



SPEC NO.: RFS-605M

Specification

TO:STE1002

Model Name: SAW FILTER

PART NO: SSF908.42N01S3030

CUSTOMER PART NO.:

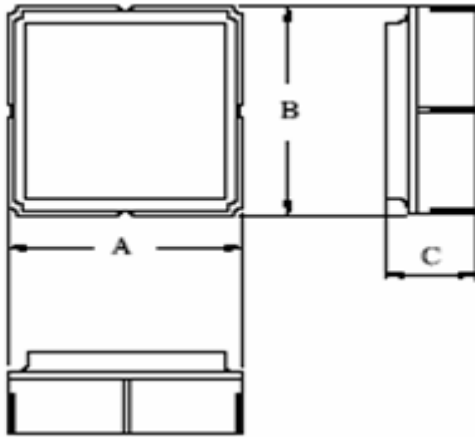
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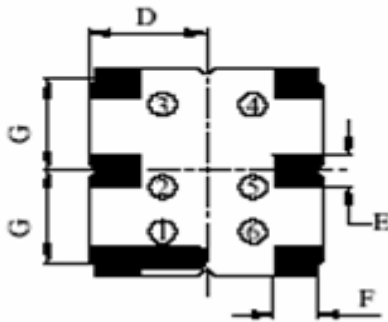
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www.sawfilter.cn

1. Package Dimension
(S3030)



DIM	MILLIMETERS
A	3.0±0.1
B	3.0±0.1
C	1.15±0.12
D	1.50 TYP.
E	0.60 TYP.
F	0.85 TYP.
G	1.20 TYP.



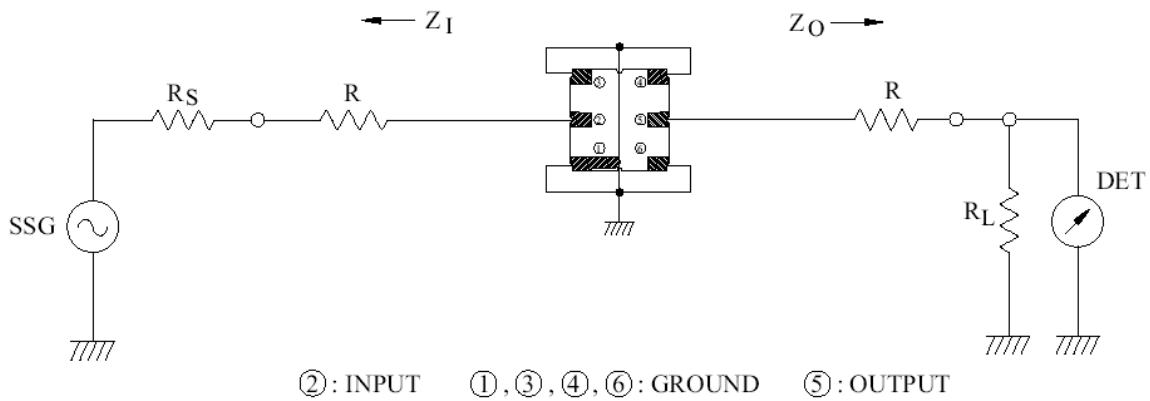
PIN NO	FUNCTION
① ② ④ ③	GROUND
⑥	SIGNAL
⑤	SIGNAL

2. Performance

Items	Rating	Unit
Input Signal Level	10	<u>dBm</u>
DC Permissive Voltage	5	<u>V_{dc}</u>
Storage Temperature Range	-40 ~ +85	°C

Items	Test Condition	Min.	Typ.	Max.	Unit
Center Frequency	-	-	908.42	-	MHz
Insertion Loss	898.92 ~ 917.92 MHz	-	1.4	3.5	dB
Amplitude Ripple (p-p)	898.92 ~ 917.92 MHz	-	0.6	2.0	dB
Attenuation	DC ~ 827.92 MHz	35	40	-	dB
	853.92 ~ 882.00 MHz	30	36	-	dB
	935.00 ~ 962.92 MHz	30	37	-	dB
	988.92 ~ 1200 MHz	35	40	-	dB
	1200 ~ 2000 MHz	25	35	-	dB
VSWR	898.92 ~ 917.92 MHz	-	1.5	2.5	-
Input/ Output Impedance	-	-	50	-	Ω

3. Test Circuit

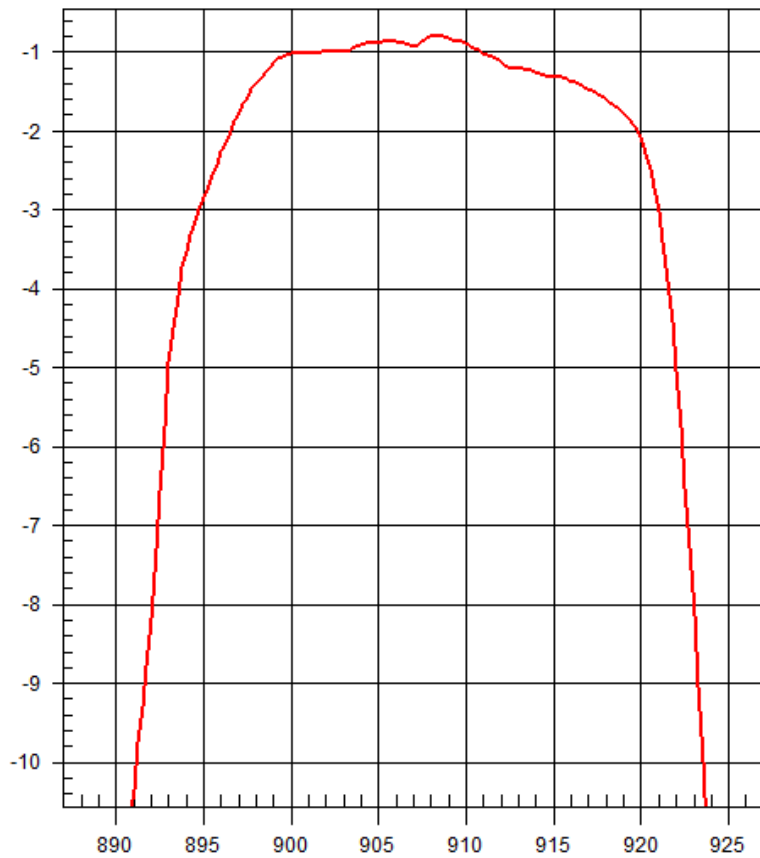
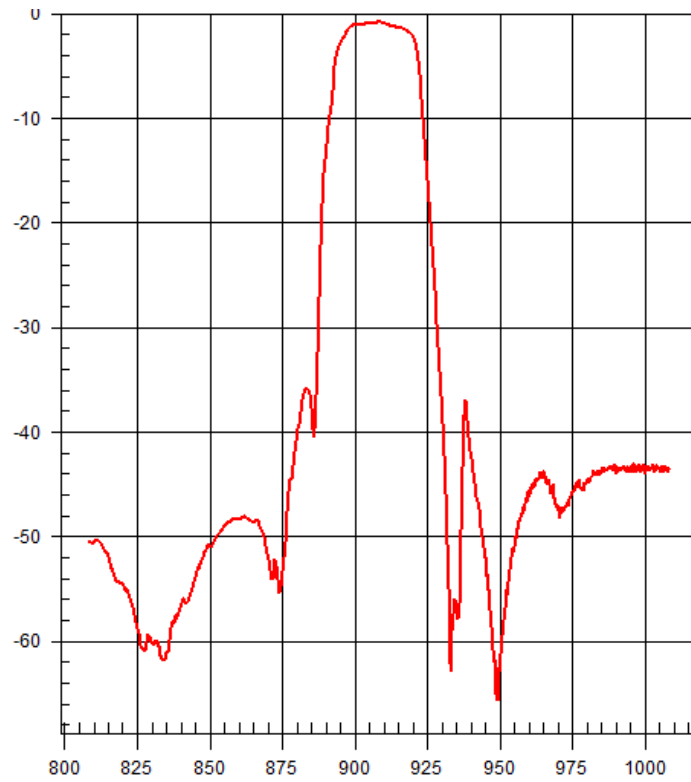


$R_S, R_L : 50 \Omega$ (Internal Impedance of Source and Load)

$R : 0 \Omega$

$Z_I(Z_O) = R_S(R_L) + R$

4. Frequency Characteristics



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