



TAI-SAW TECHNOLOGY CO., LTD.

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

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Product Specifications Approval Sheet

Product Name: SAW Filter 2185 MHz SMD 3.0×3.0 mm (BW=30 MHz)

TST Parts No.: TA2566A

Customer Parts No.: _____

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

Checked by: _____ Michael Yang *Michael*

Approval by: _____ Andy Yu *Andy Yu*

Date: _____ 2019/06/12

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 2185 MHz

MODEL NO.: TA2566A

REV. NO.:1

A1. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C
5. Moisture Sensitive Level (MSL): Level 1

RoHS Compliant
 Lead free
 Lead-free soldering

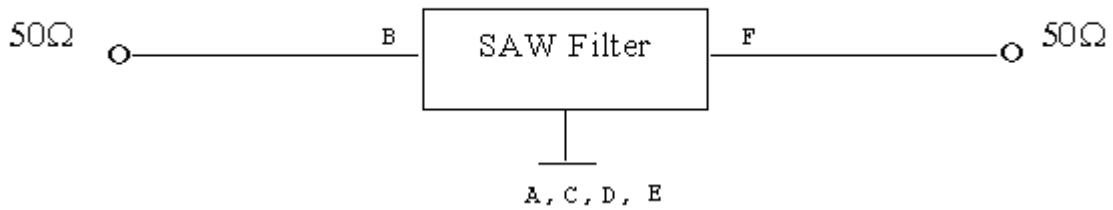
Electrostatic Sensitive Device (ESD)

B1. ELECTRICAL CHARACTERISTICS:

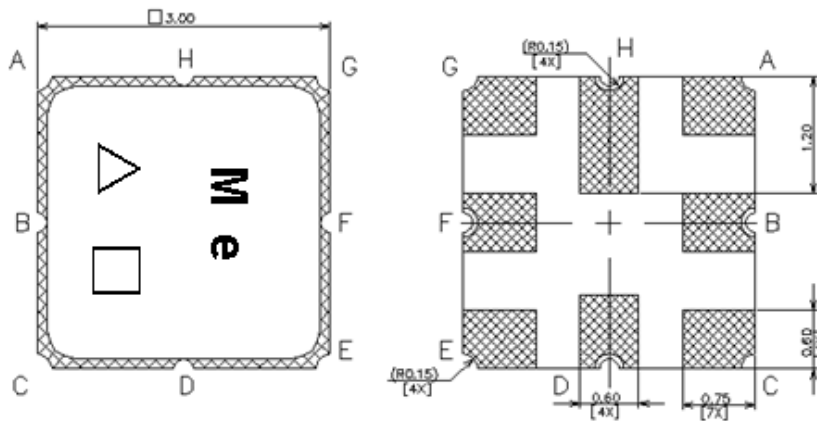
Item	Unit	min	Type.	max
Center Frequency Fc	MHz	-	2185	-
Insertion Loss (2170~2200 MHz) IL	dB		2.0	4.0
VSWR Input (2170~2200 MHz)			2.0	2.5
VSWR Output (2170~2200 MHz)			2.0	2.5
Amplitude ripple (2170~2200 MHz)	dB		0.5	2.0
Attenuation				
DC ~ 1980 MHz	dB	36	41	
1980 ~ 2130 MHz	dB	30	35	
2130 ~ 2140 MHz	dB	25	30	
2300 ~ 2500 MHz	dB	35	40	
Temperature coefficient	ppm/°C	-36		
Package size	mm	3030		

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:

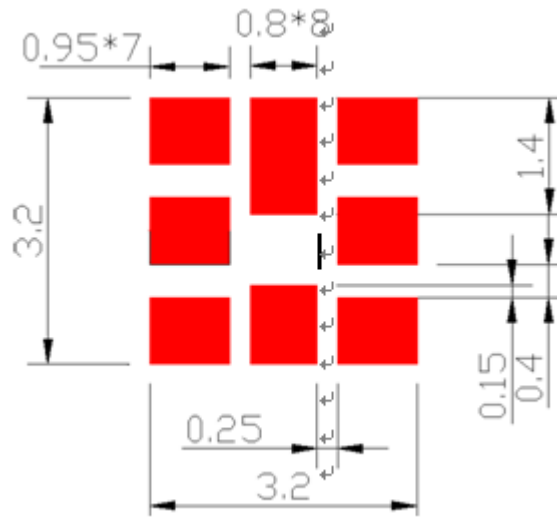


B::Input
 F::Output
 A,C,D,E,G,H::Ground

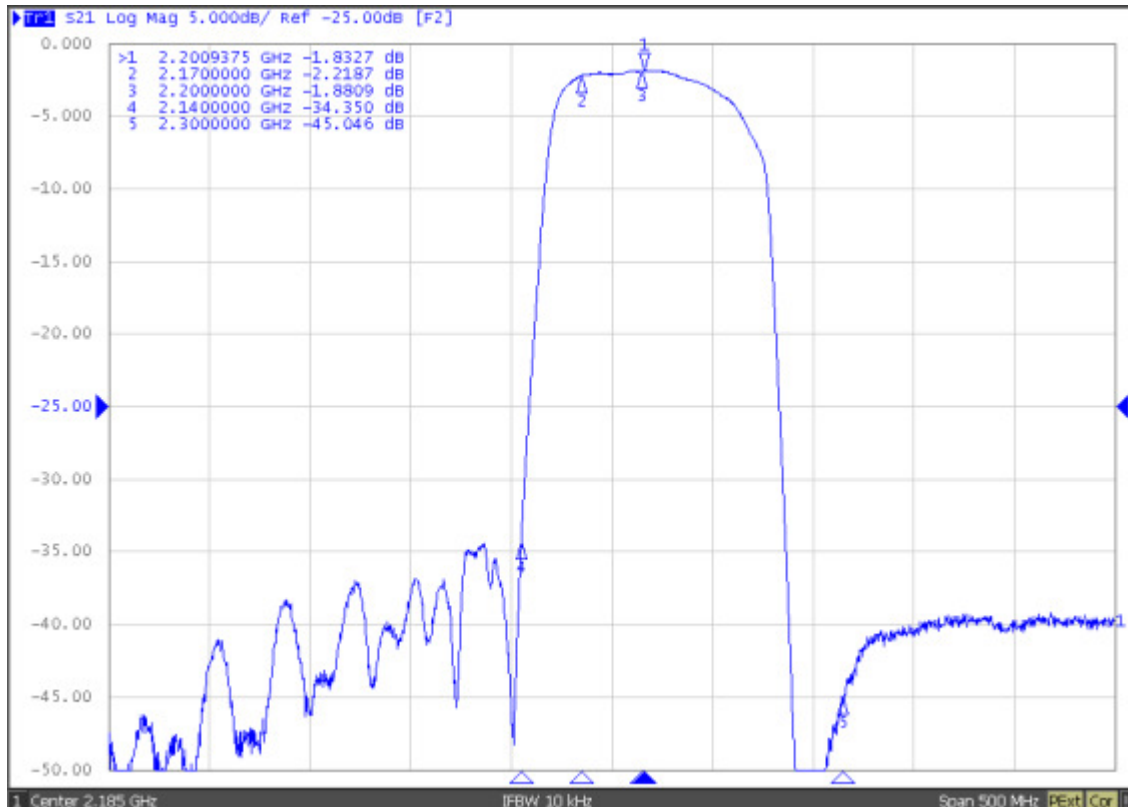
△::Year Code (2009->9, 2010->0,.....,2018->8)
 □::Date Code (Follow the table from planner each year)
 Date Code Table

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

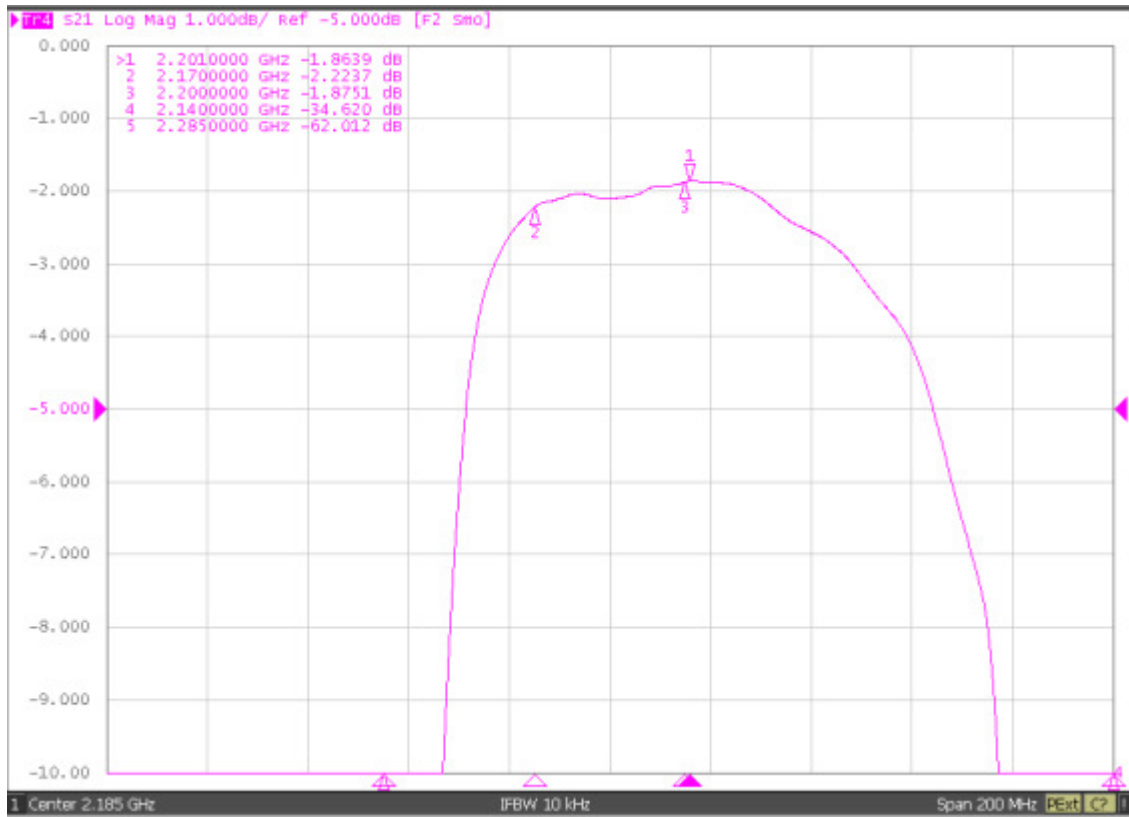
E. PCB Footprint:



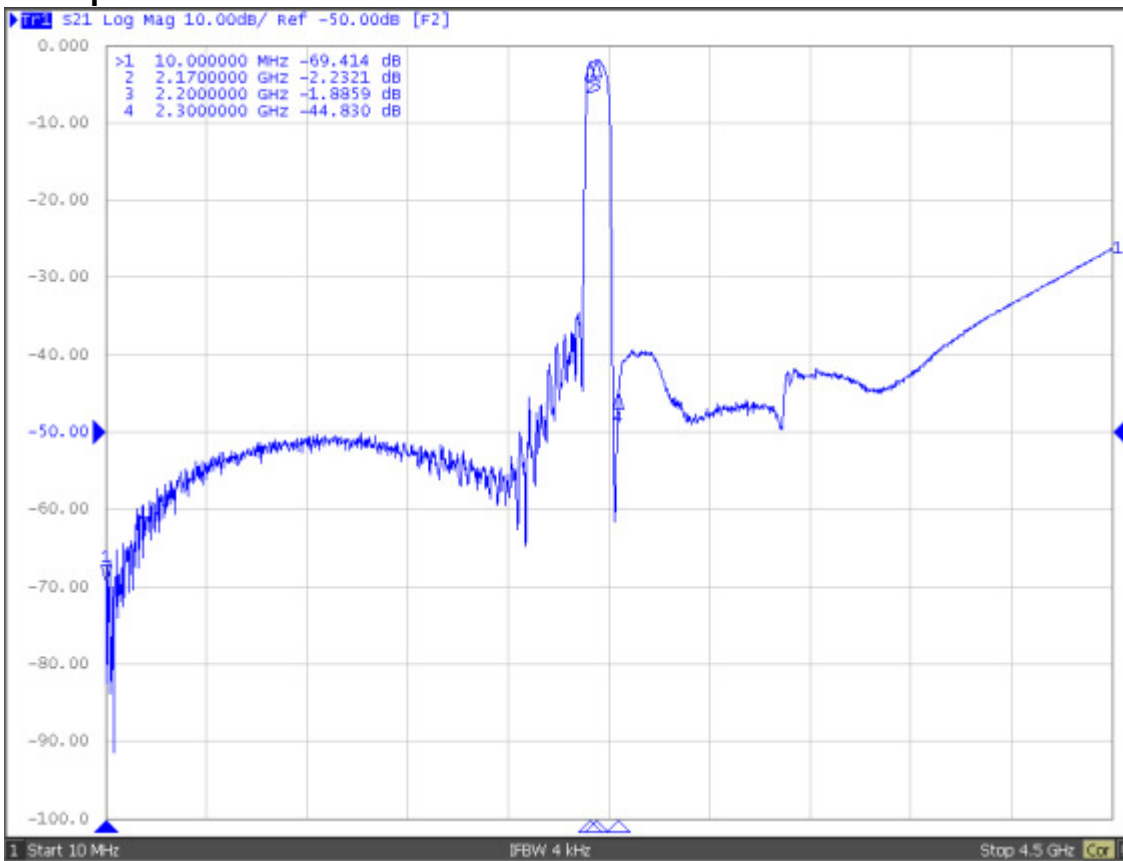
F. Frequency Characteristics : S21 Span 400MHz



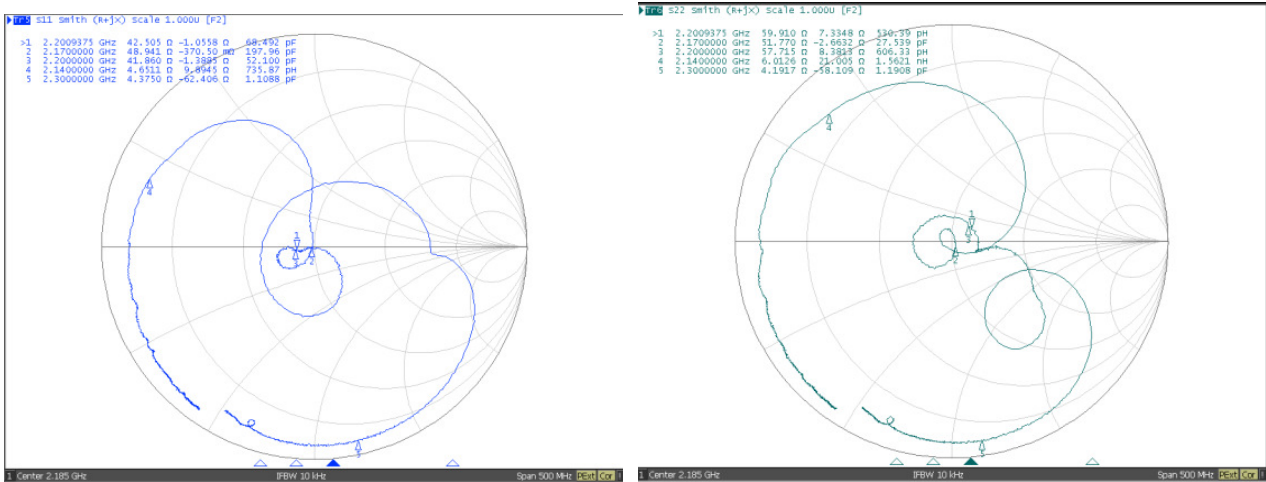
S21 Span 200MHz



S21 Span 4.5GHz



S11/S22 :



G. PACKING:

1. REEL DIMENSION

(Please refer to FR-75D10 for packing quantity)

