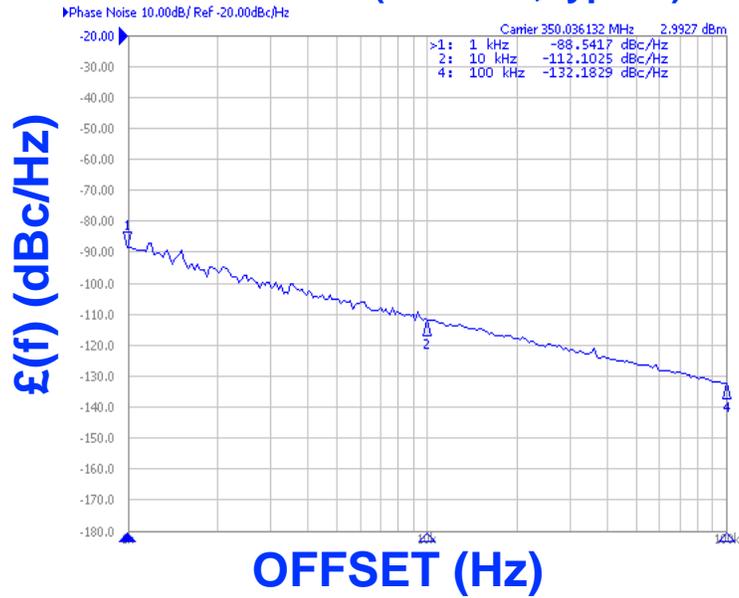




PHASE NOISE (1 Hz BW, typical)



FEATURES	
• Frequency Range:	345 - 355 MHz
• Tuning Voltage:	0.5-4.5 Vdc
• MINI-16 - Style Package	

APPLICATIONS	
• Satellite Modems	
• Mobile Radios	
• CATV	

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	345 - 355	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-110	dBc/Hz
Harmonic Suppression (2nd, typ.)	-13	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	11	MHz/V
Power Output	9±1	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	250	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<0.5	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16	

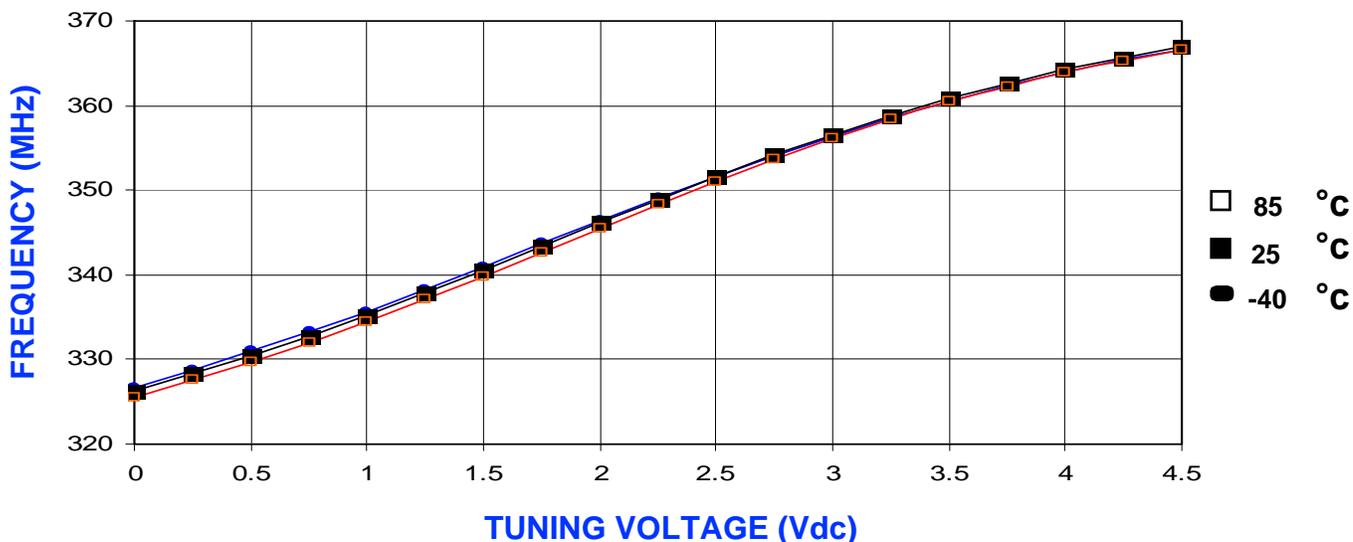
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	11	mA

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

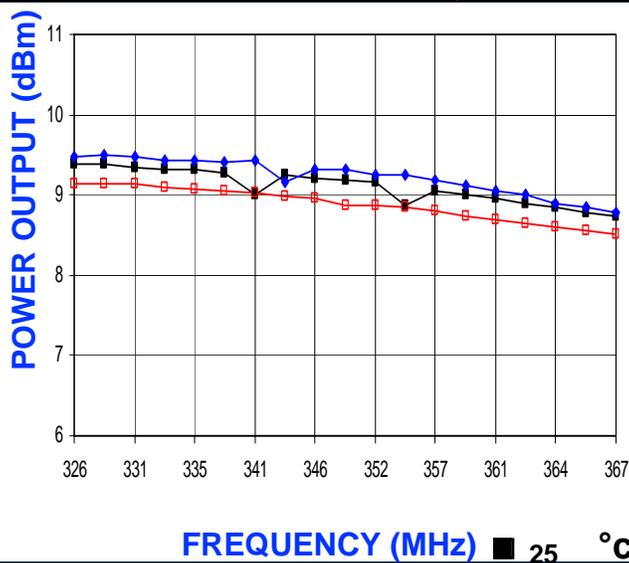
APPLICATION NOTES	
• AN-100/1 : Mounting and Grounding of VCOs	
• AN-102 : Proper Output Loading of VCOs	
• AN-107 : How to Solder Z-COMM VCOs	

NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



Footprint

PHYSICAL DIMENSIONS

