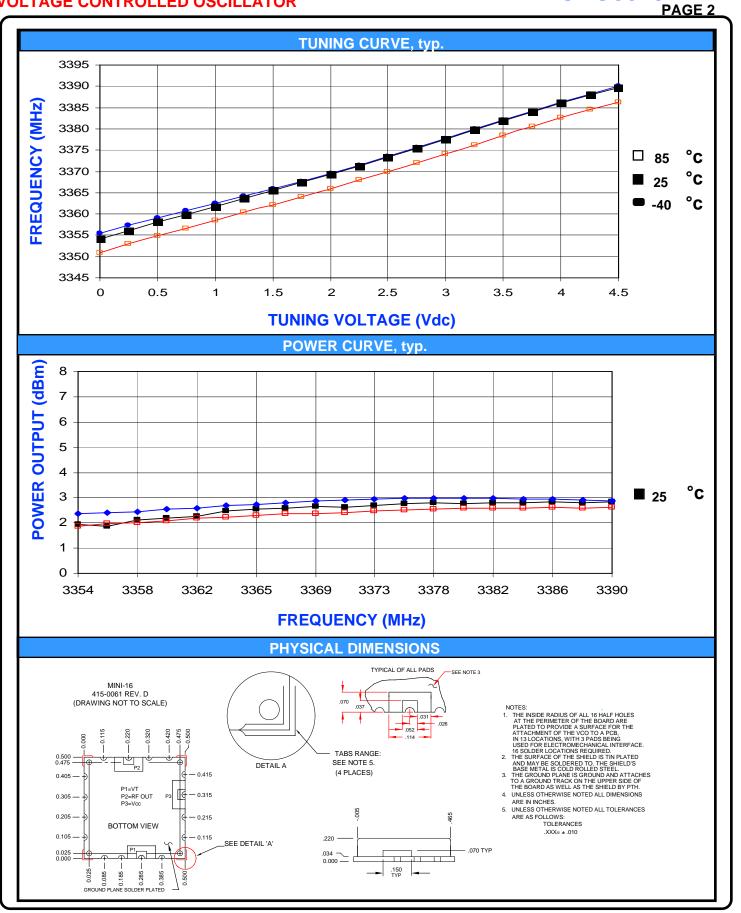
Z-Communications, Inc. 9939 Via Pasar • San Diego, CA 92126 TEL (858) 621-2700 FAX (858) 621-2722

Features • Frequency Range: 3370 - 3380 MHz • Uning Voltage: 0, 5-4,5 Vdc • MNI-16 - Style Package • ApplicArtions • Wireless communications • Wireless communications • PercorMANCE SPECIFICATIONS VALUE • OFFSET (Hz) • Pase Noise @ 10 kHz offset (1 Hz BW, typ.) -111 • Harmonic Suppression (2nd, typ.) -20 • Tuning Voltage 0.5-4.5 • Uning Sensitivity (avg.) 5 • Development 2.5±2.5 • Development 2.5±2.5 • Development 50 • Load Impedance 50 • Development 2.5±2.5 • Pushing <1 • All Return Loss, Any Phase) <1 • Cperating Temperature Range -40 to 85 • Developt Y REQUIREMENTS 20 Supply Voltage (Vcc, nom.) 5 Vdc Supply Voltage (Vcc, nom.) 5 Vdc Supply Current (Icc, typ.) 20 mA All specifications are typical unless otherwise noted and subject to change without notice. PULCATION NOTES •AN-100/1 : Mounting and Grooun		-20,00	Carrier 3 >1: 1 kHz 2: 10 kHz 4: 100 kHz	Camier 3.374995667 GHz -4.1038 dBr : 1 kHz -84.9981 dBc/Hz : 10 kHz -115.0179 dBc/Hz	
Frequency Range: 3370 - 3380 MHz 1 uning Voltage: 0.54.5 Vac MINI-16 - Style Package 0 0 ApplicAtIONS Base Stations 0 Base Stations 0 0 Vireless communications 0 0 Performance SpecificAtions Value UNITS Oscillation Frequency Range 3370 - 3380 MHz Phase Noise @ 10 kHz offset (1 Hz BW, typ.) -111 dBc/Hz Harmonic Suppression (2nd, typ.) -20 dBc Tuning Voltage 0.5-4.5 Vdc Power Output 2.5±2.5 dBm Load Impedance 50 pF Pulling (14 dB Return Loss, Any Phase			4: 100 kHz	-130.4643 dBc/Hz	
FEATURES Frequency Range: 3370 - 3380 MHz Tuning Voltage: 0.5.4.5 Vdc MINI-16 - Style Package APPLICATIONS Base Stations Wireless communications PERFORMANCE SPECIFICATIONS Socillation Frequency Range 3370 - 3380 MHz Phase Noise @ 10 kHz offset (1 Hz BW, typ.) -111 dBc/Hz Harmonic Suppression (2nd, typ.) -20 dBc Tuning Voltage 0.5-4.5 Vdc Tuning Voltage 0.5-4.5 Vdc Tuning Voltage 0.5-4.5 Vdc Tuning Voltage 0.5-4.5 Vdc Tuning Sensitivity (avg.) 5 MHz/V Power Output 2.5±2.5 dBm Load Impedance 50 Ω Input Capacitance (max.) 50 pF Pushing <1		-50,00			
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AN-100/1 : Mounting and Grounding of VCOs AN-102 : Proper Output Loading of VCOs	All specifications are typical unless otherwise	noted and subject to change	without notice.		
AN-102 : Proper Output Loading of VCOs	APPLICATION	NOTES			
	 AN-102 : Proper Output Loading of VCOs AN-107 : How to Solder Z-COMM VCOs 				

LOW COST - HIGH PERFORMANCE VOLTAGE CONTROLLED OSCILLATOR



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