



SPEC NO.: RFS-606M

Specification

TO:STE1002

Model Name: SAW FILTER

PART NO: SSF868.42N01S3030

CUSTOMER PART NO.:

STRONG ELECTRONICS&TECHNOLOGY LIMITED

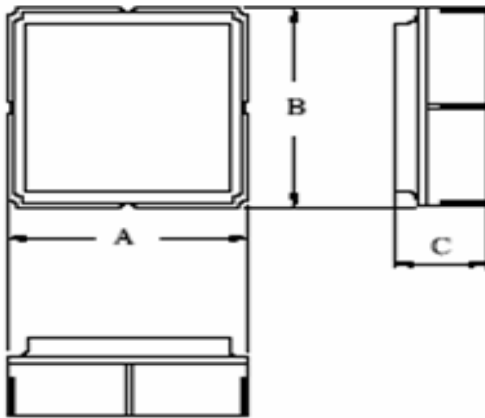
Tel:86-755-84528985 Fax: 86-755-84528986

Email:info@strongelectronics.net

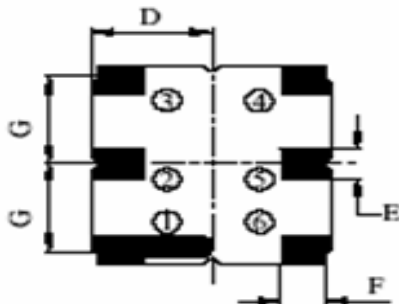
www.sawfilter.cn

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.



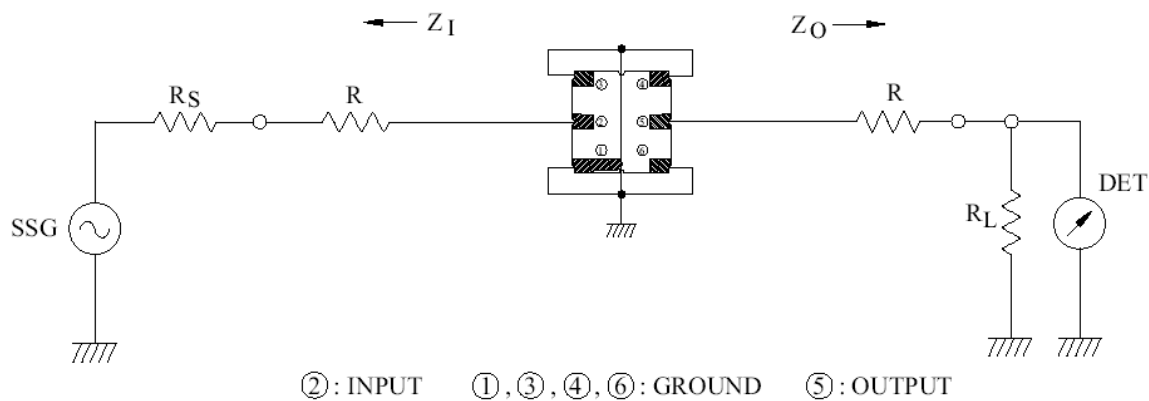
PIN NO	FUNCTION
① ③	GROUND
②	SIGNAL
④	SIGNAL

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	-	-	868.42	-	MHz
Insertion Loss	858.92 ~ 877.92 MHz	-	1.4	4.0	dB
Amplitude Ripple (p-p)	858.92 ~ 877.92 MHz	-	0.5	2.0	dB
Attenuation	DC ~ 787.92 MHz	35	40	-	dB
	813.92 ~ 842.00 MHz	30	35	-	dB
	895.00 ~ 922.92 MHz	30	37	-	dB
	922.92 ~ 1200 MHz	35	40	-	dB
	1200 ~ 2000 MHz	25	35	-	dB
VSWR	858.92 ~ 877.92 MHz	-	1.5	2.5	-
Input/ Output Impedance	-	-	50	-	Ω

3. Test Circuit

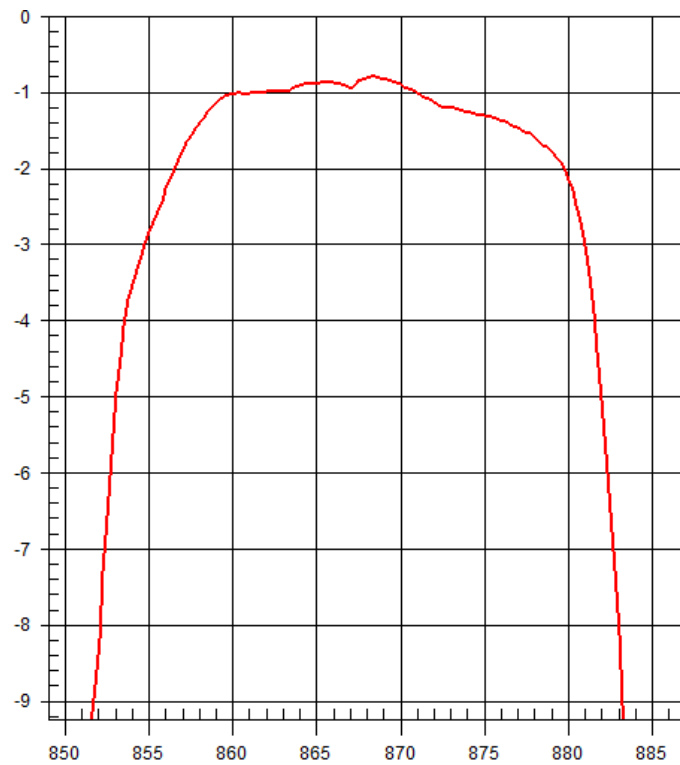
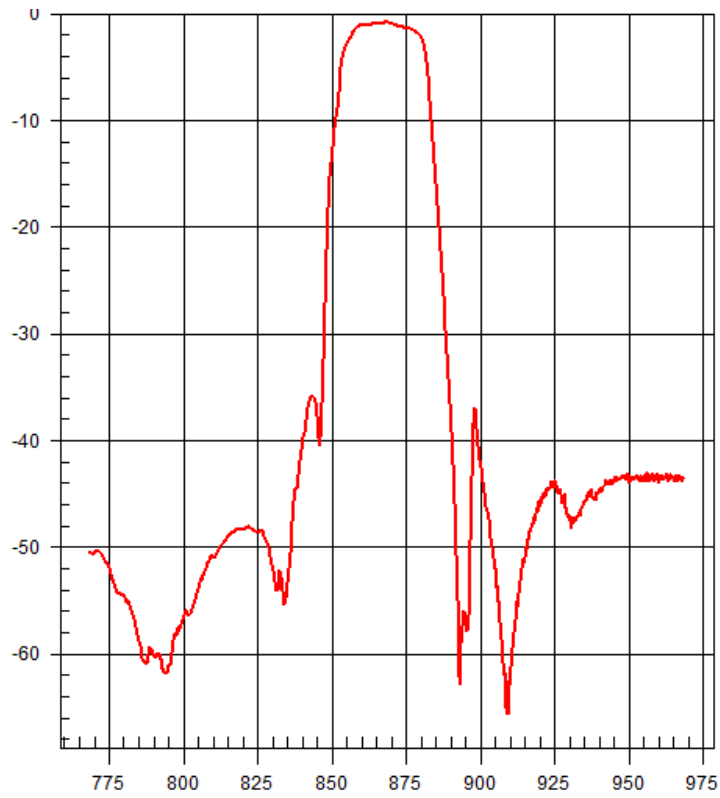


$R_S, R_L : 50 \Omega$ (Internal Impedance of Source and Load)

$R : 0 \Omega$

$Z_1(Z_O) = R_S(R_L) + R$

4. Frequency Characteristics



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