



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Product Specifications Approval Sheet

Product Description: SAW Filter 931.25 MHz SMD 3.8x3.8 mm (BW=12 MHz)

TST Part No.: TA1779A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ David Chang 

Approved by: _____ Bob Chau 

Date: _____ 2014/07/09

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.



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,

Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

SAW Filter 931.25 MHz

MODEL NO.: TA1779A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

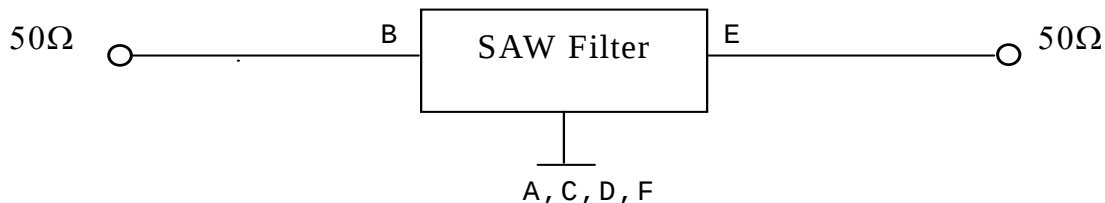
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

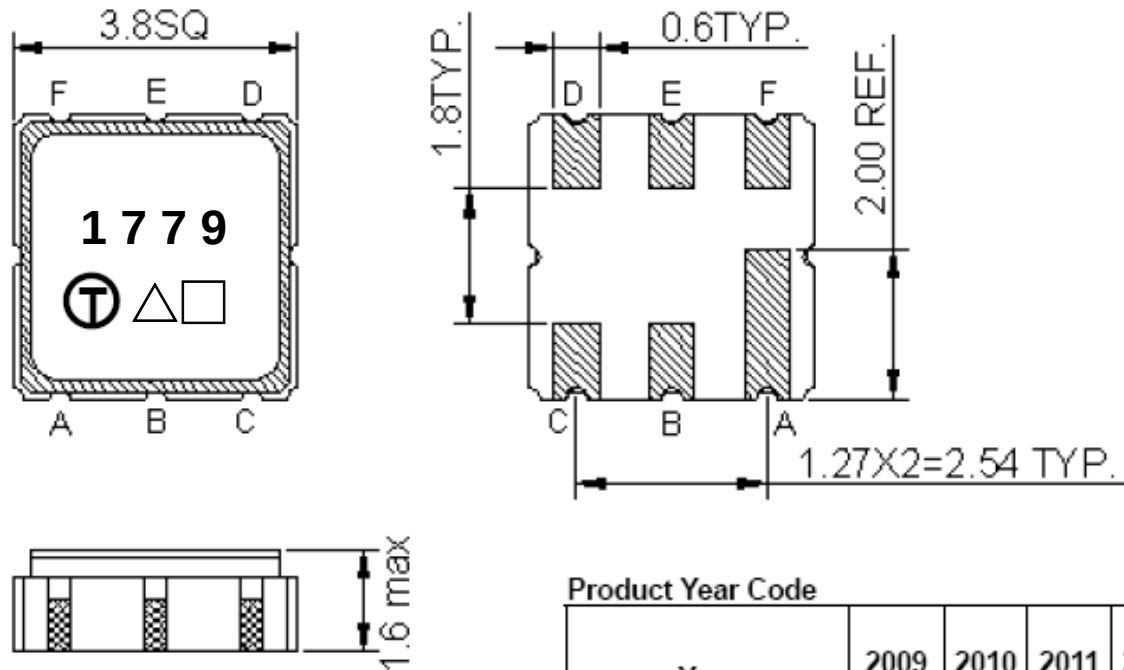
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	931.25	-
Insertion Loss (925~937.5 MHz) IL	dB	-	1.4	2.5
Amplitude Ripple (925~937.5 MHz)	dB	-	0.4	1.6
VSWR (925~937.5 MHz)	-	-	1.5	2.2
Attenuation (Reference level from 0 dB)				
10 ~ 880 MHz	dB	31	36	-
880 ~ 910 MHz	dB	7	21	-
955 ~ 960 MHz	dB	24	44	-
960 ~ 2500 MHz	dB	25	37	-
Temperature coefficient of frequency	ppm/k	-	-36	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:



B: Input

E: Output

A, C, D, F: Ground

△: Year Code

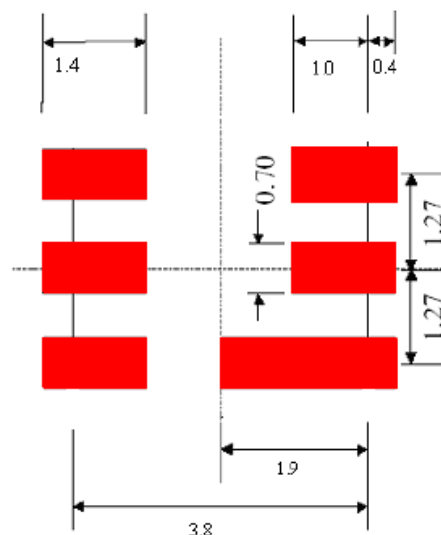
□: Date Code

Unit: mm

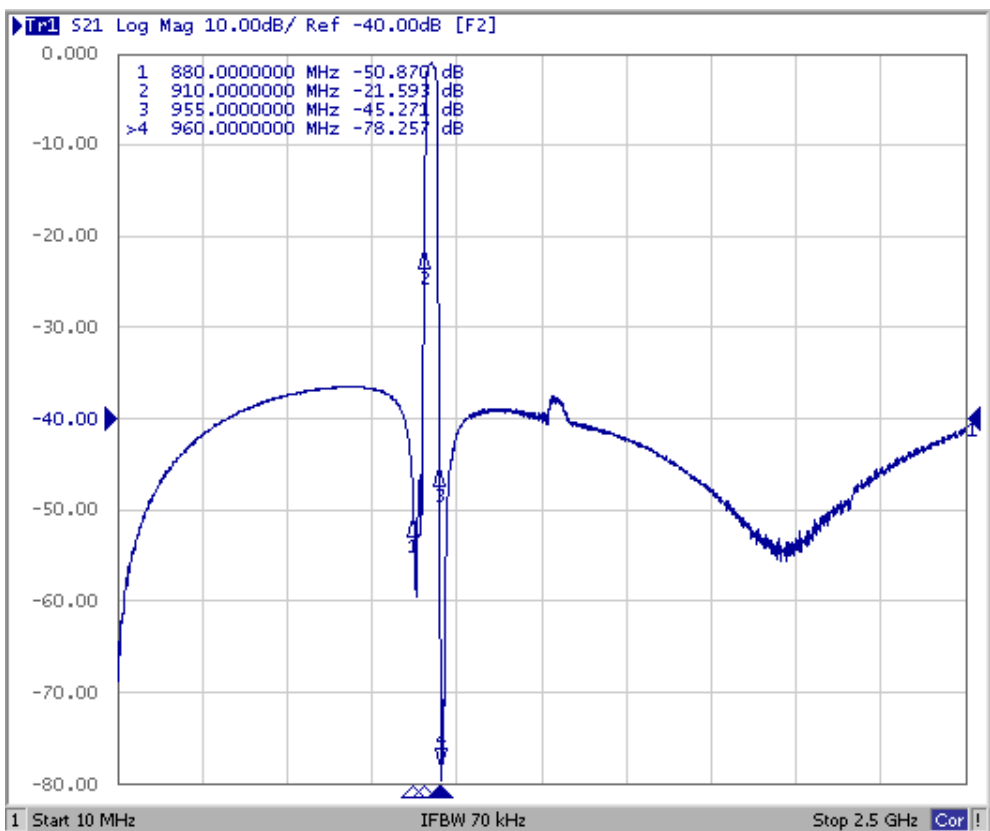
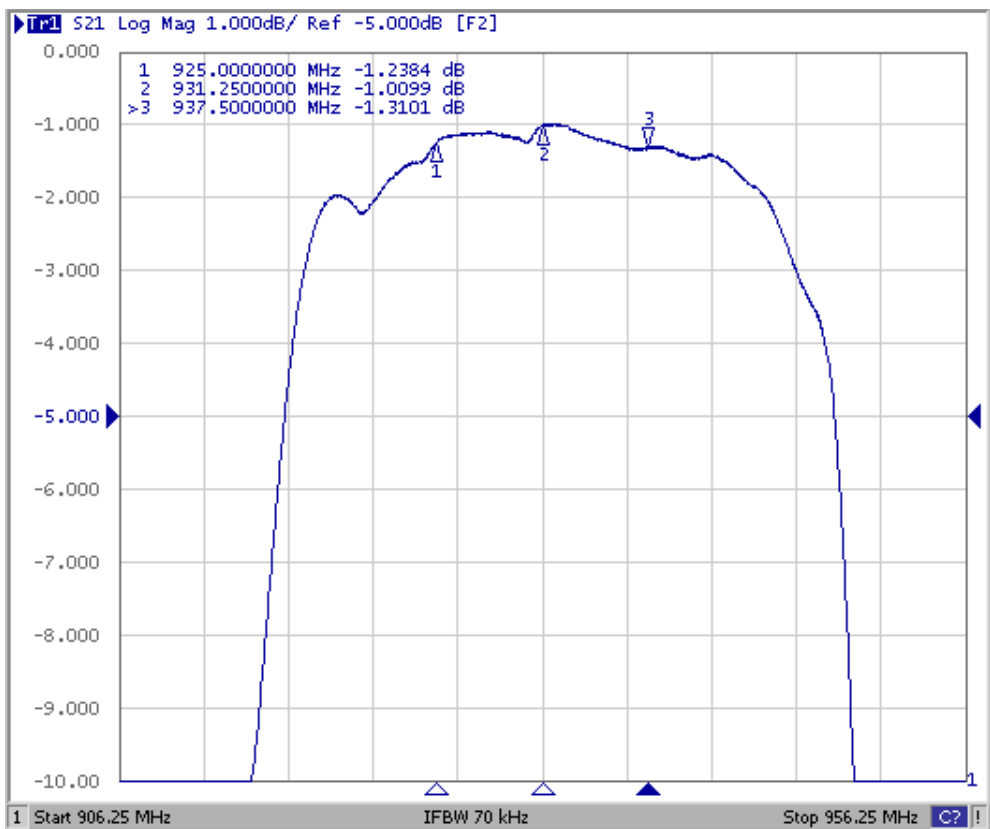
Date Code Table:

WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	o	p	q	r	s	t	u	v	w	x	y	z

E. PCB Footprint:

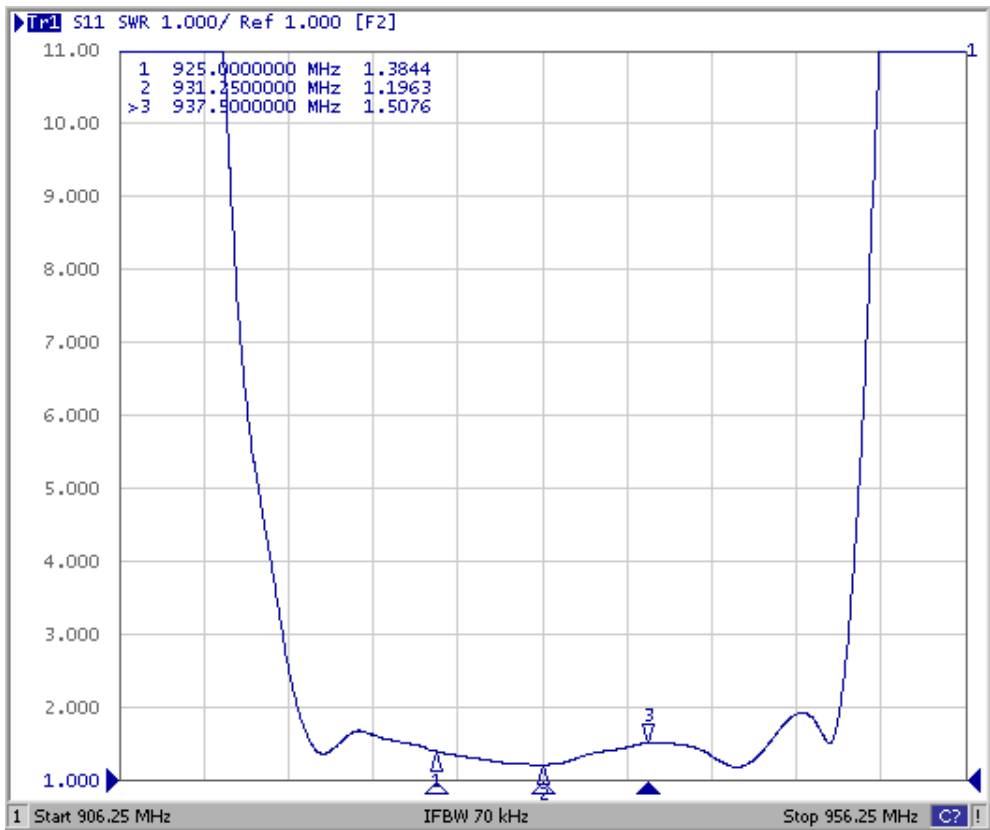


F. Frequency Characteristics:

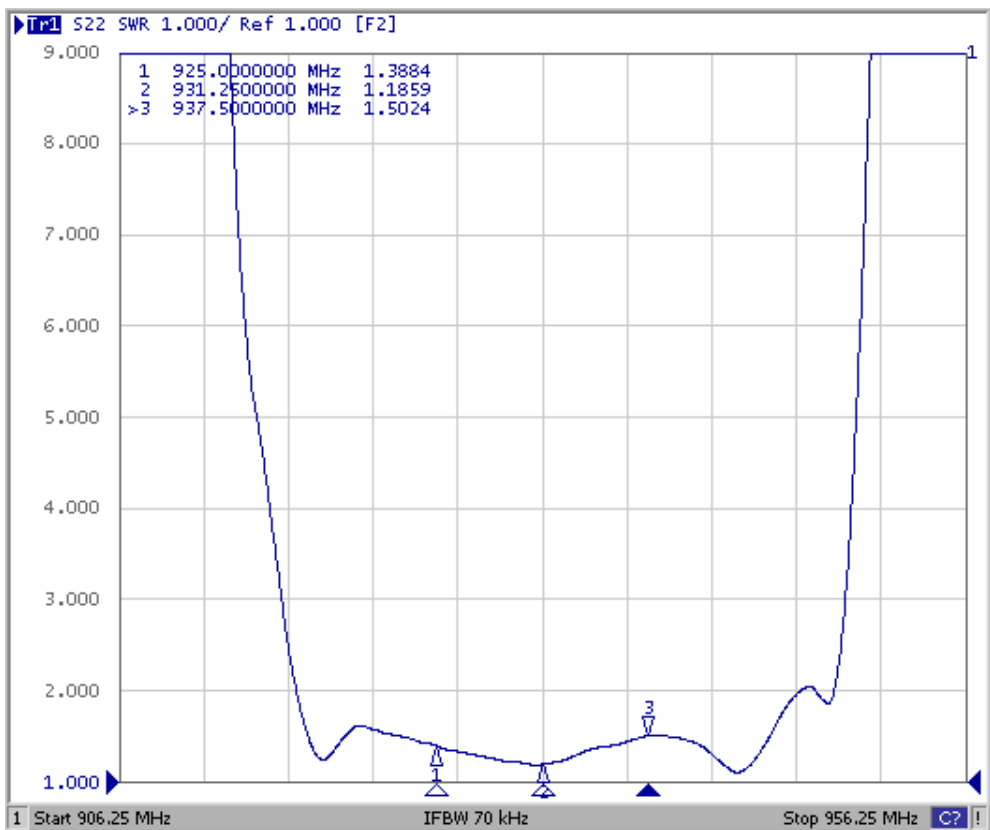


Reflection Functions:

S11



S22



1. REEL DIMENSION

Technical drawing of a circular plate. The main view shows a large circle with a central hole. The hole is defined by a dashed circle. A leader line points from the text "See DETAIL 'A'" to the central hole. To the right of the main view, a vertical dimension line indicates the hole's diameter as $\varnothing 100$ REF. and the plate's outer diameter as $\varnothing 330$ REF. Below the main view, a detailed view of the hole is shown, labeled "A". This detail shows the hole's profile with a central hole of diameter $\varnothing 20 \pm 0.5$ and a larger hole of diameter $\varnothing 130 \pm 0.3$. The detail also shows a central hole of diameter $\varnothing 20 \pm 0.5$ and a larger hole of diameter $\varnothing 130 \pm 0.3$.

[illegible]

H. RECOMMENDED REFLOW PROFILE:

