

VMVO1900M4100M-5SM127

FEATURES:

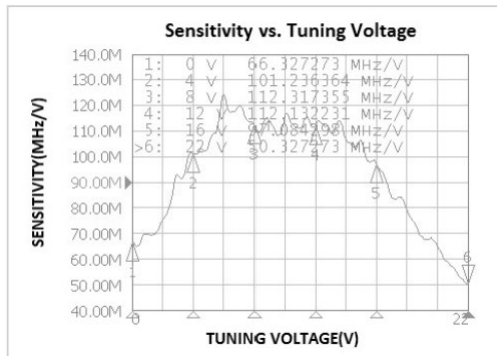
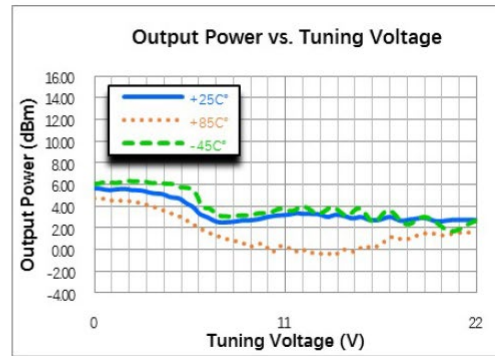
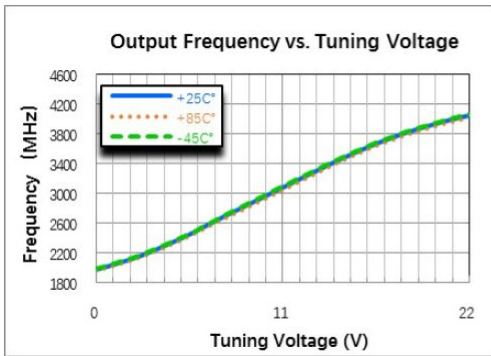
- Exceptional Phase Noise
- Small Size
- Surface Mount

TYPICAL APPLICATIONS:

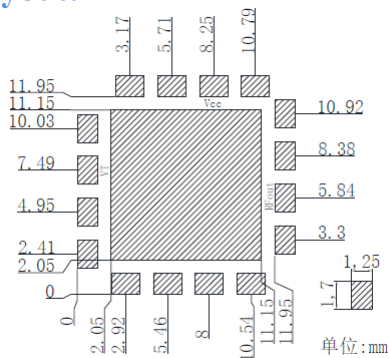
- Test & Measurement
- TR Module

SPECIFICATIONS:

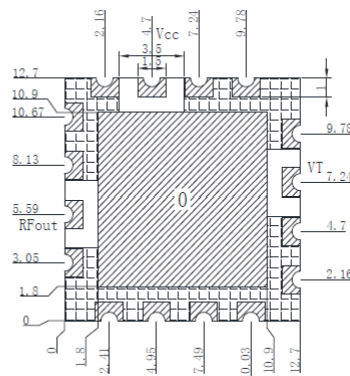
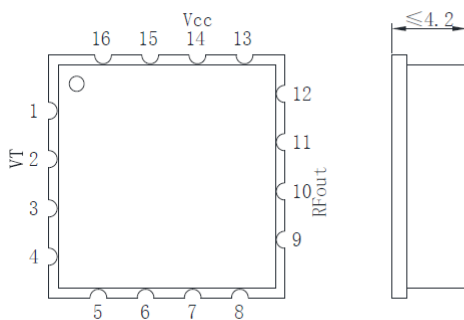
Parameter	Unit	Min	Typ.	Max	Test Conditions
Freq.	MHz	1900		4100	
Tuning Voltage	V	1		22	
Electronic Tuning Sensitivity	MHz/V		100		
Pout	dBm	-2	3		
Frequency Factor	MHz		1		
Load Pull	MHz		1		12dB RL
Cap	pF		18		
Input Impedance	MΩ		10		
Single Side Phase Noise	dBc/Hz		-58		@1kHz
			-84		@10kHz
			-108		@100kHz
Output Impedance	Ω		50		
Temperature Drift	MHz		50		-45°C ~ +85°C
Vdd	VCC	4.75	5	5.25	
Idd	mA		30	35	
Harmonic Suppression	dBc		-10		
Spurious Suppression	dBc		-80	-70	
Storage Temperature	°C	-55		85	



Layout:



Size:



0	GND		
1	GND	9	GND
2	VT	10	RFOut
3	GND	11	GND
4	GND	12	GND
5	GND	13	GND
6	GND	14	Vcc
7	GND	15	GND
8	GND	16	GND

单位: mm  焊盘
公差: $\pm 0.2\text{mm}$  阻焊