



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

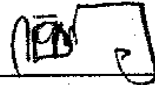
Product Description: SAW Filter 2017.5 MHz SMD 2.0X1.4 mm

TST Part No.: TA1095A

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 10, 28, 2009

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 2017.5MHz

MODEL NO.:TA1095A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 12 dBm
2. DC Voltage : 3V
3. Operating Temperature: -25°C to +85°C
4. Storage Temperature: -40°C to +95°C

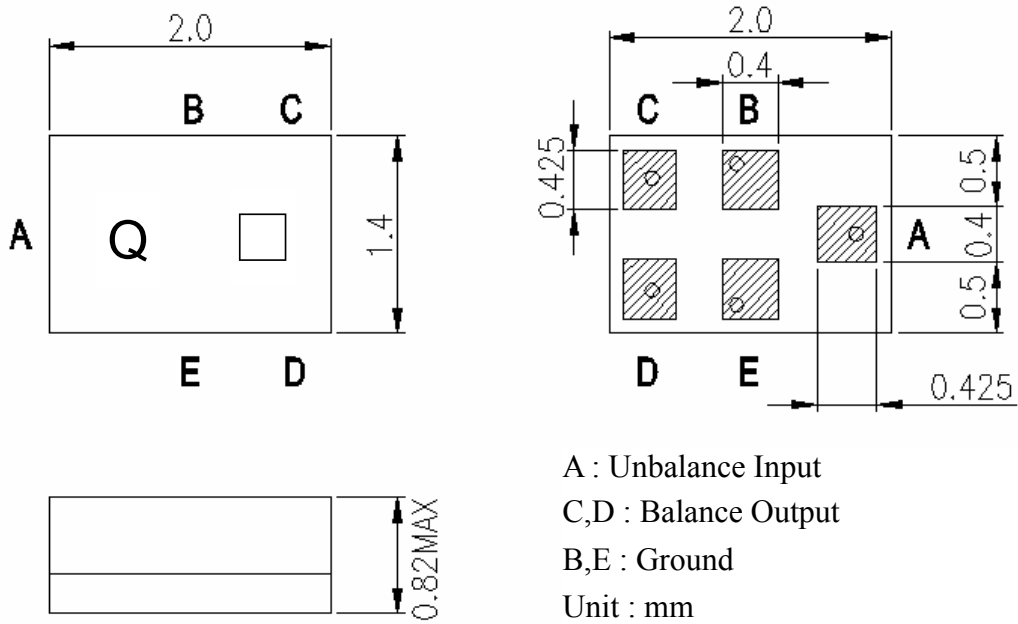
B. ELECTRICAL CHARACTERISTICS:

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

Terminating load impedance (differential) : $Z_L = 200 \Omega$

Item	Unit	Min.	Type.	Max.	Note
Center Frequency F_c	MHz	-	2017.5	-	-
Insertion Loss (2010~2025 MHz)	dB	-	2.6	3.5	-
Amplitude ripple (2010~2025 MHz)	dB	-	0.6	1.4	-
Group Delay ripple (2010~2025 MHz)	ns	-	6	12	-
Output amplitude balance ($ S_{31}/S_{21} $) (2010~2025 MHz)	dB	-3	-0.5	3	-
Output phase balance ($\Phi(S_{31}) - \Phi(S_{21}) + 180^\circ$) (2010~2025 MHz)	deg	-13	-10	13	-
VSWR (2010~2025 MHz)		-	1.9	2.5	-
Attenuation					
100~995 MHz	dB	32	61	-	-
995~1022 MHz	dB	35	60	-	-
1022~1925 MHz	dB	25	43	-	-
1925~1950 MHz	dB	22	47	-	-
1950~1980 MHz	dB	13	32	-	-
2050~2085 MHz	dB	5	13	-	-
2085~2110 MHz	dB	15	26	-	-
2430~2565 MHz	dB	35	57	-	-
2565~4010 MHz	dB	32	44	-	-
4010~4060 MHz	dB	40	60	-	-
4060~6000 MHz	dB	32	50	-	-

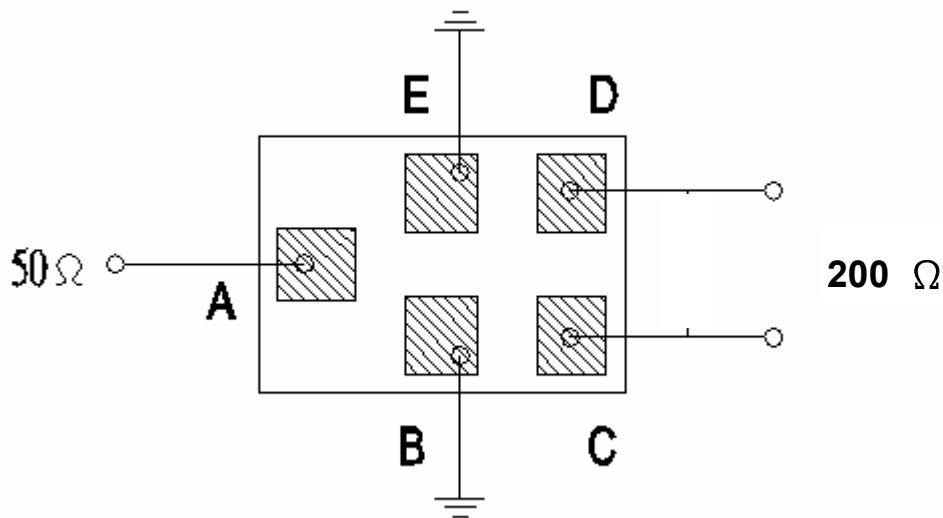
C.OUTLINE DRAWING:



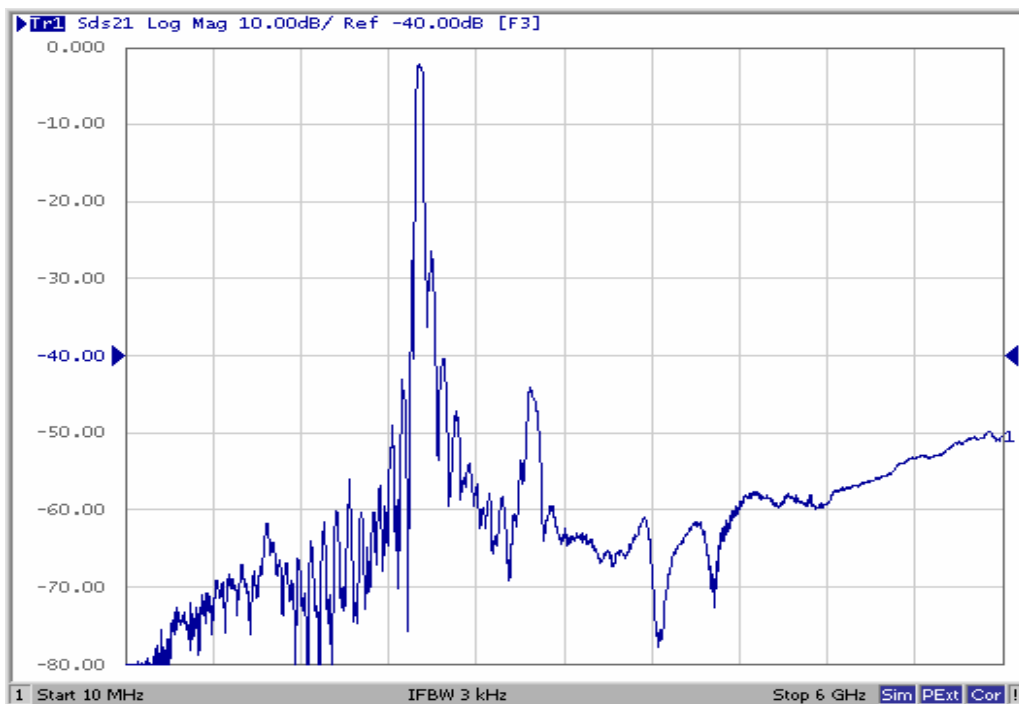
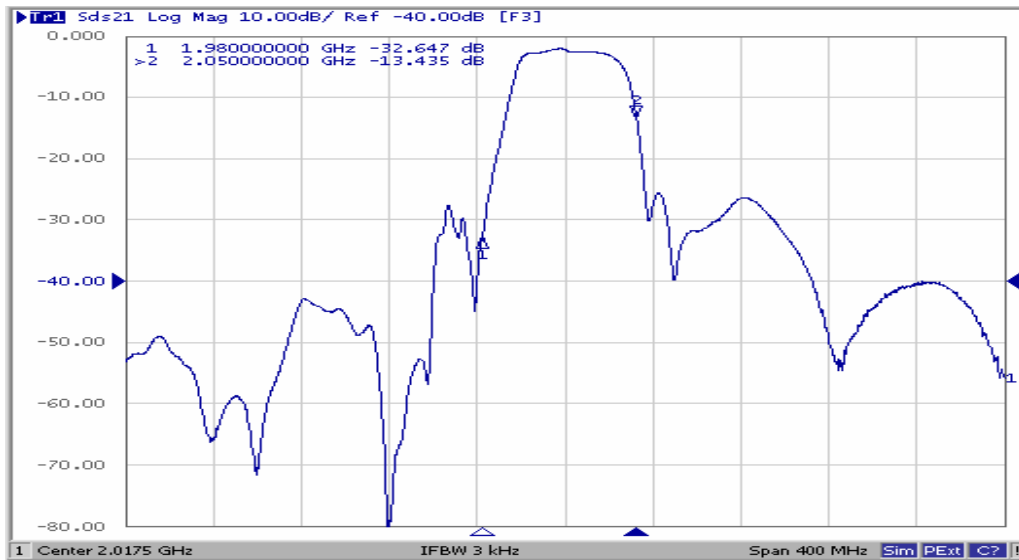
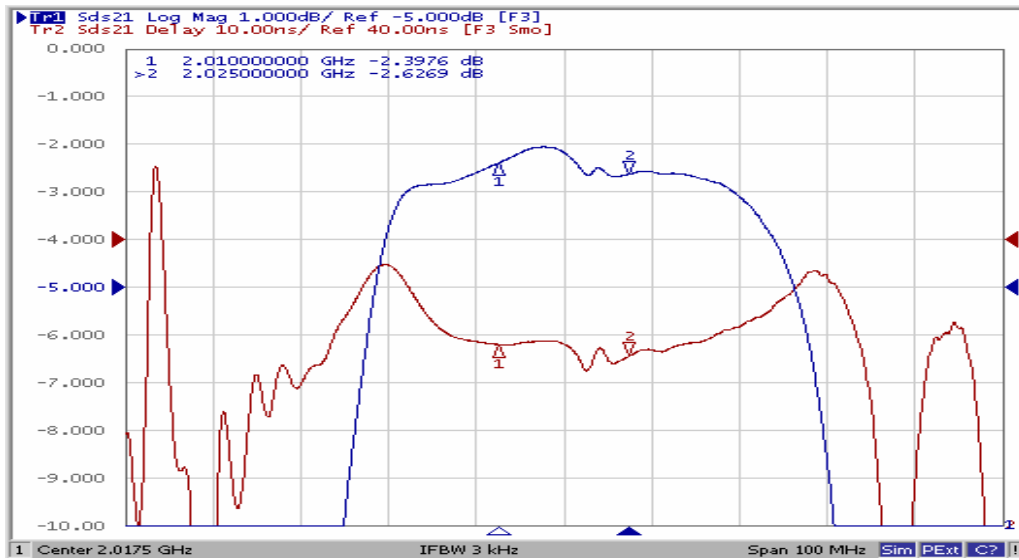
□ : Year/Month Code (Follow the table)

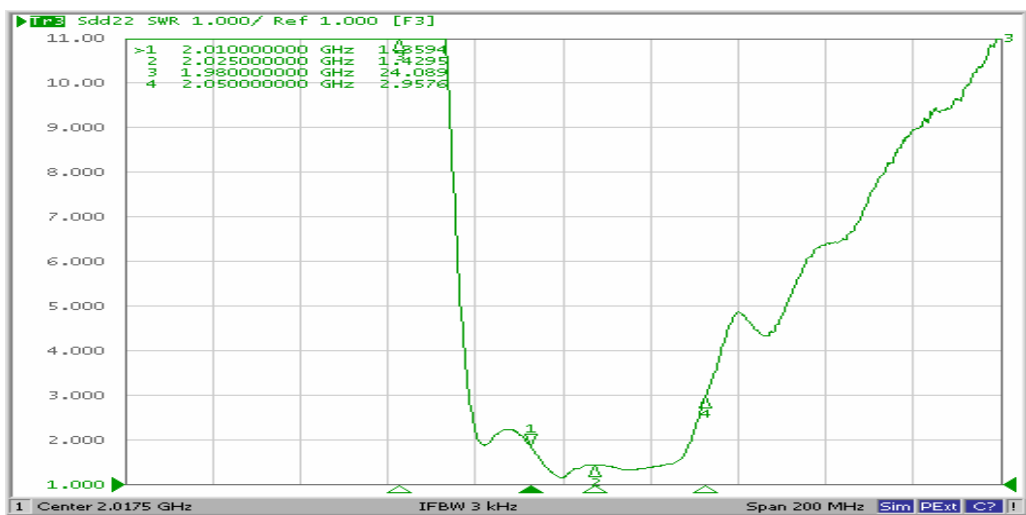
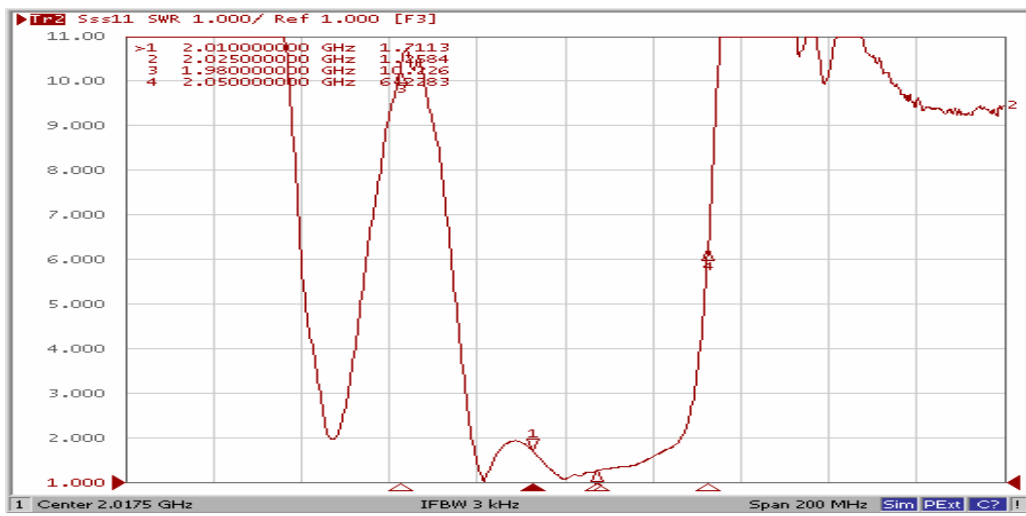
Year/Month	1	2	3	4	5	6	7	8	9	10	11	12
2005	A	B	C	D	E	F	G	H	J	K	L	M
2006	N	P	Q	R	S	T	U	V	W	X	Y	Z
2007	a	b	c	d	e	f	g	h	j	k	l	m
2008	n	p	q	r	s	t	u	v	w	x	y	z
2009	A	B	C	D	E	F	G	H	J	K	L	M
2010	N	P	Q	R	S	T	U	V	W	X	Y	Z

D. MEASUREMENT CIRCUIT:



E. Frequency Characteristics :

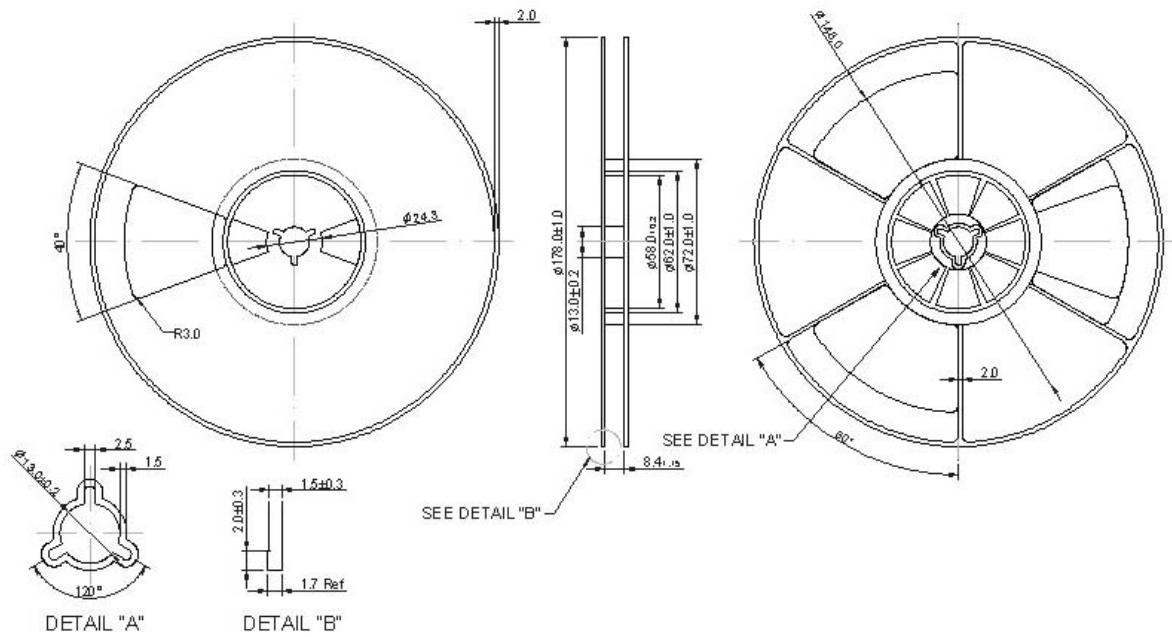




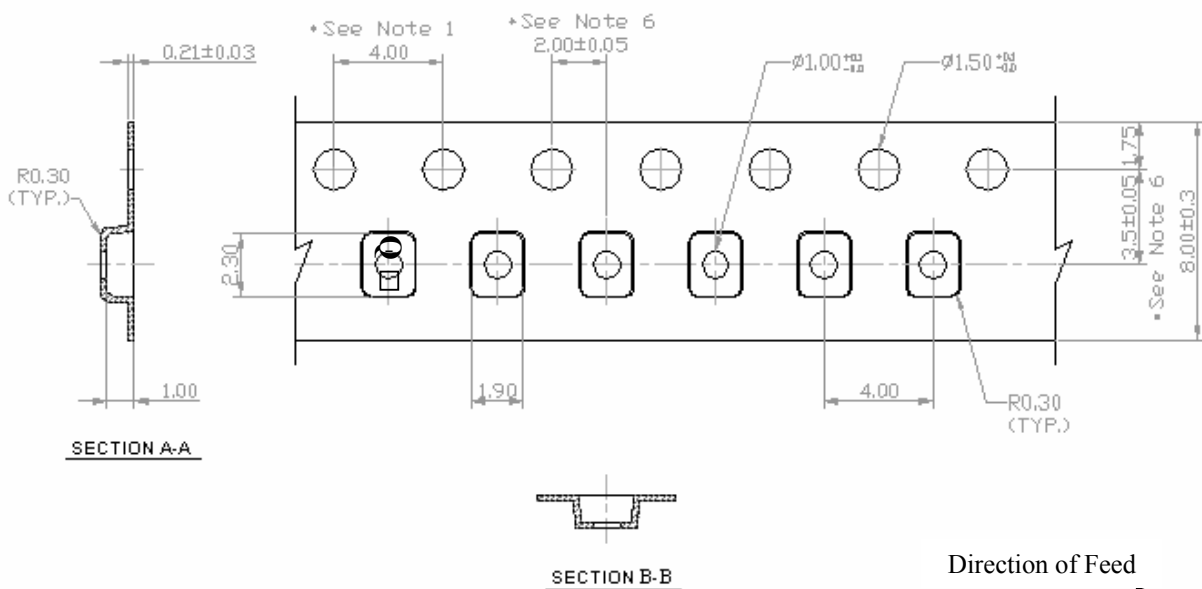
F. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=2000 ; 13"=10000)



2. TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE :

