



SF2607L

MAXIMUM RATING:

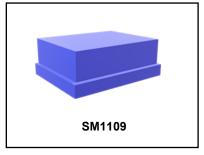
Input Power Level: 10 dBm

• DC Voltage: 3V

 Operating Temperature: -30°C to +85°C Storage Temperature: -40°C to +85°C

Moisture Sensitivity Level: Level 3 (MSL3)

1950 MHz **SAW Filter**



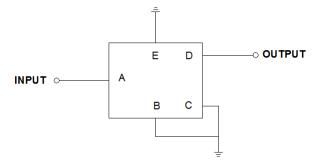
ELECTRICAL CHARACTERISTICS:

Terminating source impedance: Zs = 50Ω (Single-ended) Terminating load impedance: $ZL = 50 \Omega$ (Single-ended)

Max.
-
2.5
2.0
2.4
-
-
-
-
-
-

Notes: No Matching Network.

MEASUREMENT CIRCUIT:



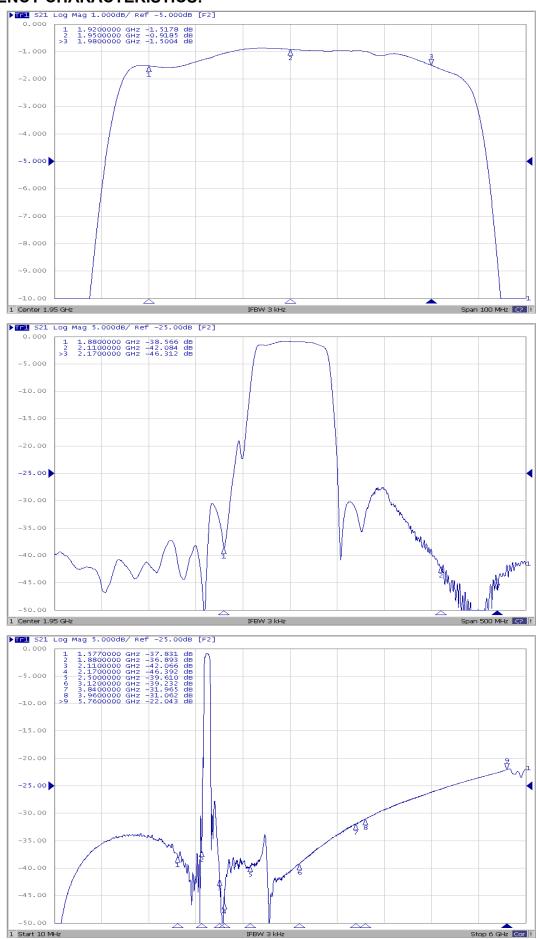
Source & Load Impedance: 50 Ω

CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.



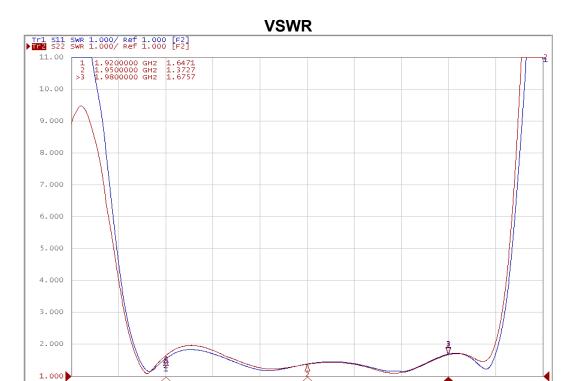
- The design, manufacturing process, and specifications of this device are subject to change.
- 2. US or International patents may apply.
- 3. RoHS compliant from the first date of manufacture.

FREQUENCY CHARACTERISTICS:

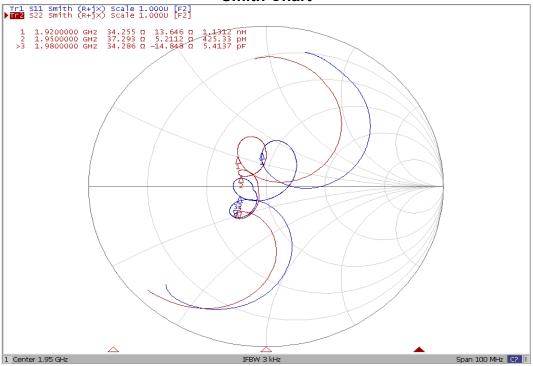


Reflection Functions:

1 Center 1.95 GHz

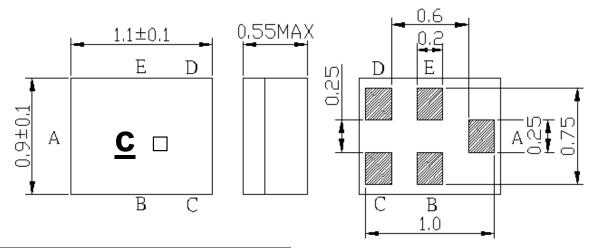


Smith Chart



Span 100 MHz C?

OUTLINE DRAWING:



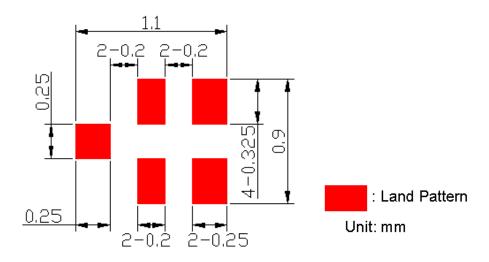
Pin Description								
B, C, E	Ground							
Α	Input							
D	Output							

Marking Descriptions							
	Date Code(Year+Month)						

□ : Year/Month Code (Follow the table)

YEAR/Month	1	2	3	4	5	6	7	8	9	10	11	12
2013	Α	В	С	D	Е	F	G	Н	J	K	L	M
2014	N	Р	Q	R	S	Т	J	٧	W	X	Υ	Z
2015	а	b	С	d	е	f	g	h	j	k	I	m
2016	n	р	q	r	S	t	u	٧	W	Х	У	Z
2017	<u>A</u>	<u>B</u>	<u>C</u>	D	<u>E</u>	<u>F</u>	G	H	<u>J</u>	<u>K</u>	L	<u>M</u>
2018	<u>N</u>	<u>P</u>	Q	<u>R</u>	<u>s</u>	<u>T</u>	U	<u>V</u>	W	<u>X</u>	<u>Y</u>	<u>Z</u>
2019	<u>a</u>	<u>b</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	g	<u>h</u>	i	<u>k</u>	<u> </u>	<u>m</u>
2020	<u>n</u>	<u>p</u>	<u>q</u>	<u>r</u>	<u>s</u>	<u>t</u>	<u>u</u>	<u>v</u>	<u>w</u>	<u>x</u>	У	<u>z</u>

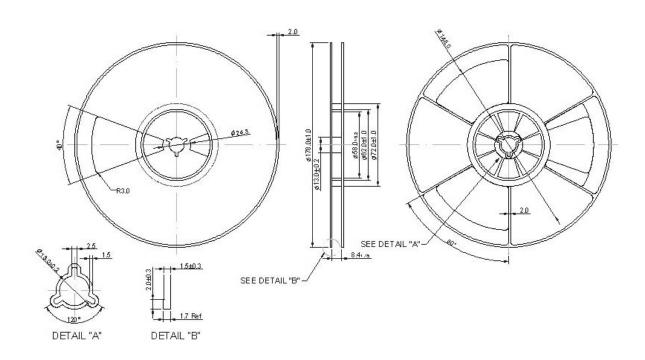
PCB Footprint:



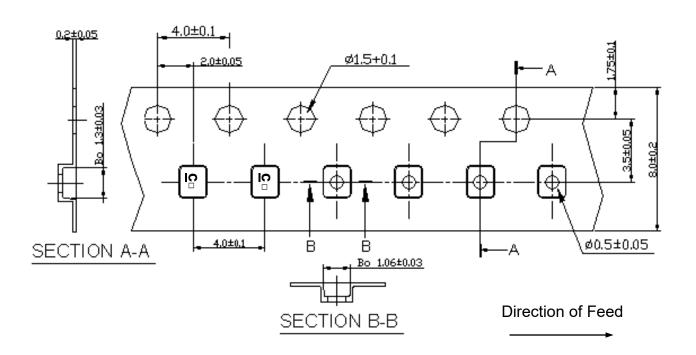
PACKING:

REEL DIMENSION

Reel Count: 7" = 3000 13" = 10,000



TAPE DIMENSION



RECOMMENDED REFLOW PROFILE:

- 1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
- 2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
- 3. Heating shall be fixed at 220°C for 50~80 seconds and at 260°C+0/-5°C peak (20~40sec).
- 4. Time: 2 times.

