

VMVO2200M4000M-5SM127

FEATURES

- ◆ Exceptional Phase Noise
- ◆ Small Size
- ◆ Surface Mount



TYPICAL APPLICATIONS

- ◆ ECM
- ◆ Radar
- ◆ Communications

SPECIFICATIONS

Parameter	Unit	Min.	Typ.	Max.	Test Conditions
Frequency	MHz	2200	-	4000	
Pout	dBm	-	0	-	
Tuning Sensitive	MHz/V	50	-	120	
Phase Noise	dBc/Hz	-	86	-	@10kHz
Idd	mA	-	-	30	
Output Impedance	Ω	-	50	-	
Tuning Capacitor	pF	-	51	-	
Vdd	V	-	5	-	
Tuning Voltage	V	0	-	24	
Operating Temperature	$^{\circ}\text{C}$	-45	-	+85	
Storage Temperature	$^{\circ}\text{C}$	-55	-	+85	
Size	mm	12.7*12.7*4			Tolerance: $\pm 0.2\text{mm}$

ABSOLUTE MAXIMUM RATINGS

Parameter	Max. Rating
Storage Temperature	-55 $^{\circ}\text{C}$ ~ +125 $^{\circ}\text{C}$
Voltage Supply	+5.5V
Tuning Voltage	+7V
ESD Level	EPA Class 1

