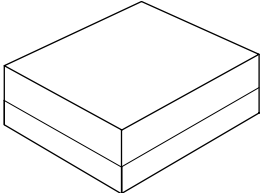


<b>SF2606K</b>
<b>634.5 MHz SAW Filter</b>
 <b>SM1411-5 (Molded)</b>

**MAXIMUM RATING:**

- Input Power Level: 10 dBm
- DC Voltage : 0 V
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +85°C
- Moisture Sensitive Level (MSL): Level 3

**ELECTRICAL CHARACTERISTICS:**

Terminating source impedance :  $Z_s = 50 \Omega$   
 Terminating load impedance :  $Z_L = 50 \Omega$

Item	Unit	Min	Typ.	Max	
<b>Center frequency</b>	MHz		634.5		
<b>Insertion Loss (617 ~ 652 MHz)</b>	dB		2.6	3.5	25±2°C
<b>Amplitude Ripple(617 ~ 652 MHz)</b>	dB		1.5	2.5	25±2°C
<b>Attenuation (Reference level from 0 dB)</b>					
DC ~ 550 MHz	dB	28	30		
550 ~ 600 MHz	dB	34	36		
670 ~ 700 MHz	dB	20	25		
700 ~ 3000 MHz	dB	30	34		
<b>Temperature coefficient of Frequency</b>	ppm/K	-36			

\* Specification including temperature tolerant.

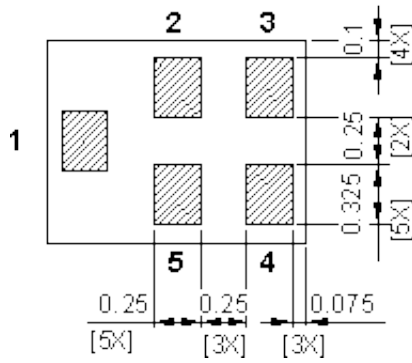
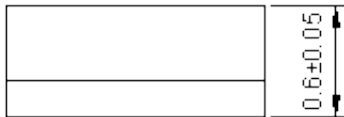
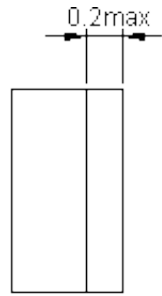
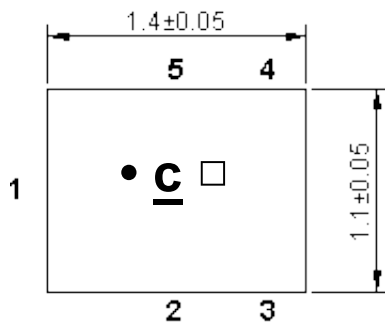


**CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.**

**NOTES:**

1. 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.

# OUTLINE DRAWING



All tolerances are +/-0.05 mm unless otherwise specified

Coplanarity : 0.1 mm max.

1 to 5 : Pin No.

Unit : mm

Pin No.	Symbol	Function
1	IN	Input
2	GND	Ground
3	GND	Ground
4	OUT	Output
5	GND	Ground

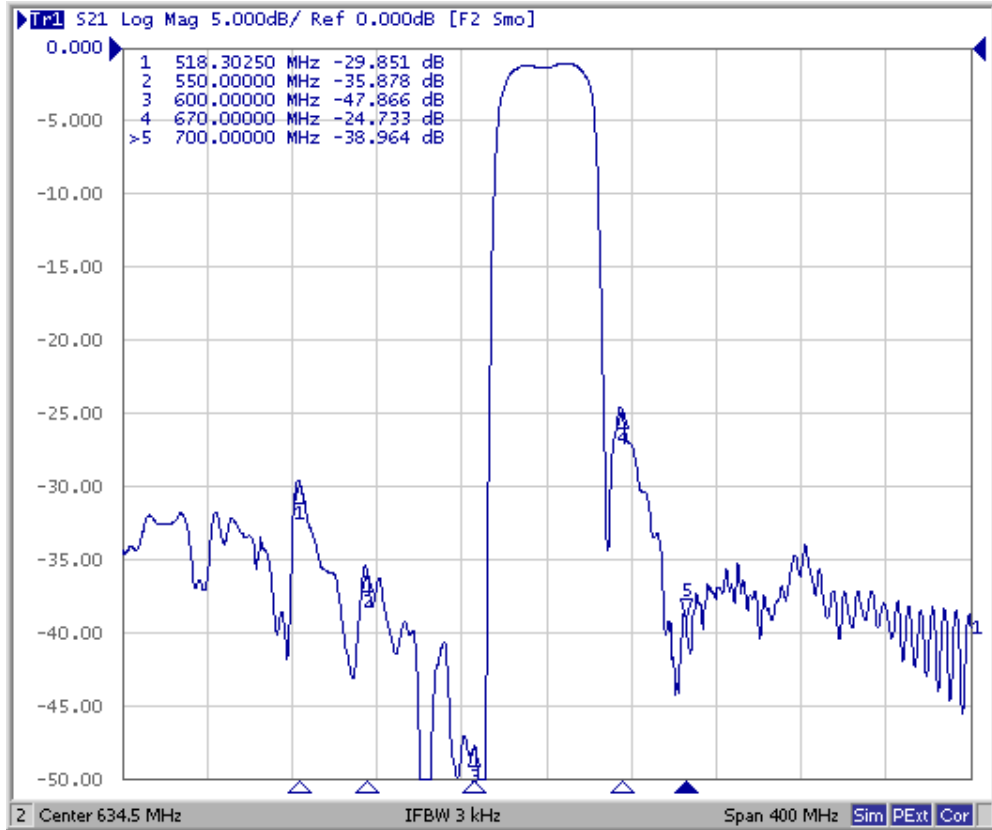
## □ : Year/Month Code (Follow the table)

YEAR/Month	1	2	3	4	5	6	7	8	9	10	11	12
2013	A	B	C	D	E	F	G	H	J	K	L	M
2014	N	P	Q	R	S	T	U	V	W	X	Y	Z
2015	a	b	c	d	e	F	g	h	j	k	l	m
2016	n	p	q	r	s	T	u	v	w	x	y	z
2017	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>J</u>	<u>K</u>	<u>L</u>	<u>M</u>
2018	<u>N</u>	<u>P</u>	<u>Q</u>	<u>R</u>	<u>S</u>	<u>I</u>	<u>U</u>	<u>V</u>	<u>W</u>	<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>	<u>g</u>	<u>h</u>	<u>j</u>	<u>k</u>	<u>l</u>	<u>m</u>
2020	<u>n</u>	<u>p</u>	<u>q</u>	<u>r</u>	<u>s</u>	<u>I</u>	<u>u</u>	<u>v</u>	<u>w</u>	<u>x</u>	<u>y</u>	<u>z</u>

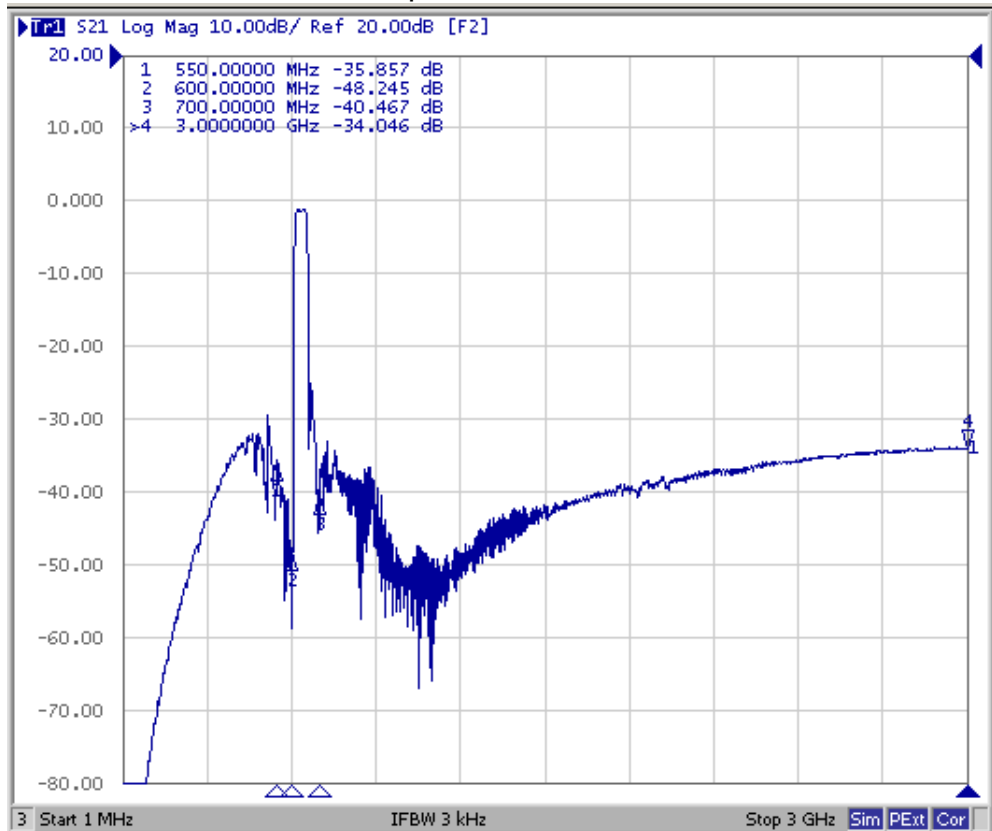


# FREQUENCY CHARACTERISTICS

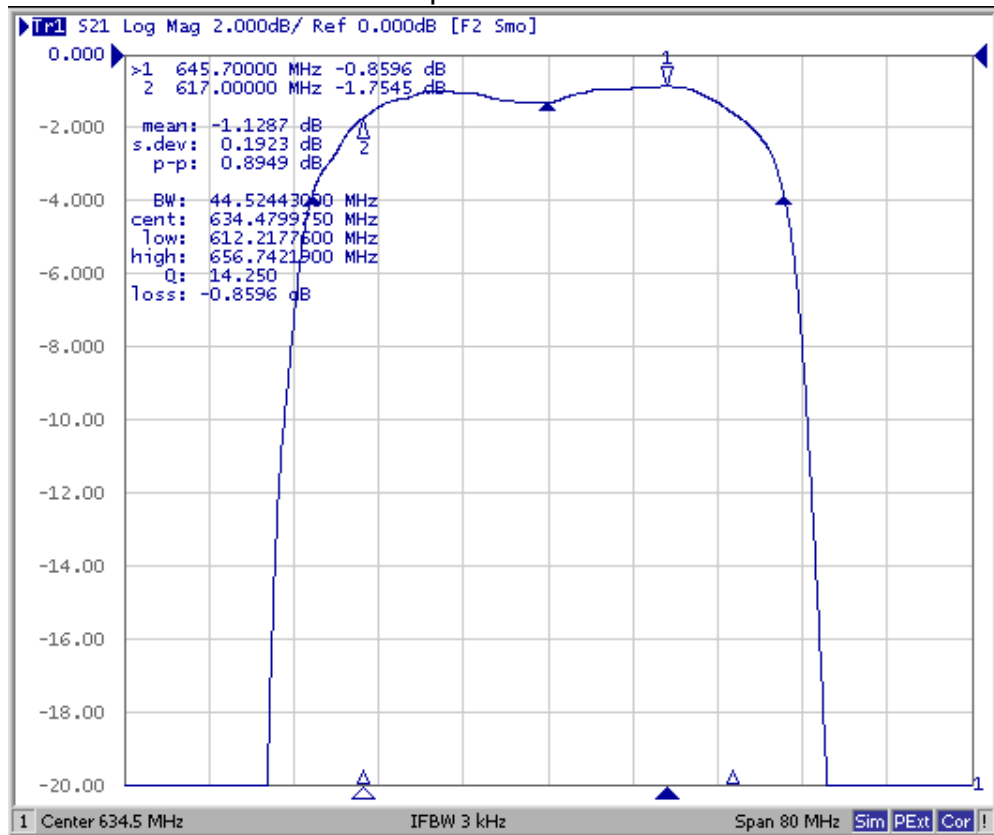
## Span 400 MHz



## Span 3000 MHz

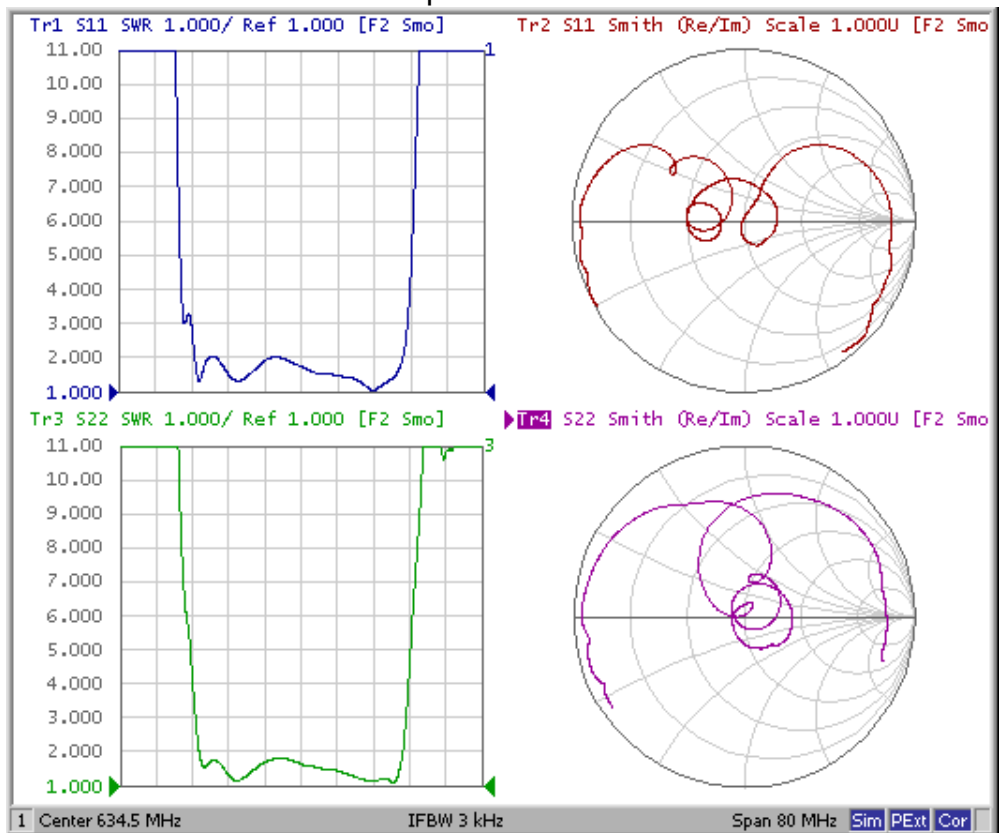


### Span 80 MHz



### Reflection Characteristic:

### Span 80 MHz

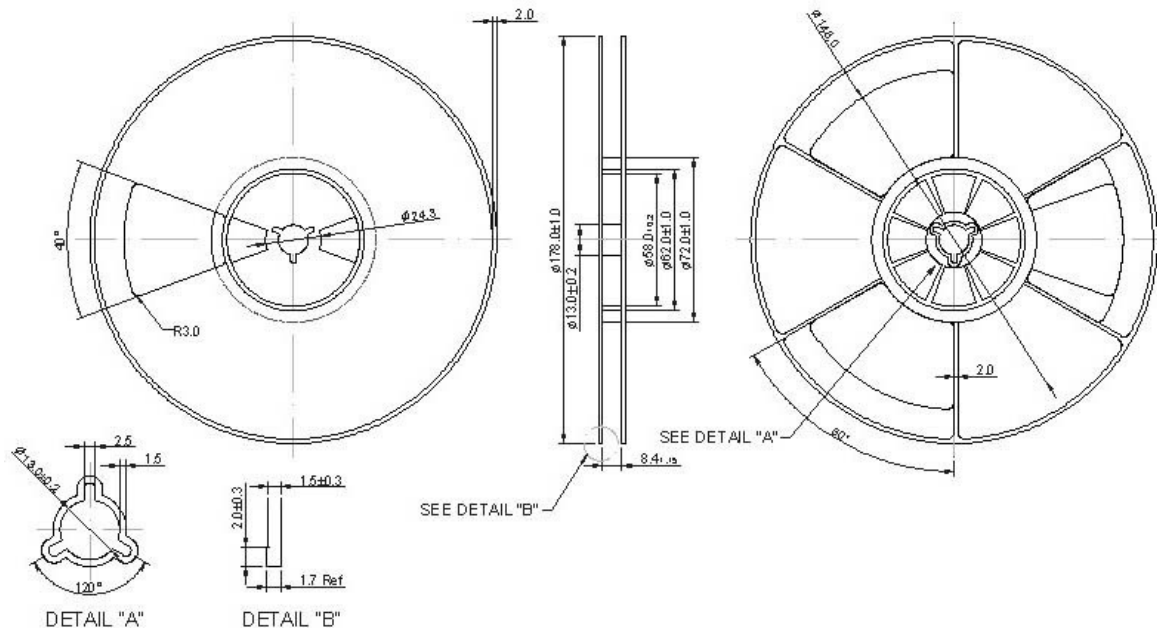


# Packing

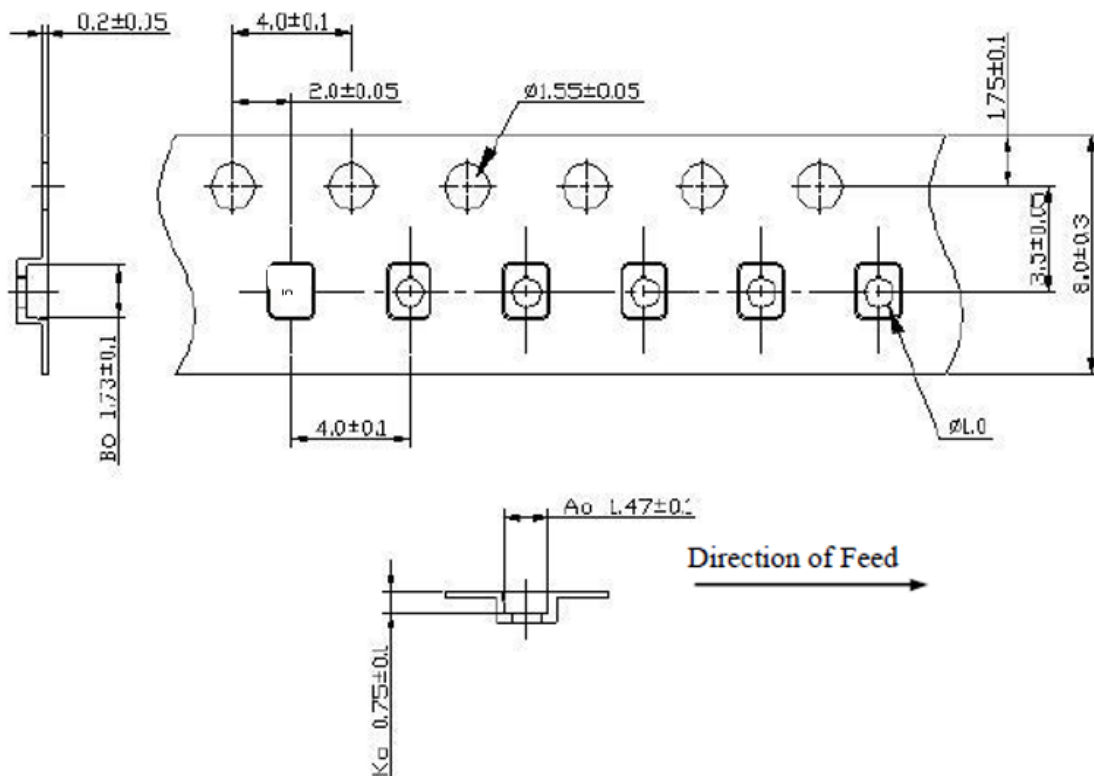
Reel Dimension

Reel Count:  
7" = 3000

Tape and Reel Standard per ANSI/EIA-481



Tape Dimensions:



## 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 2 °C for 50~80 seconds and at 260°C +0/-5°C peak (20~40sec).
4. Time: 2 times.

