



查询V600ME07供应商

Z-Communications, Inc.

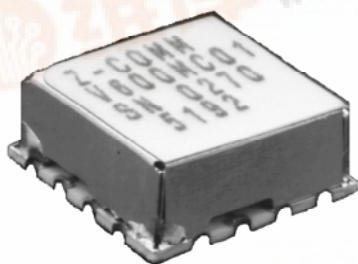
9939 Via Pasar • San Diego, CA 92126
TEL (858) 621-2700 FAX (858) 621-2722

捷多邦, 专业PCB打样工厂, 24小时加急出货

V600ME07

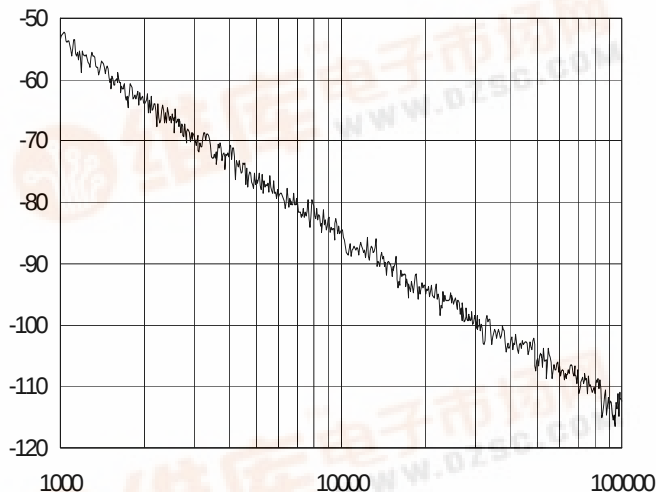
VOLTAGE CONTROLLED OSCILLATOR

Rev A1



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES

- Frequency Range: 1600 - 3200 MHz
- Tuning Voltage: 0.5-20 Vdc
- MINI-16-L - Style Package

APPLICATIONS

- Test Instrumentation
- CATV Headend Equipment
- Satellite Communication Systems

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1600 - 3200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-86	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0.5-20	Vdc
Tuning Sensitivity (avg.)	120	MHz/V
Power Output	10±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	75	pF
Pushing	<6	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<8	MHz
Operating Temperature Range	-20 to 70	$^{\circ}\text{C}$
Package Style	MINI-16-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	15	Vdc
Supply Current (Icc, typ.)	36	mA

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

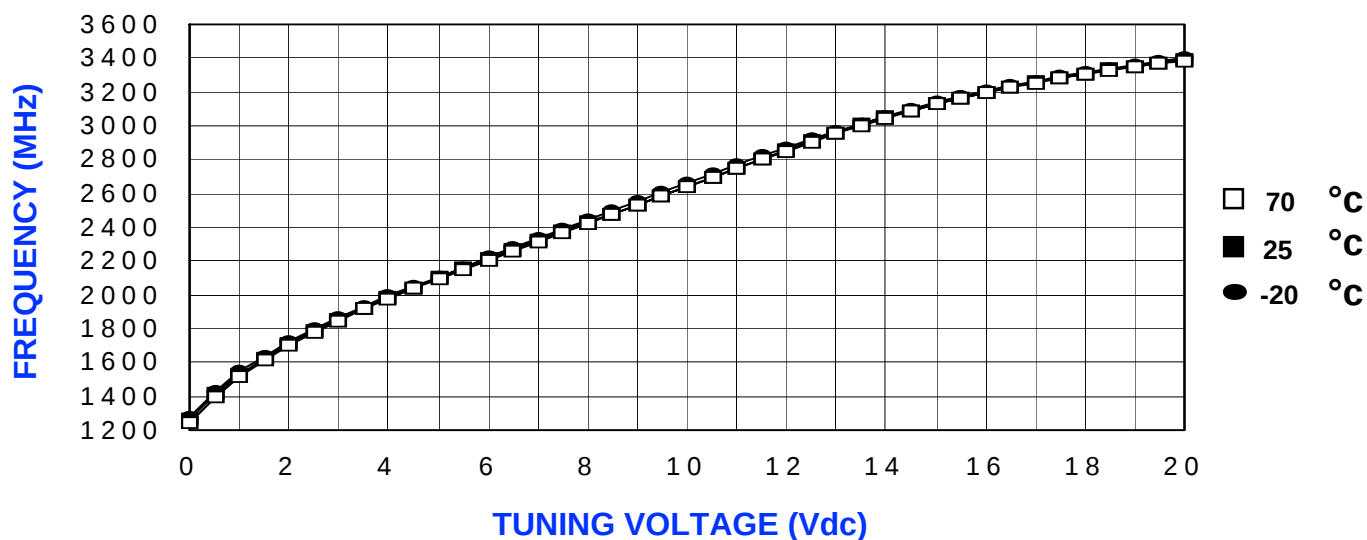
APPLICATION NOTES

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

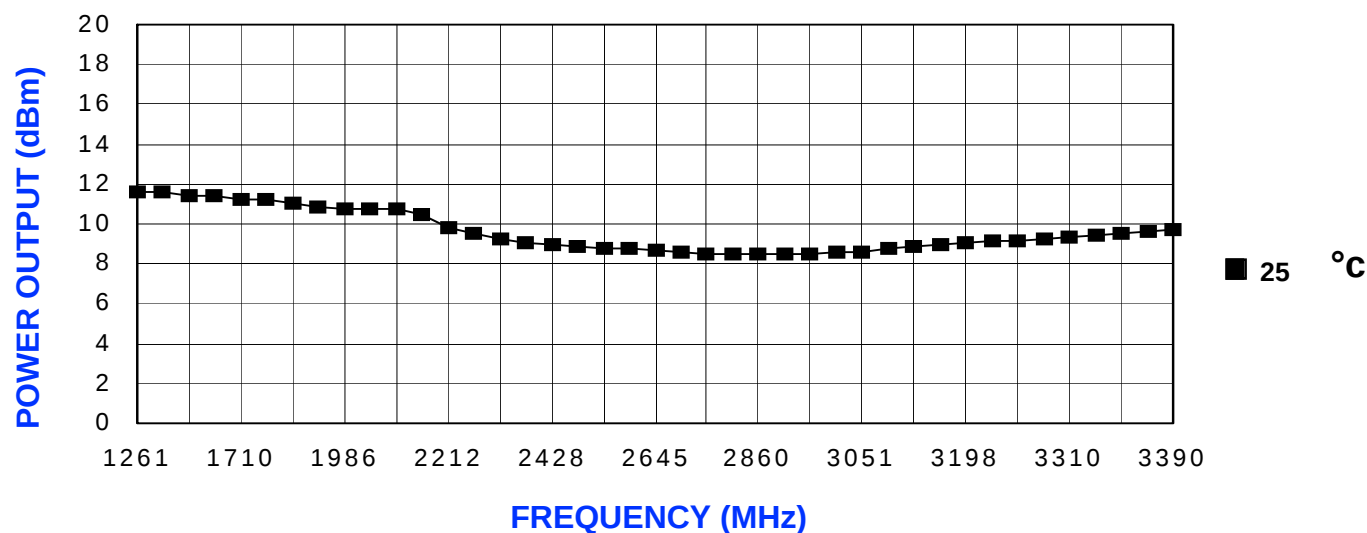
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

