



查询V585ME55供应商

Z-Communications, Inc.

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捷多邦, 专业PCB打样工厂, 24小时加急出货

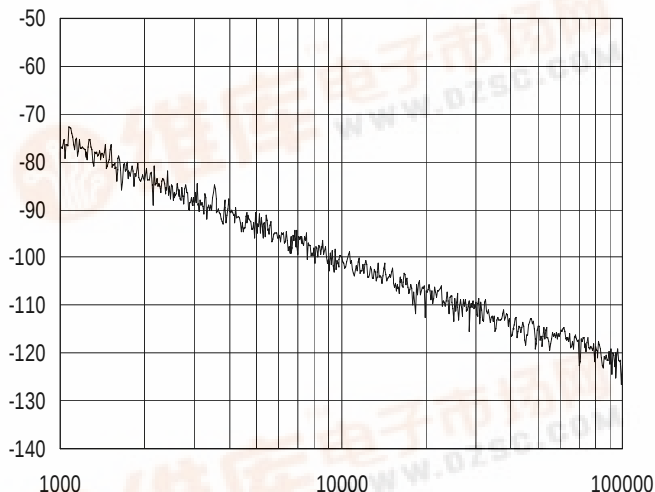
V585ME55

VOLTAGE CONTROLLED OSCILLATOR

Rev A1

PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES
• Frequency Range: 1200 - 2200 MHz • Tuning Voltage: 1 - 20 Vdc • MINI-14S-UL - Style Package
APPLICATIONS
• Satellite Communications • Test Instrumentation • CATV Headend Equipment

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1200 - 2200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-99	dBc/Hz
Harmonic Suppression (2nd, typ.)	-13	dBc
Tuning Voltage	1 - 20	Vdc
Tuning Sensitivity (avg.)	73	MHz/V
Power Output	6.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<3	MHz/V
Pulling (14dB Return Loss, Any Phase)	<15	MHz
Operating Temperature Range	-40 to 85	$^{\circ}\text{C}$
Package Style	MINI-14S-UL	
POWER SUPPLY REQUIREMENTS		
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.

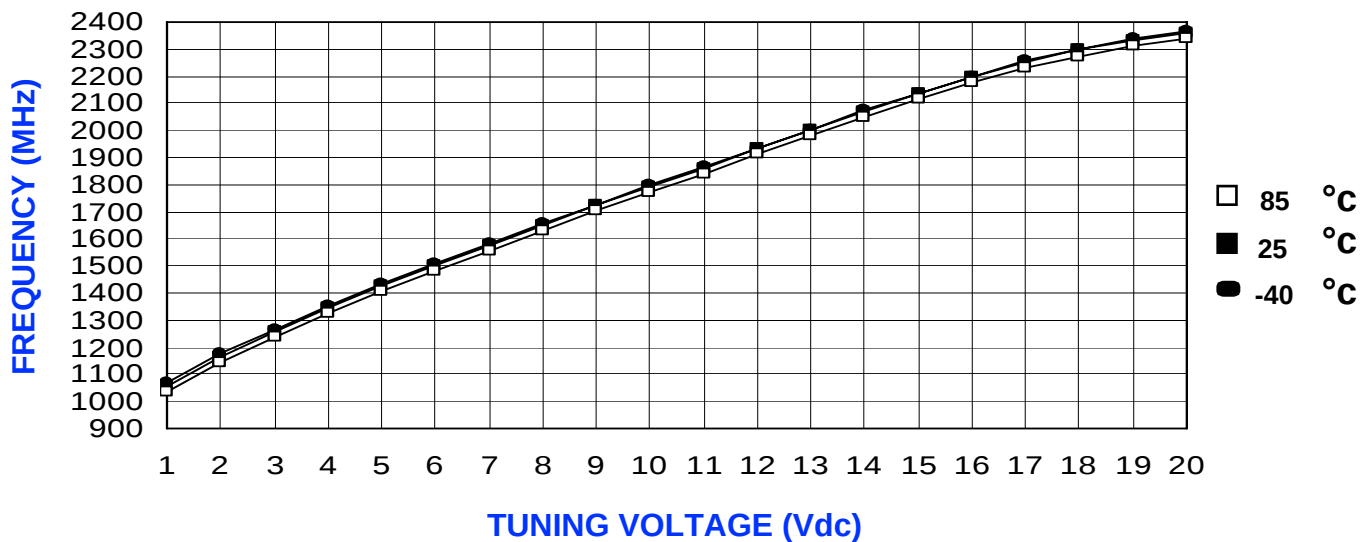
APPLICATION NOTES

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

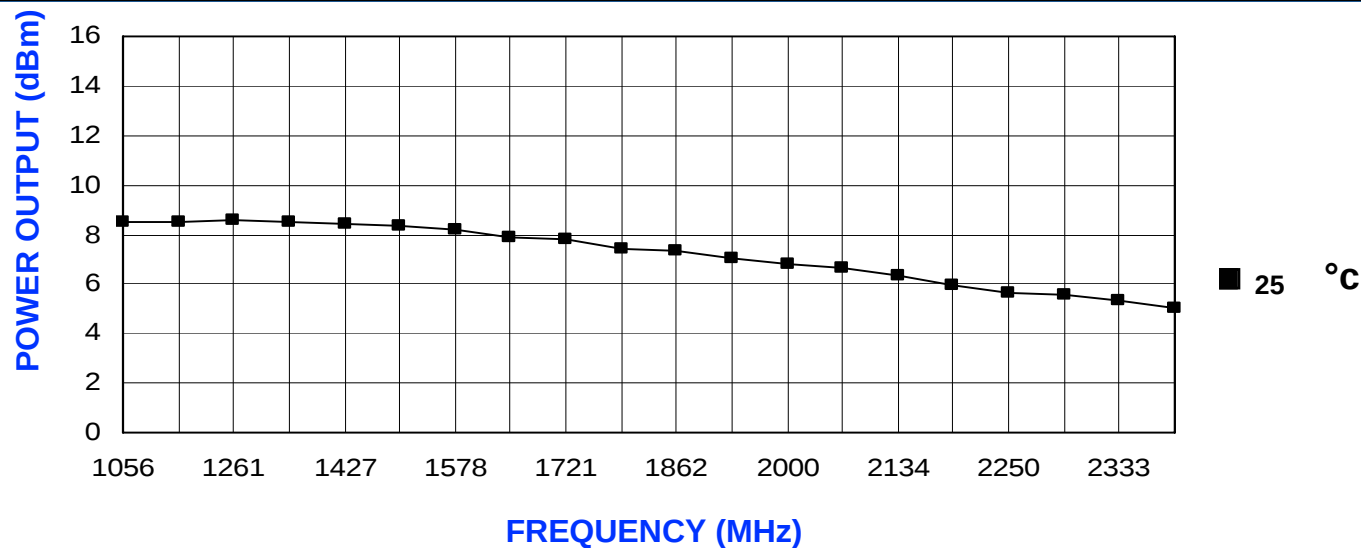
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

