



SPEC NO.: RFS-025M

Specification

TO:STE

Model Name: RF SAW FILTER

PART NO: SSF868.30N01S5050

CUSTOMER PART NO.:

STRONG ELECTRONICS&TECHNOLOGY LIMITED

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

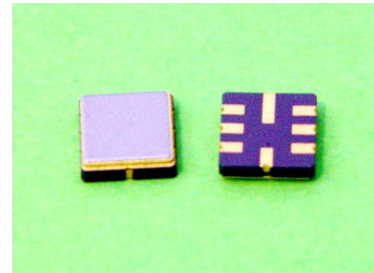
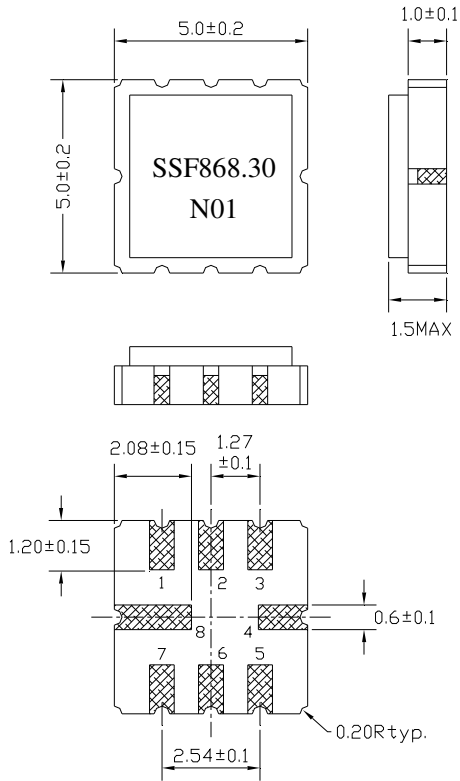
Email:info@strongelectronics.net

www.strongelectronics.net

1. Package Dimension

(S5050)

Unit: mm

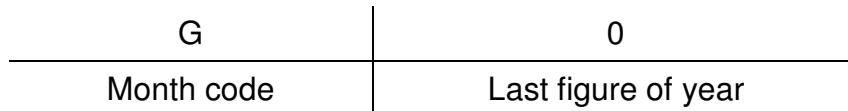


Pin No.	Function
Pin 1	Input/Output
Pin 5	Output/Input
Others	Ground

2. Marking

SSF868
N01
• G0

- (1) Ink Marking or Laser Marking
- (2) SSF: Manufacture's logo STRONG
- (3) N01: Model code
- (4) • : Pin 1 Identifier
- (5) G0: Date code



Month	1	2	3	4	5	6	7	8	9	10	11	12
Month code	A	B	C	D	E	F	G	H	I	J	K	L

e.g.: "G0" means July of 2010

3. Performance

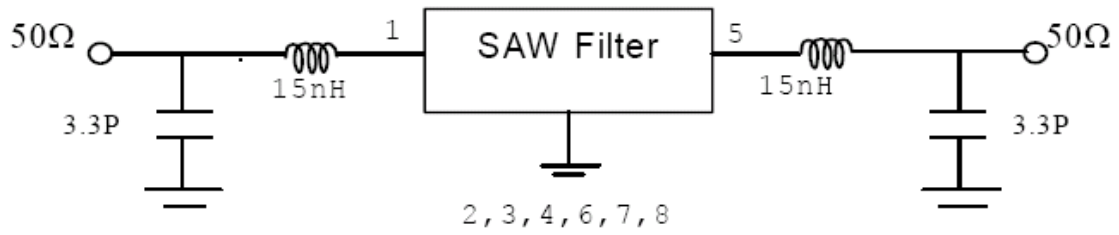
3.1 Maximum Rating

Item	Value
Operation Temperature Range	-45°C to +90°C
Storage Temperature Range	-45°C to +90°C
DC Permissive Voltage	12V DC max.
Maximum Input Power	10 dBm

3.2 Electronic Characteristics

Item	Min.	Typ.	Max.
Center Frequency (Fc)	-	868.30MHz	-
Insertion Loss IL	-	3.0dB	4.5dB
Pass bandwidth BW ₃ KHz		1200	
Rejection:			
At Fc-21.4MHz (image)	30	42	-
At Fc-10.7MHz (LO)	20	35	-
Ultimate:	-	60	-
Frequency aging absolute Value during the first year (fA)	10 PPM/Yr		
Turnover temperature To	25°C		55°C
Turnover frequency Fo		F	
Frequency temperature coefficient FTC		0.032ppm/°C	

3.3 Test Circuit



3.3 Frequency Characteristics

