



SPECIFICATIONS

1 General

Part Number	Description
ROS-2160W+	VCO 1200MHz-2250MHz, SMD12.7x12.7x4.6mm

2 Maximum Ratings

Item	Value	Units
Supply Voltage	12	V
Tuning Voltage Range	22	V
Operating Temperature Range	-55~ +85	°C
Storage Temperature Range	-55~ +100	°C

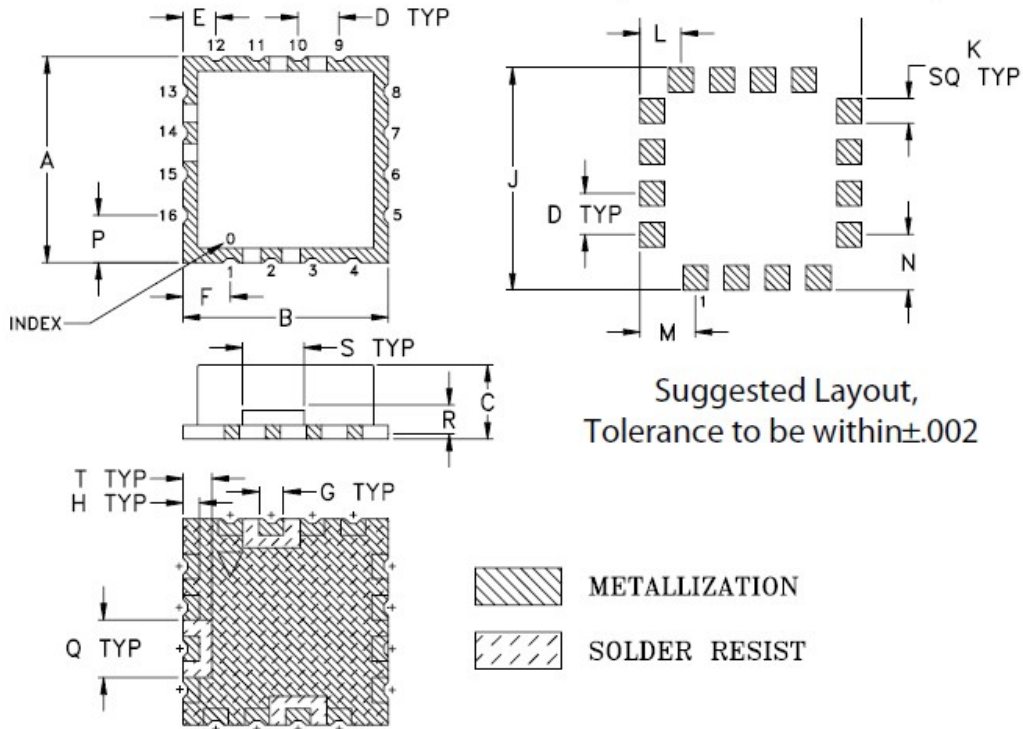
3 Electrical Specification

Item	Minimum	Typical	Maximum	Unit
Output Frequency	1200		2250	MHz
Output Power		4		dBm
Tuning Voltage Range	0.5		20	V
Tuning Sensitivity		30-80		MHz/V
Harmonic Suppression		-11		dBc
Phase Noise		-95@10		dBc/Hz
		-115@100		
Power Supply		10		V
Consumption		30		mA

4 Package Dimension (Unit: mm)



PCB Land Pattern



Suggested Layout,
Tolerance to be within ± 0.002

管脚序号	管脚定义
2	电调 (VT)
10	输出 (RF)
14	电源 (VCC)
1,3,4,5,6,7,8,9,11,12,13,15,16	地 (GND)

Unit: mm

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
12.7	12.7	4.6	2.54	2.03	2.92	1.52	1.02	13.72	1.52	2.54	3.43	3.43	2.92	3.56	1.78	3.81	1.78

5 Welding requirements (Reflow Profile)

