW COST - HIGH PERFORMANCE VOLTAGE CONTROLLED OSCILLATOR



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