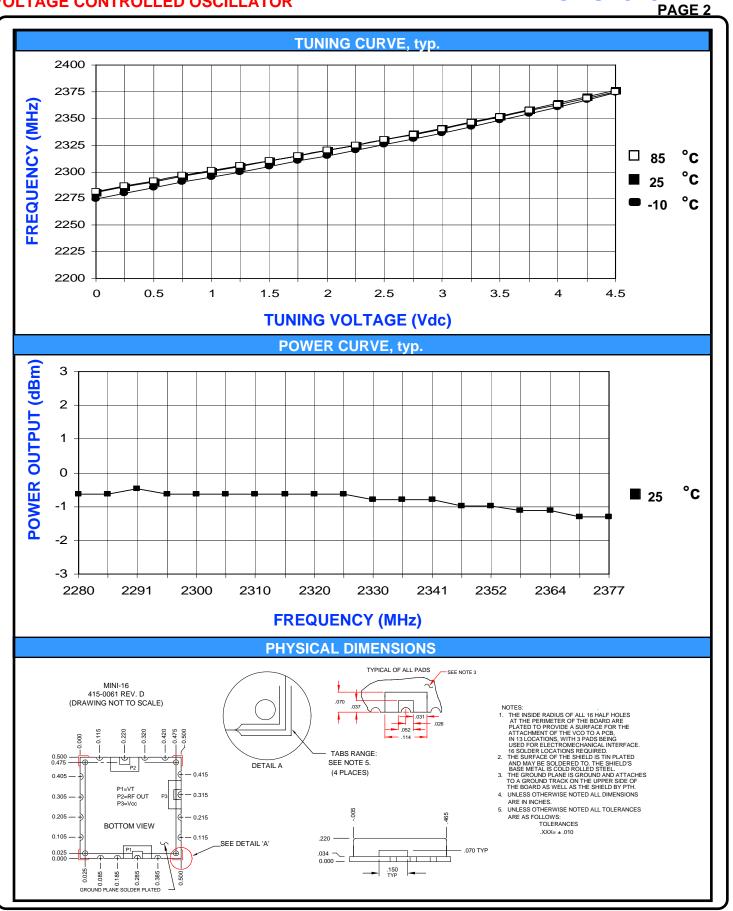
Z-Communications, Inc. 9939 Via Pasar • San Diego, CA 92126 TEL (858) 621-2700 FAX (858) 621-2722

VOLTAGE CONTROLLED OSCILLATOR Rev A1

FEATURES • Frequency Range: 2300 - 2350 MHz • Tuning Voltage: 0.5-4.5 Vdc • MINI-16 - Style Package APPLICATIONS • Digital Radio Equipment • Fixed Wireless Access	-70 -80 -90 -100 -110 -110 -120 -130 -140 1000	1 Hz BW, typical)
Satellite Communication Systems	OFFS	ET (Hz)
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2300 - 2350) MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-110	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	23	MHz/V
Power Output	0±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	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.)	4.5	Vdc
Supply Current (Icc, typ.)	17	mA
All specifications are typical unless oth	erwise noted and subject to change withour	t notice.
APPLICA	TION NOTES	
 AN-100/1 : Mounting and Grounding of VCC AN-102 : Proper Output Loading of VCOs AN-107 : How to Solder Z-COMM VCOs 	Ds	
NOTES:		

LOW COST - HIGH PERFORMANCE VOLTAGE CONTROLLED OSCILLATOR



© Z-Communications, Inc.

Printed in the U.S.A.

CRO2325A-LF