



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Product Specifications Approval Sheet

Product Name: SAW Filter 925 MHz (BW 5.8MHz) SMD 3X3 mm

TST Parts No.: TA1720A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Michael Yang 

Approval by: _____ Bob Chau 

Date: _____ 2014/7/17

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes



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SAW Filter 925.2MHz

MODEL NO.:TA1720A

REV. NO.:1.0

A. MAXIMUM RATING:

1. Input Power Level: 13 dBm
2. DC Voltage : 0V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

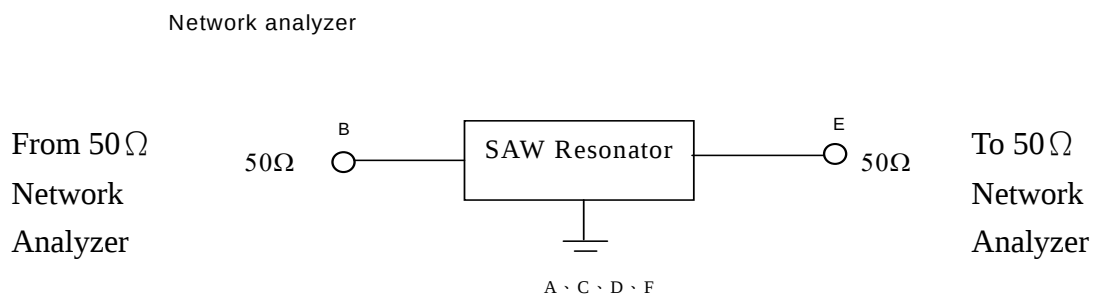
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance (single) : $Z_s = 50 \Omega$

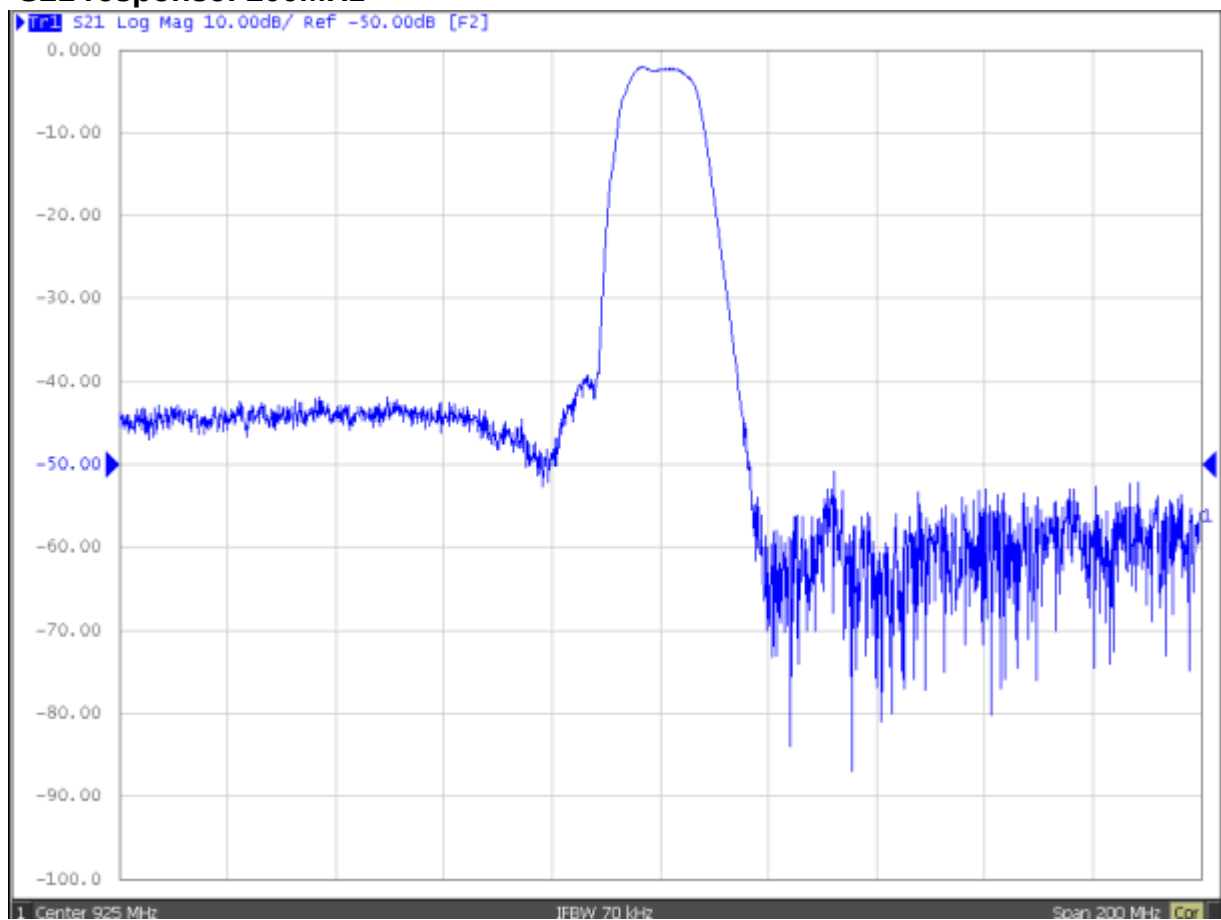
Terminating load impedance(single) : $Z_L = 50 \Omega$

Item	Unit	Min	Type.	Max
Center Frequency Fc	MHz	-	925.2	-
Insertion Loss (922.3~928.1 MHz) IL	dB		2.5	3.0max
Amplitude ripple(922.3~928.1 MHz)	dB		0.6	1.5max
VSWR				
Input(922.3~928.1 MHz)			1.4	2.0
Ouput(922.3~928.1 MHz)			1.4	2.0
Attenuation				
10 ~ 815 MHz	dB	42	45	
815 ~ 875 MHz	dB	40	45	
875 ~ 905 MHz	dB	40	30	
905 ~ 915 MHz	dB	11	15	
945 ~ 950 MHz	dB	35	40	
950 ~ 1150 MHz	dB	50	55	
1150 ~ 1856 MHz	dB	32	35	
1856 ~ 2500 MHz	dB	32	35	
Package size	mm	SMD 3x3		

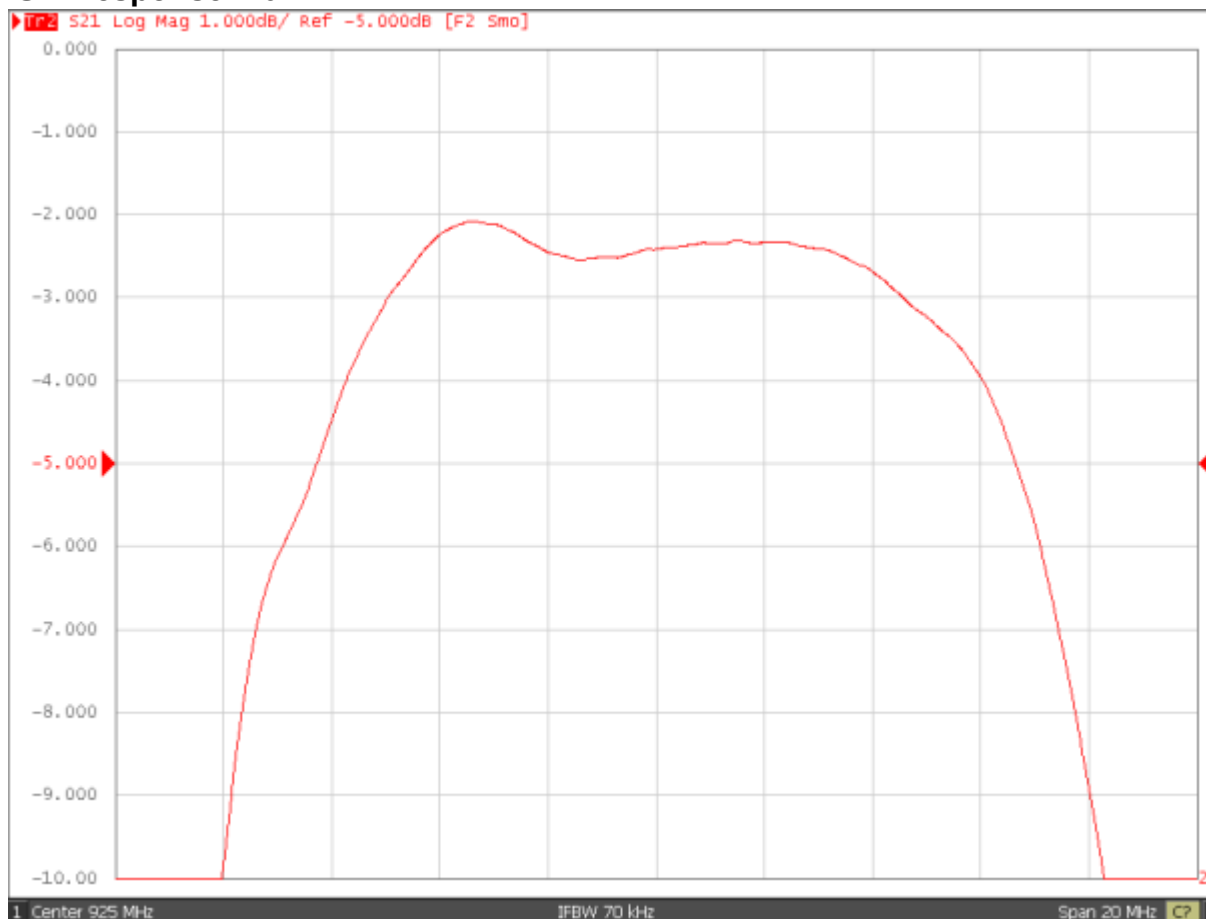
C.. TEST CIRCUIT:



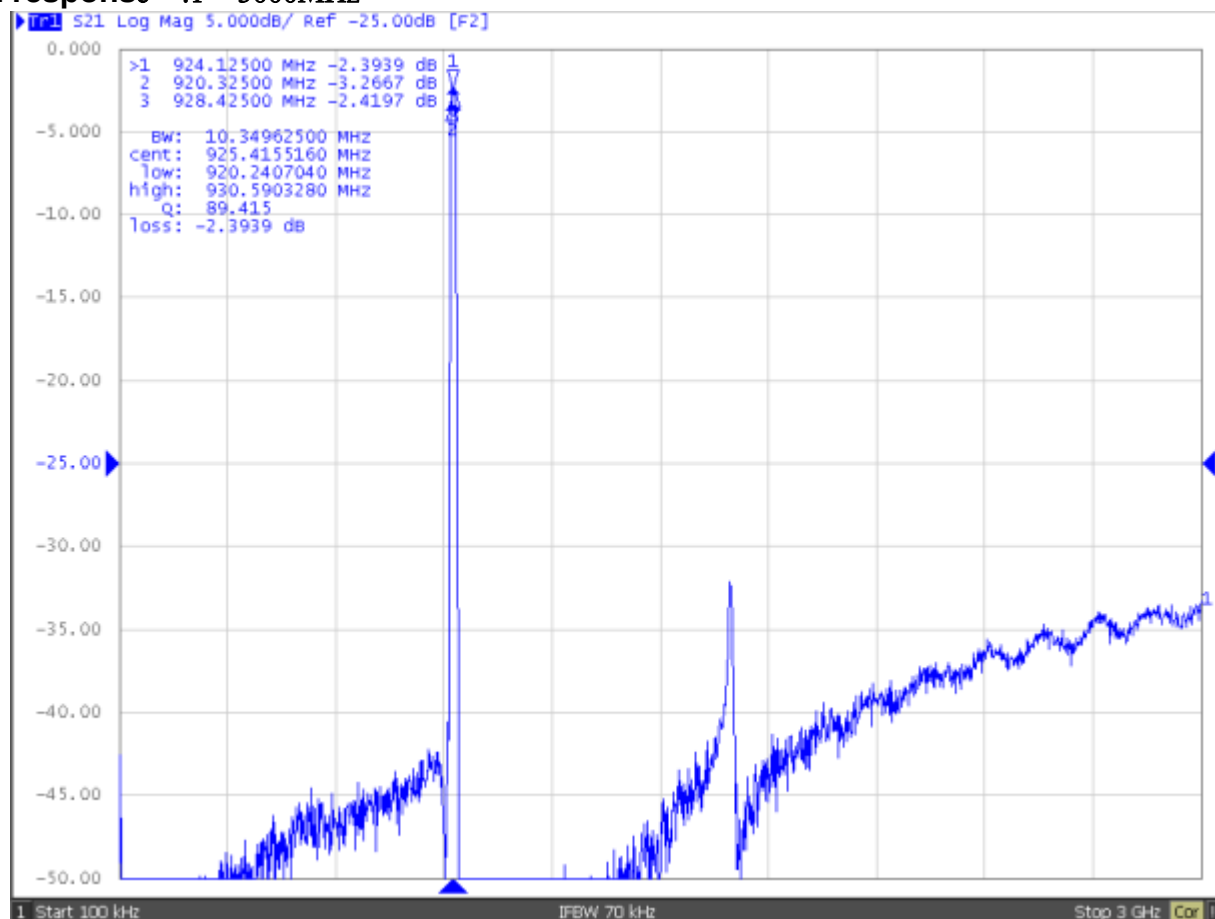
D. Frequency Characteristics : S21 response: 200MHz



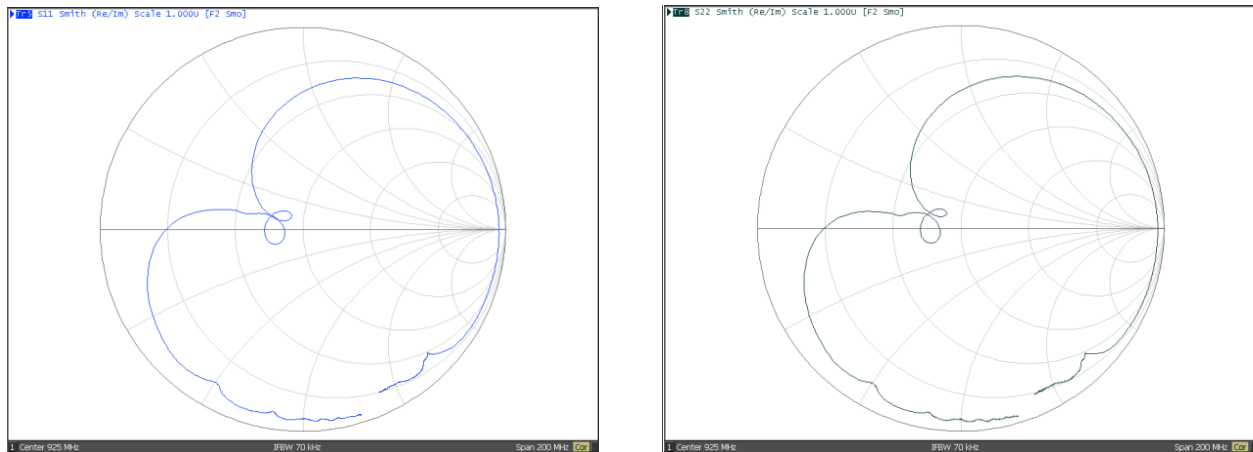
S21 response: 20MHz



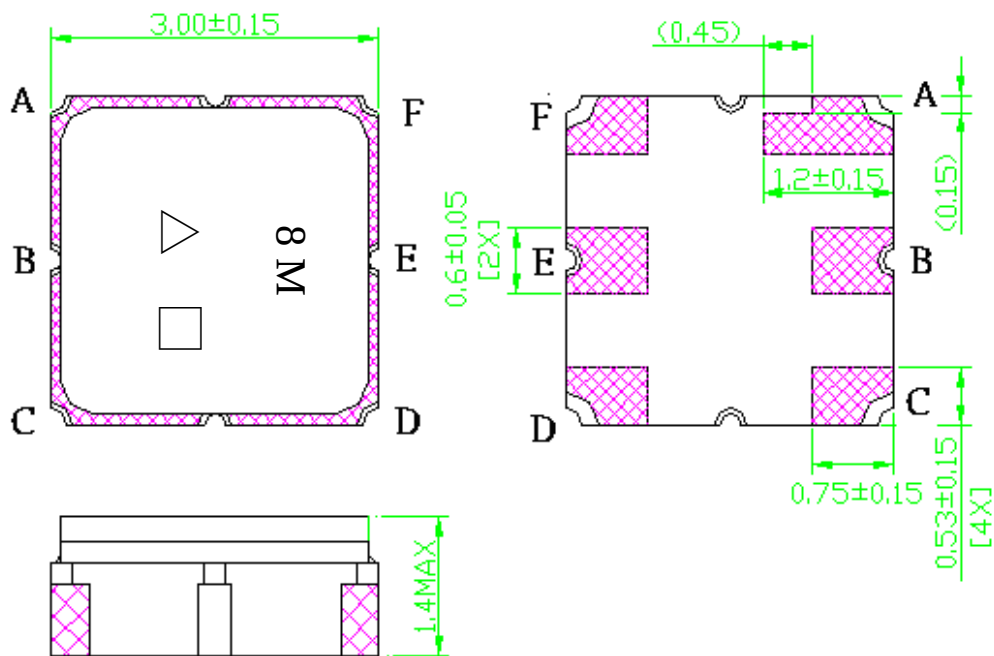
S21 response : .1 ~ 3000MHz



S11/S22 response



E.OUTLINE DRAWING:



#B: Input
#E: Output
A.C.D.F Ground
△:Year code (ex 2008→8)
□: Date code
Unit: mm

□ Data code : See the table

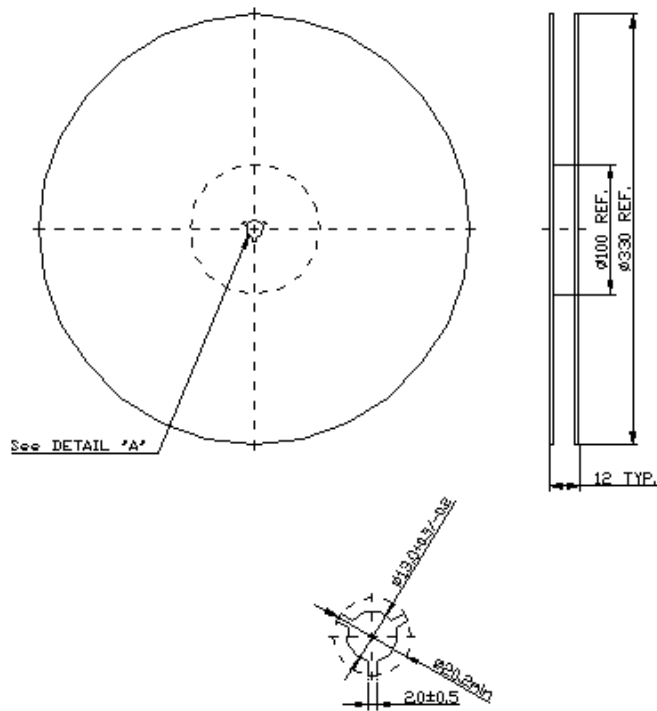
WK	01	02	...	26	27	28	...	52
Code	A	B	...	Z	a	b	...	z

△ Year code : See the table

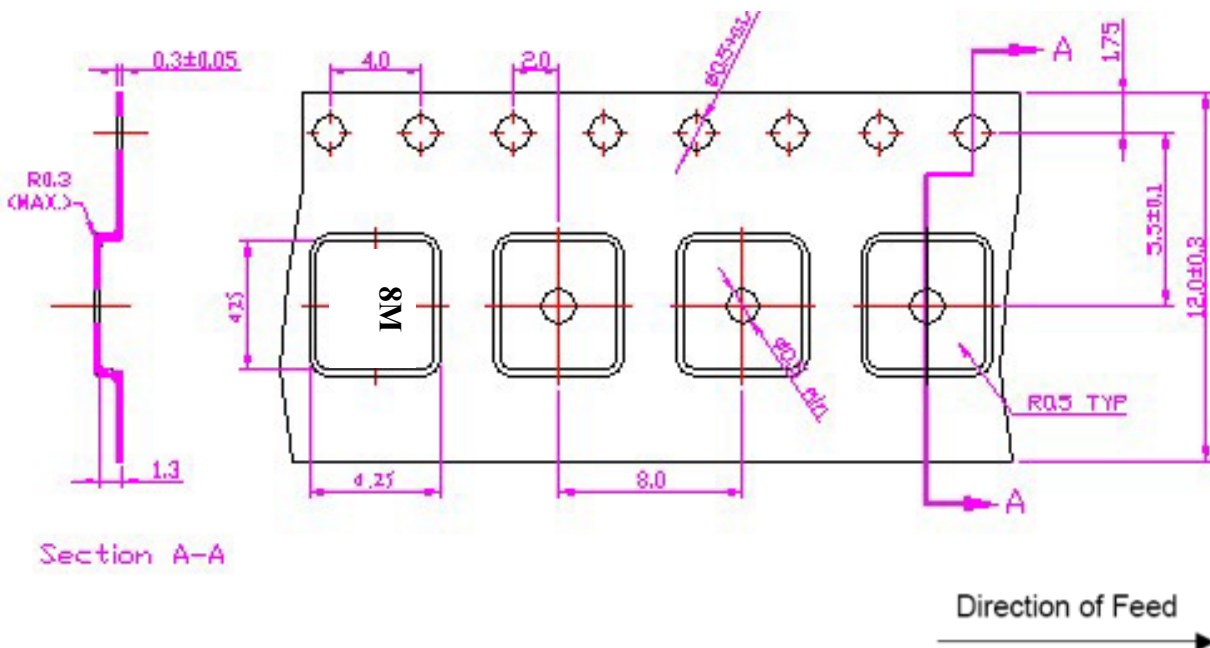
Year	2008	2009	2010	2011	...	2019	2020
Code	8	9	0	1	...	9	0

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE :

