Z-Communications, Inc. 9939 Via Pasar • San Diego, CA 92126

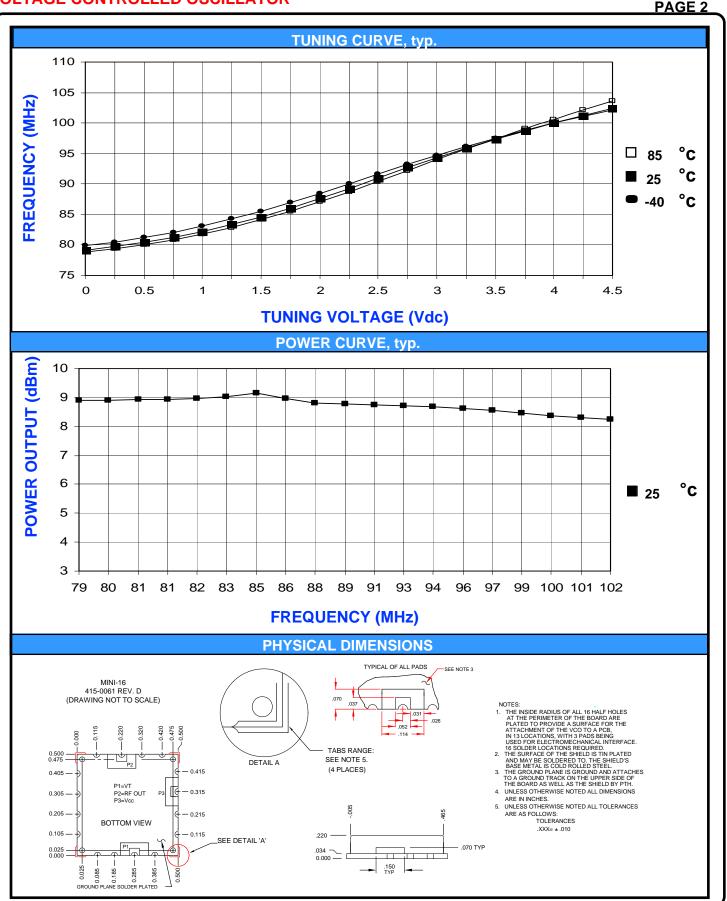
TEL (858) 621-2700 FAX (858) 621-2722

FEATURES         • Frequency Range:       88 - 98.2       MHz         • Tuning Voltage:       0.5-4.5       Vdc         • MINI-16 - Style Package         APPLICATIONS         • RF Modems	-80		
Earthstations	1 E+3	10 E+3	100 E+3
Test Instrumentation	OFFSET (Hz)		
PERFORMANCE SPECIFICATIONS	-	VALUE	UNITS
Oscillation Frequency Range		88 - 98.2	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)		-123	dBc/Hz
Harmonic Suppression (2nd, typ.)		-18	dBc
Tuning Voltage	0.5-4.5		Vdc
Tuning Sensitivity (avg.)		6	MHz/V
Power Output		5±5	dBm
Load Impedance	50		Ω
Input Capacitance (max.)	500		pF
Pushing	<1		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.)	17		mA
All specifications are typical unless otherwise noted and subject to change without notice.			
APPLICATION NOTES			
<ul> <li>AN-100/1 : Mounting and Grounding of VCC</li> <li>AN-102 : Proper Output Loading of VCOs</li> <li>AN-107 : How to Solder Z-COMM VCOs</li> </ul>	Ds		

NOTES:

PCB plating is Nickel/Gold. This supercedes the statement below in Note 1 under Physical Dimentions, "... boards are solder plated ... ".

## LOW COST - HIGH PERFORMANCE VOLTAGE CONTROLLED OSCILLATOR



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