



查询V910ME01供应商

Z-Communications, Inc.

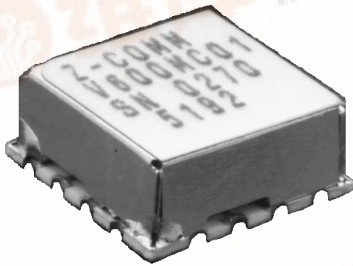
9939 Via Pasar • San Diego, CA 92126
TEL (858) 621-2700 FAX (858) 621-2722

捷多邦, 专业PCB打样工厂, 24小时加急出货

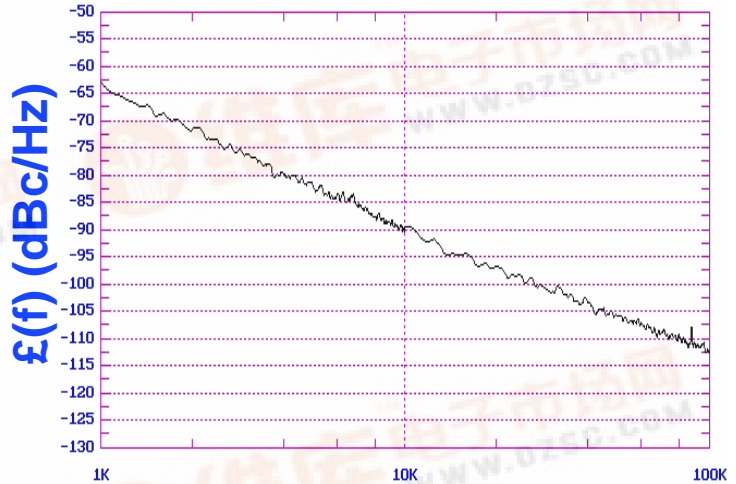
V910ME01

VOLTAGE CONTROLLED OSCILLATOR

Rev B2



PHASE NOISE (1 Hz BW, typical)



FEATURES
• Frequency Range: 3930 - 4200 MHz
• Tuning Voltage: 1.5-11 Vdc
• MINI-14S-L - Style Package
APPLICATIONS
• Microwave Radios
• Satellite Communications
• Direct Broadcast

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	3930 - 4200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-86	dBc/Hz
Harmonic Suppression (2nd, typ.)	-14	dBc
Tuning Voltage	1.5-11	Vdc
Tuning Sensitivity (avg.)	45	MHz/V
Power Output	1±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<12	MHz
Operating Temperature Range	-35 to 80	$^{\circ}\text{C}$
Package Style	MINI-14S-L	

POWER SUPPLY REQUIREMENTS	VALUE	UNITS
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	15	mA

All specifications are typical unless otherwise noted and subject to change without notice.

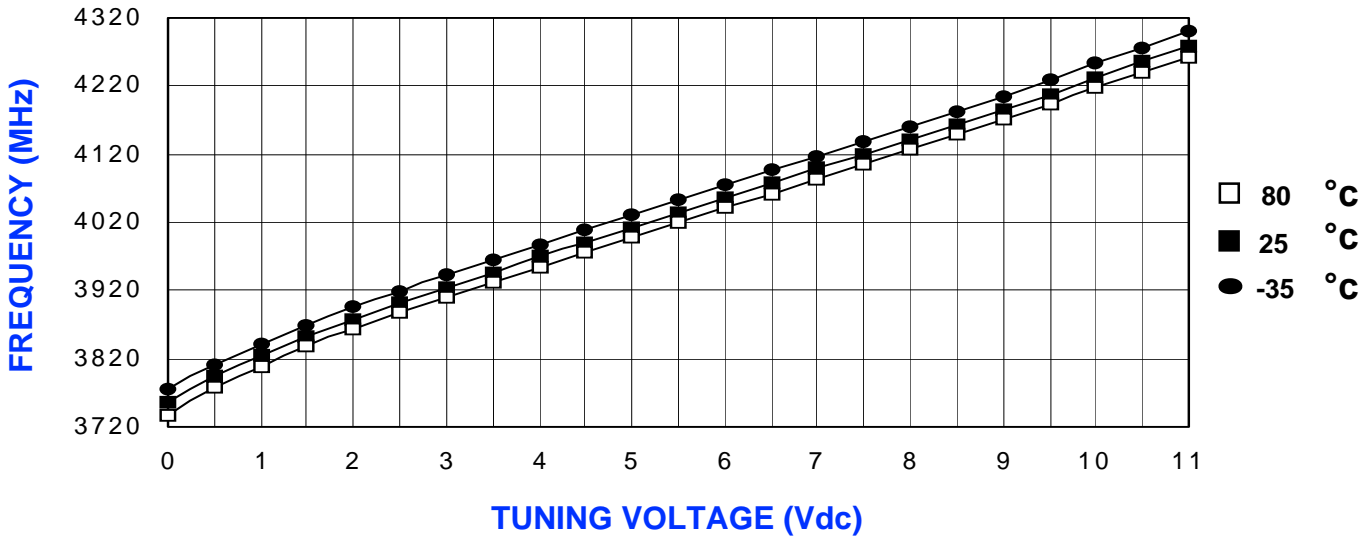
APPLICATION NOTES
• AN-100/1 : Mounting and Grounding of VCOs
• AN-102 : Proper Output Loading of VCOs
• AN-107 : How to Solder Z-COMM VCOs

NOTES:

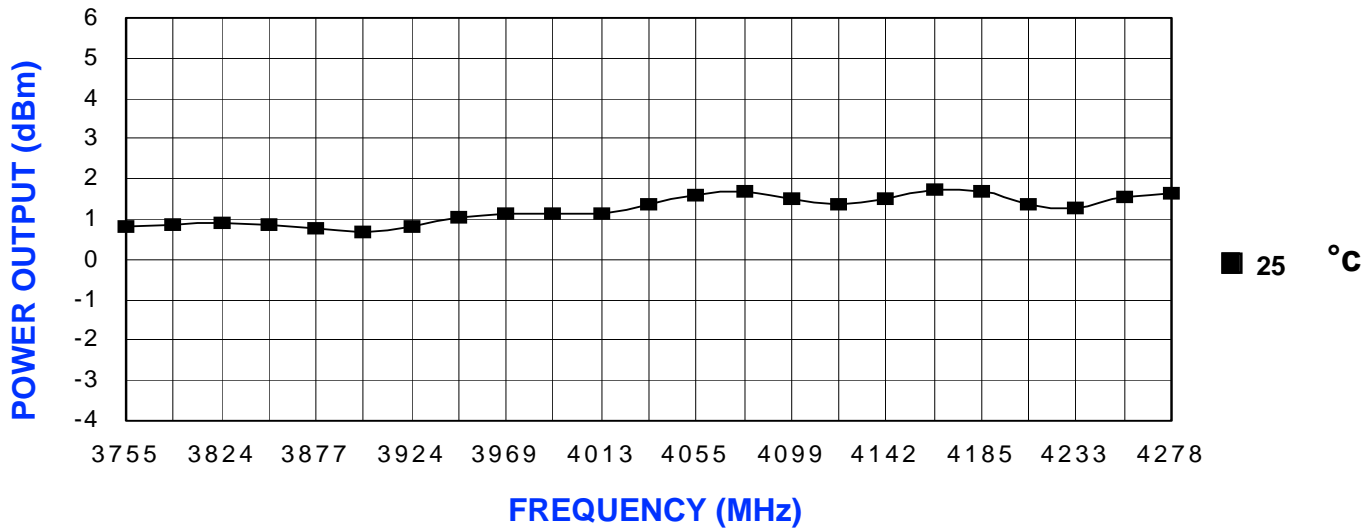
Phase Noise @ 100 kHz offset (1 Hz BW, typ.): -111 dBc/Hz



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

