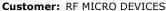


Rev: A

VCO Product Specification

Date: 8/10/2009



Operating Temperature Range: (-35 ° to 85 ° C)



Model:

RoHS Compliant

Parameter	Min	Тур	Max	Units	Х	Remarks
Frequency Range -	2400	2450	2500	MHz	Х	
Tuning Voltage:						
2400 MHz	0.4	0.7	ĺ	Vdc	Х	
2500 MHz		2.2	2.7	Vdc	Х	
Tuning Sensitivity -	45	55	65	MHz/V	Х	
Output Power -	-6	-3	0	dBm	Х	
Output Phase Noise:						
10 kHz		-93	-85	dBc/Hz		
100 kHz		-113	-105	dBc/Hz	Х	
Power Supply -	2.85	3	3.15	Volts		
Supply Current -		7	9	mA	Х	
Harmonic Suppression:						
2nd Harmonic		-15	-10	dBc	Х	
3rd Harmonic		-20	-15	dBc	Х	
Spurious (Non-Harmonic) -			-90	dBc		
Frequency Pushing - 2.85 to 3.15		3	5	MHz p-p		
Frequency Pulling - 12 dB RL		3	5	MHz p-p		
Tuning Port Capacitance -		22		pF		
Output Impedance -		50		Ω		

Package Information

Package Type: U (0.374 x 0.374 x 0.13 inches	Drawing Number:	60036
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Comments

 \boldsymbol{X} Indicates parameter to be tested 100% in production

RoHS status based on EU Directive 2002/95/EC (at time of this document revision).

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