



查询V240ME05供应商

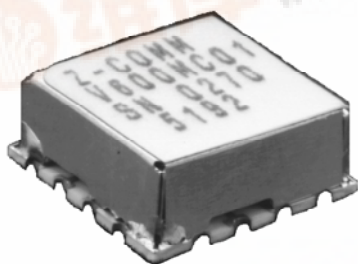
Z-Communications, Inc.

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捷多邦，专业PCB打样工厂，24小时加急出货

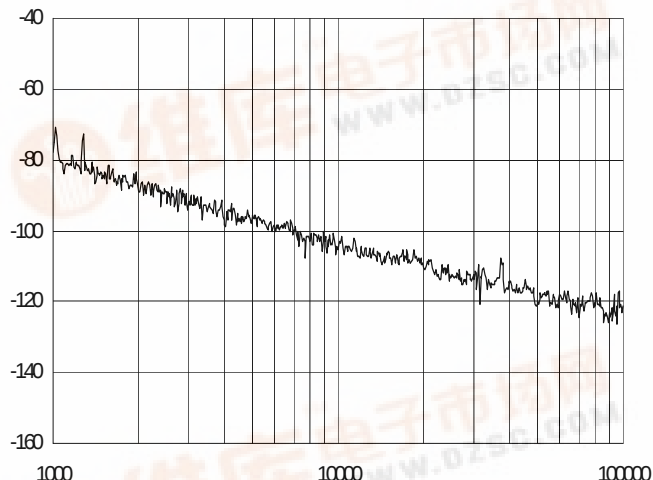
V240ME05

VOLTAGE CONTROLLED OSCILLATOR
Rev A1



PHASE NOISE (1 Hz BW, typical)

$L(f)$ (dBc/Hz)



OFFSET (Hz)

FEATURES	
• Frequency Range:	134 - 246 MHz
• Tuning Voltage:	0.5-4.6 Vdc
• MINI-16-L - Style Package	
APPLICATIONS	
• Satellite Modems	
• Basestation Equipment	
• Mobile Radios	

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	134 - 246	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-107	dBc/Hz
Harmonic Suppression (2nd, typ.)	-7	dBc
Tuning Voltage	0.5-4.6	Vdc
Tuning Sensitivity (avg.)	32	MHz/V
Power Output	0±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<2	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-10 to 85	$^{\circ}\text{C}$
Package Style	MINI-16-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	7	mA

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

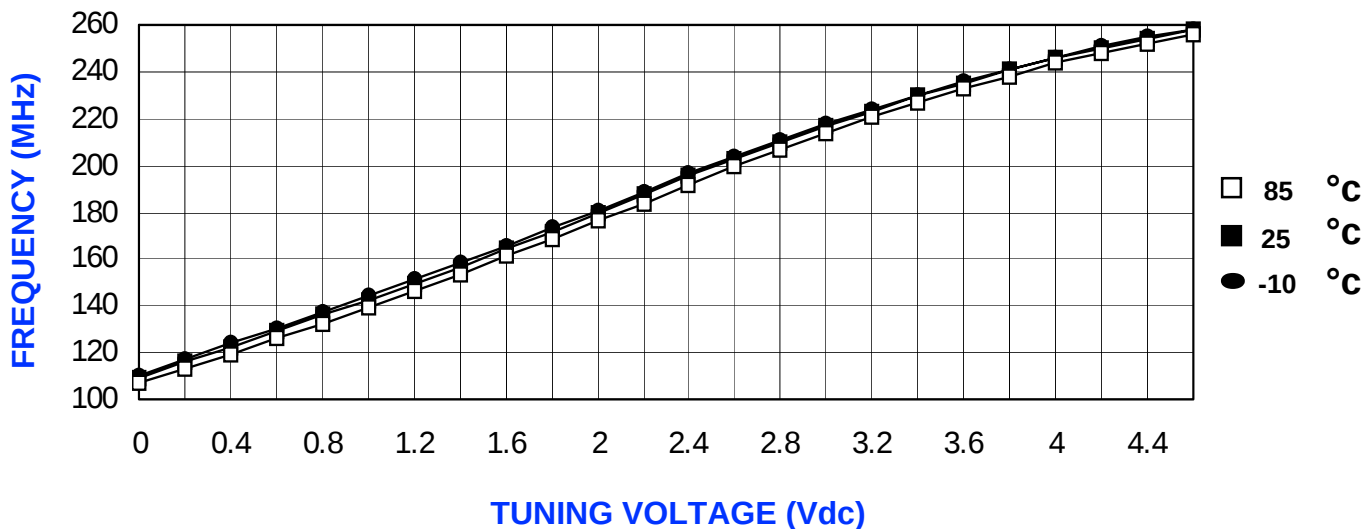
APPLICATION NOTES

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

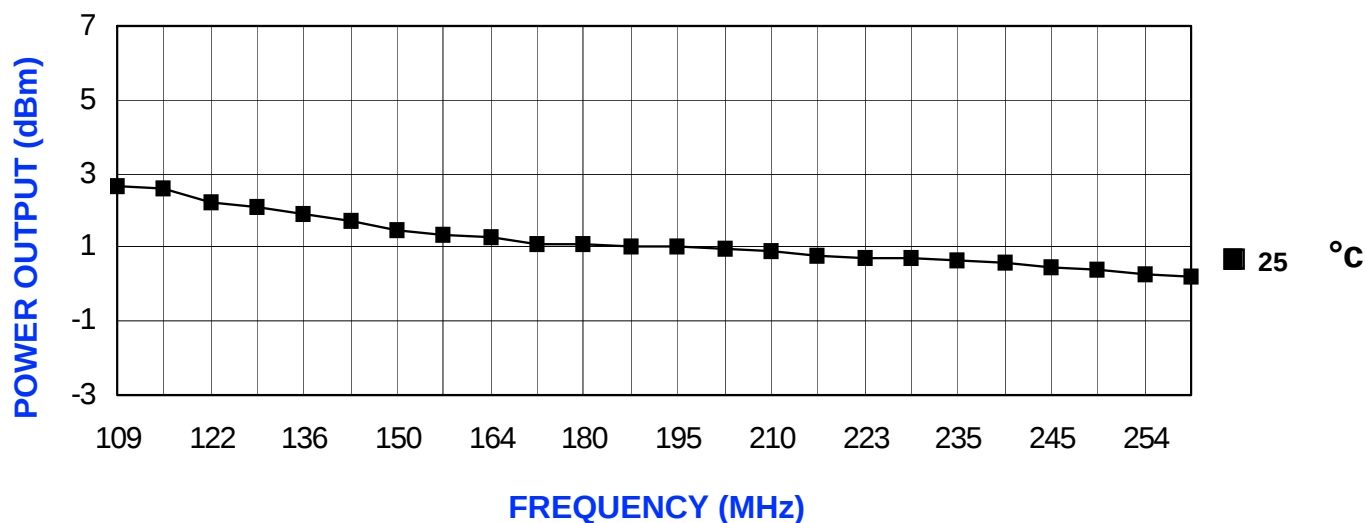
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

