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 881.5 MHz SMD 2.0X1.4 mm

TST Part No.: TA1132A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Bob Chau _____

Approved by:_____ Francis Chen _____

Date:_____ 1, 6, 2010 _____

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 881.5MHz

MODEL NO.:TA1132A REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -25°C to +80°C
4. Storage Temperature: -40°C to +85°C

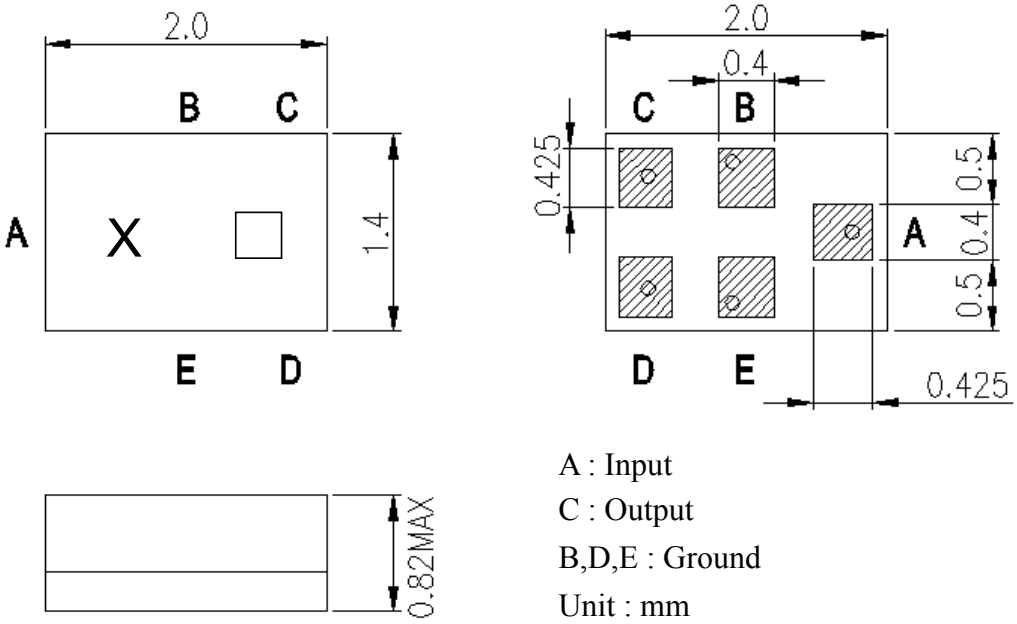
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance (single-ended) : Zs = 50 Ω

Terminating load impedance (single-ended) : Z_L = 50 Ω

Item	Unit	Min.	Type.	Max.	Note
Center Frequency **Fc**	MHz	-	881.5	-	-
Insertion Loss (869~894 MHz) **IL**	dB	-	2.6	3.2	-
Amplitude ripple (869~894 MHz)	dB	-	0.7	1.4	-
VSWR (869~894 MHz)		-	1.7	2.3	-
Attenuation					
100~600 MHz	dB	45	52	-	-
600~824 MHz	dB	33	38		
824~849 MHz	dB	32	35	-	-
914~924 MHz	dB	18	23	-	-
924~950 MHz	dB	32	36	-	-
950~1000 MHz	dB	35	44	-	-
1000~2200 MHz	dB	25	28	-	-
2200~3000 MHz	dB	20	24	-	-

C.OUTLINE DRAWING:

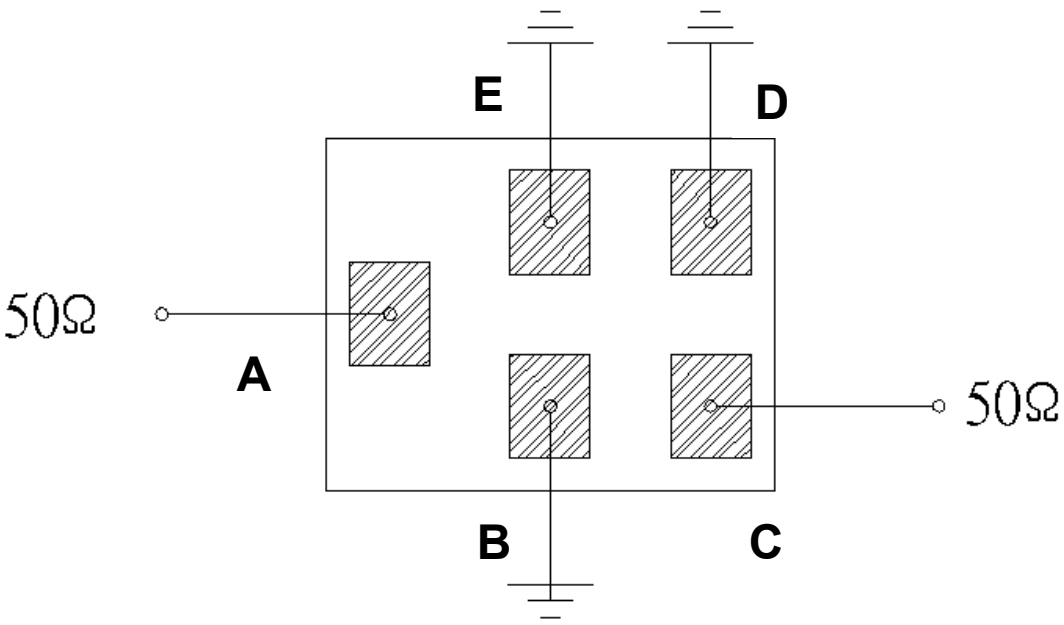


A : Input
C : Output
B,D,E : Ground
Unit : mm

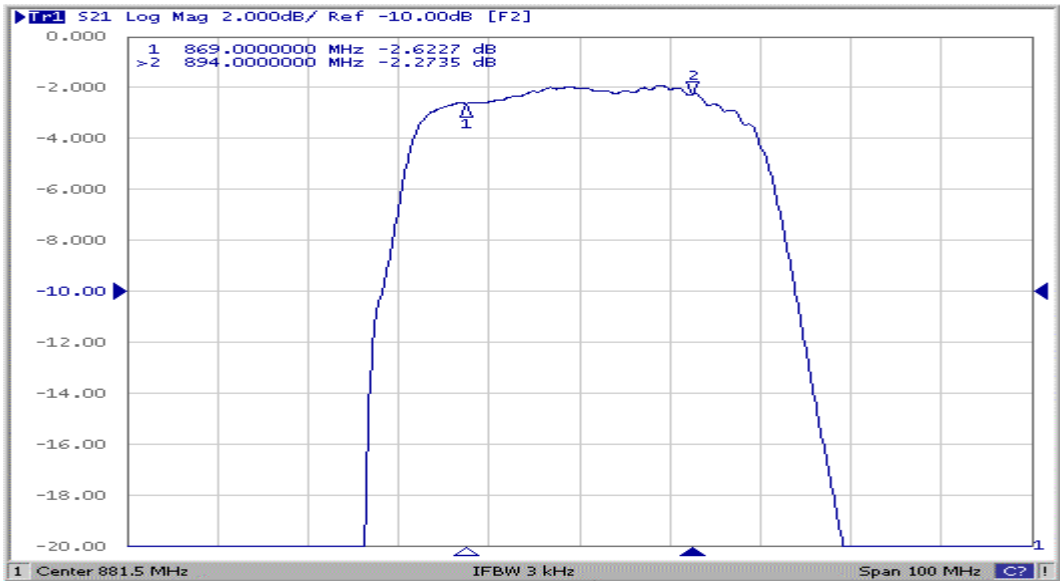
☐ : Year/Month Code (Follow the table)

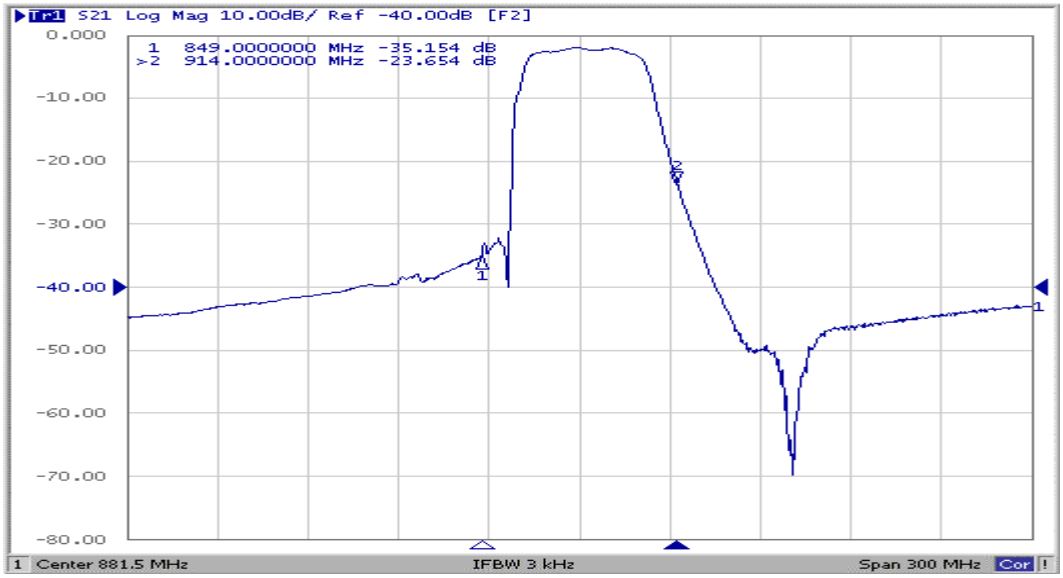
Year/Month	1	2	3	4	5	6	7	8	9	10	11	12
2009	A	B	C	D	E	F	G	H	J	K	L	M
2010	N	P	Q	R	S	T	U	V	W	X	Y	Z
2011	a	b	c	d	e	f	g	h	j	k	l	m
2012	n	p	q	r	s	t	u	v	w	x	y	z
2013	A	B	C	D	E	F	G	H	J	K	L	M
2014	N	P	Q	R	S	T	U	V	W	X	Y	Z

D. MEASUREMENT CIRCUIT:

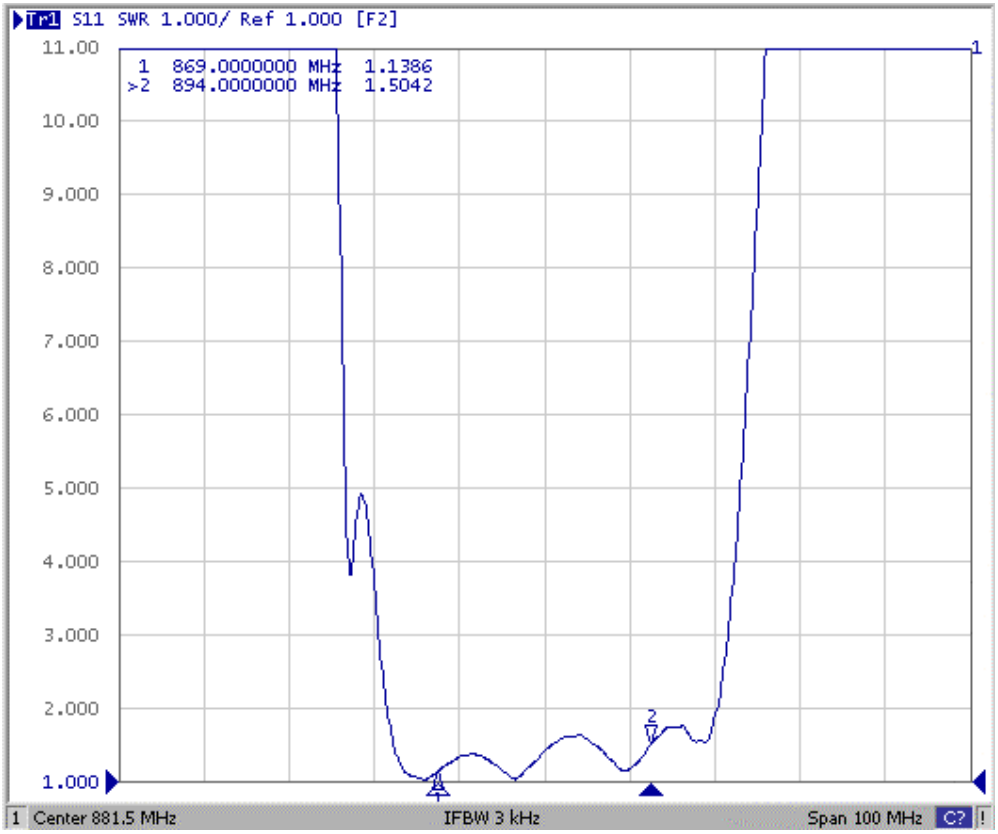


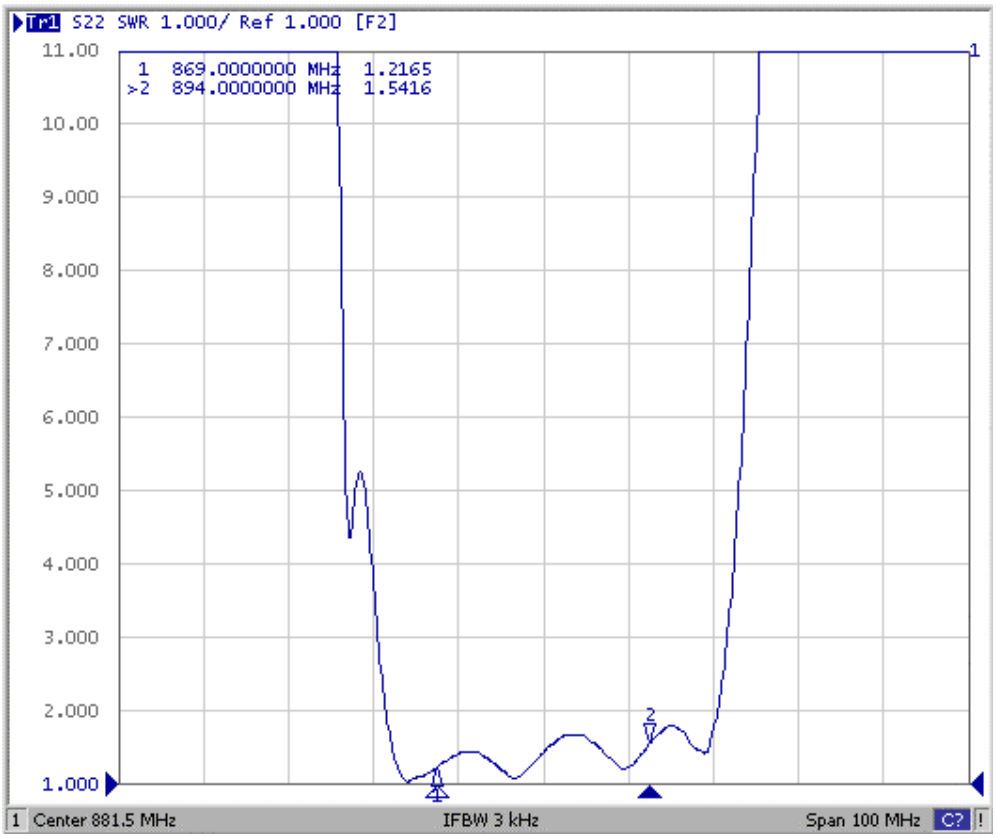
E. Frequency Characteristics :







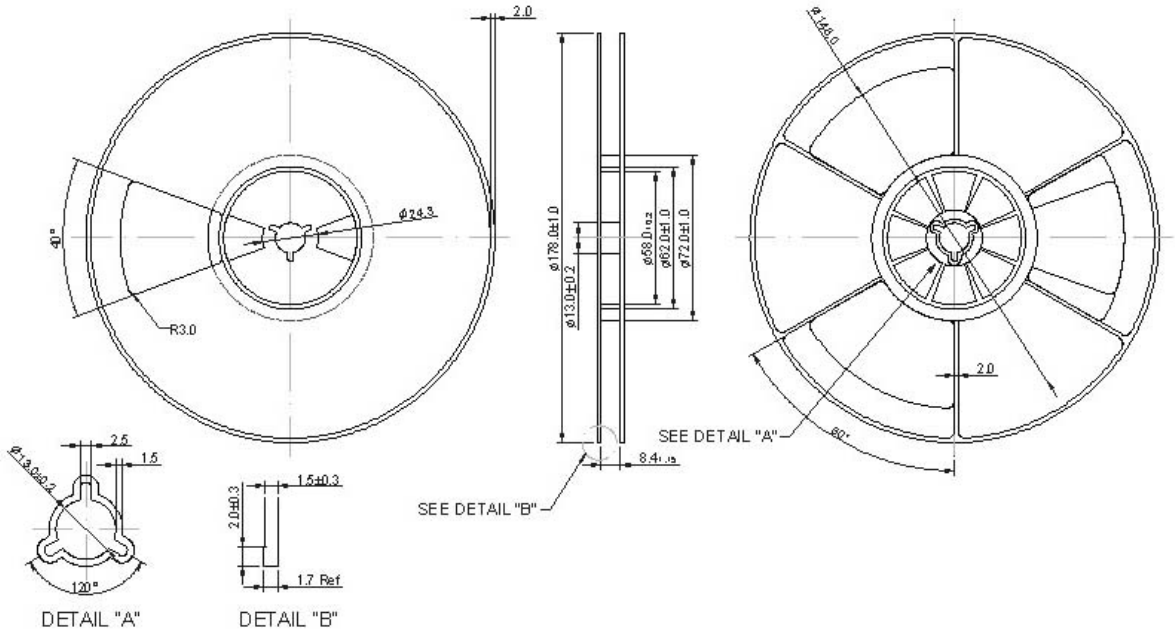

Tr1 S11 SWR 1.000/ Ref 1.000 [F2]
1 869.0000000 MHz 1.1386
>2 894.0000000 MHz 1.5042
11.00
10.00
9.000
8.000
7.000
6.000
5.000
4.000
3.000
2.000
1.000
1 Center 881.5 MHz
IFBW 3 kHz
Span 100 MHz
C?


Tr1 S22 SWR 1.000/ Ref 1.000 [F2]
1 869.0000000 MHz 1.2165
>2 894.0000000 MHz 1.5416
11.00
10.00
9.000
8.000
7.000
6.000
5.000
4.000
3.000
2.000
1.000
1 Center 881.5 MHz
IFBW 3 kHz
Span 100 MHz
C?

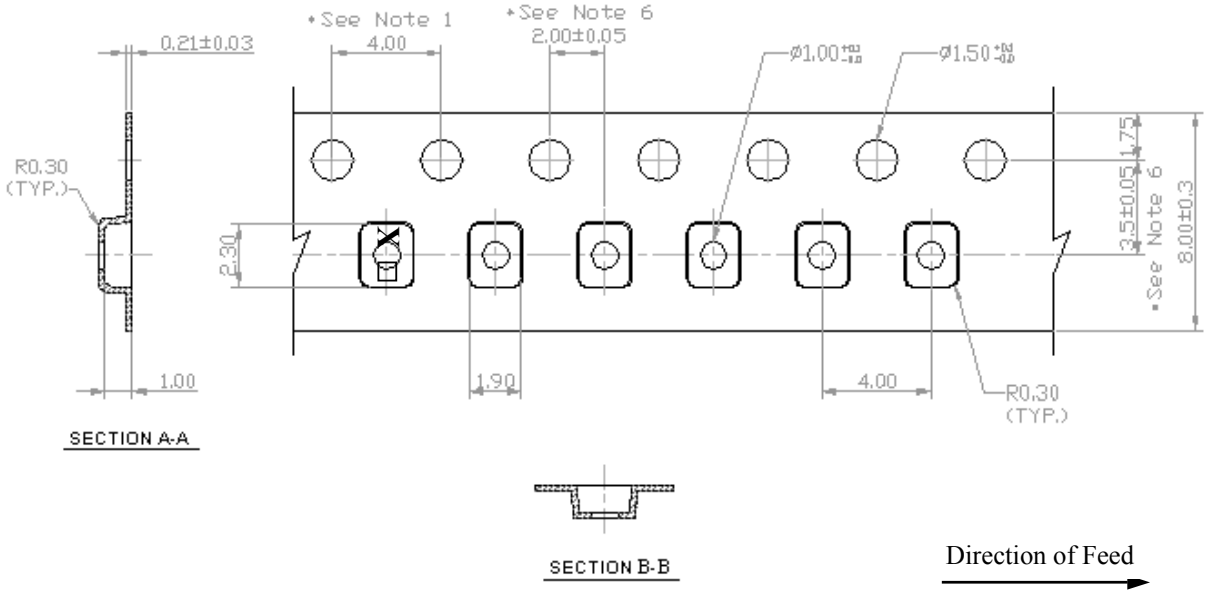
F. PACKING:

1. REEL DIMENSION

(Reel Count : 7”=2000)



2.TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE :

