



TAI-SAW TECHNOLOGY CO., LTD.

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

Issued Date: May , 02, 2012

Product Name: SAW Filter 1000 MHz SMD 5.0x5.0 mm(BW=0.8MHz)

TST Parts No.:TA1483A

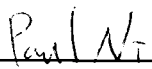
Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Paul Ni 

Approval by: _____ Francis Chen 

Date: _____ 05, 02, 2012

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 1000 MHz

MODEL NO.:TA1483A

REV. NO : 1.0

A. MAXIMUM RATING:

1. Input Power Level: 0 dBm
2. DC Voltage : 5V
3. Operating Temperature: -30°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

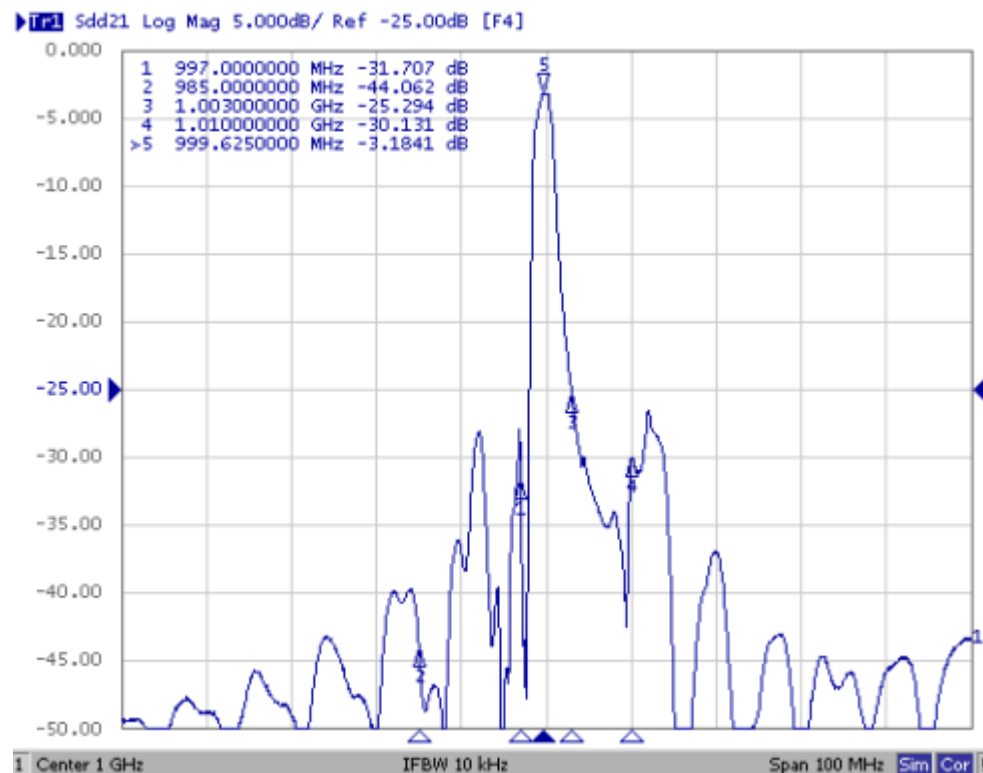
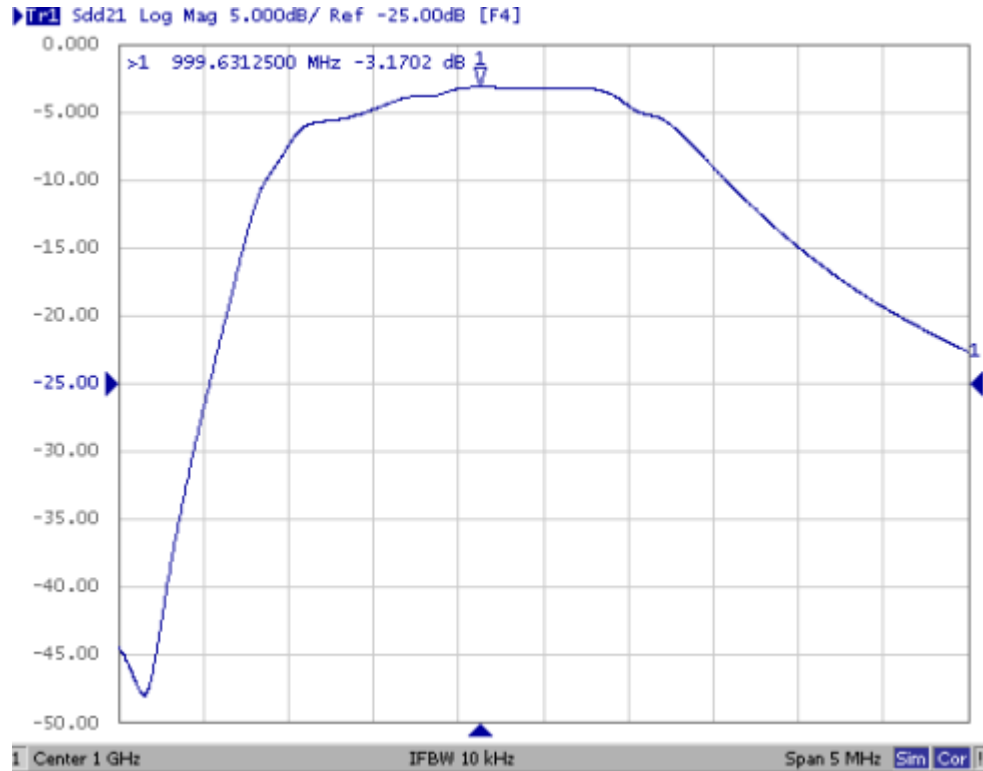
Electrostatic Sensitive Device

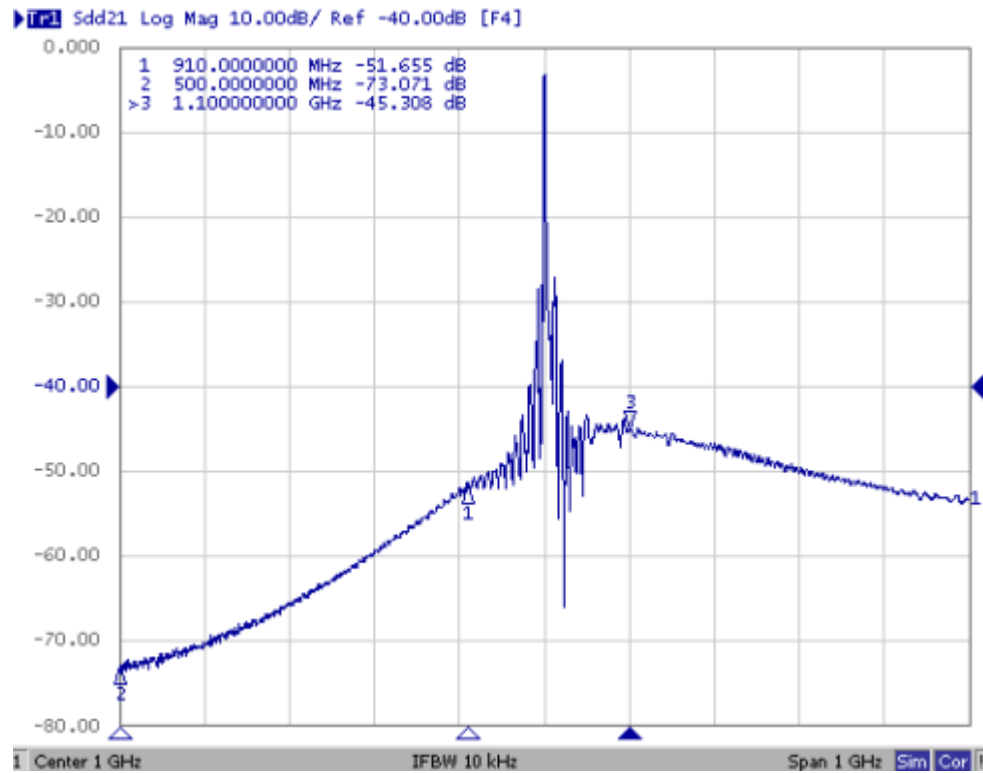
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1000	-
3dB BW	MHz	1.5	2.0	-
Minimum insertion loss IL(min)				
Incl. loss of matching elements *1)	dB	-	3.2	5.0
Passband (relative to IL _{min}) *1)				
999.600 ~ 1000.400 MHz	dB	-	0.6	3.0
Attenuation (relative to IL _{min}) *1)				
500.00 ~ 910.00 MHz	dB	35	48	-
910.00 ~ 985.00 MHz	dB	30	36	-
985.00 ~ 997.00 MHz	dB	18	25	-
1003.0 ~ 1010.0 MHz	dB	6	21	-
1010.0 ~ 1020.0 MHz	dB	15	23.5	-
1020.0 ~ 1100.0 MHz	dB	30	34	-
Temperature Coefficient	ppm/oC2	-0.036		

*1) : The matching circuit is real by actual passive components.
0805 Coilcraft CS series chip conductor is used for inductor.
0402 muRata GRM series is used for capacitor.

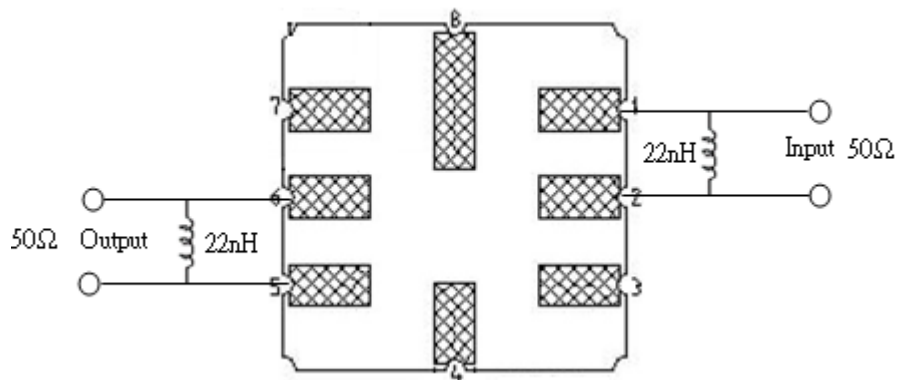
C. Frequency Characteristics :



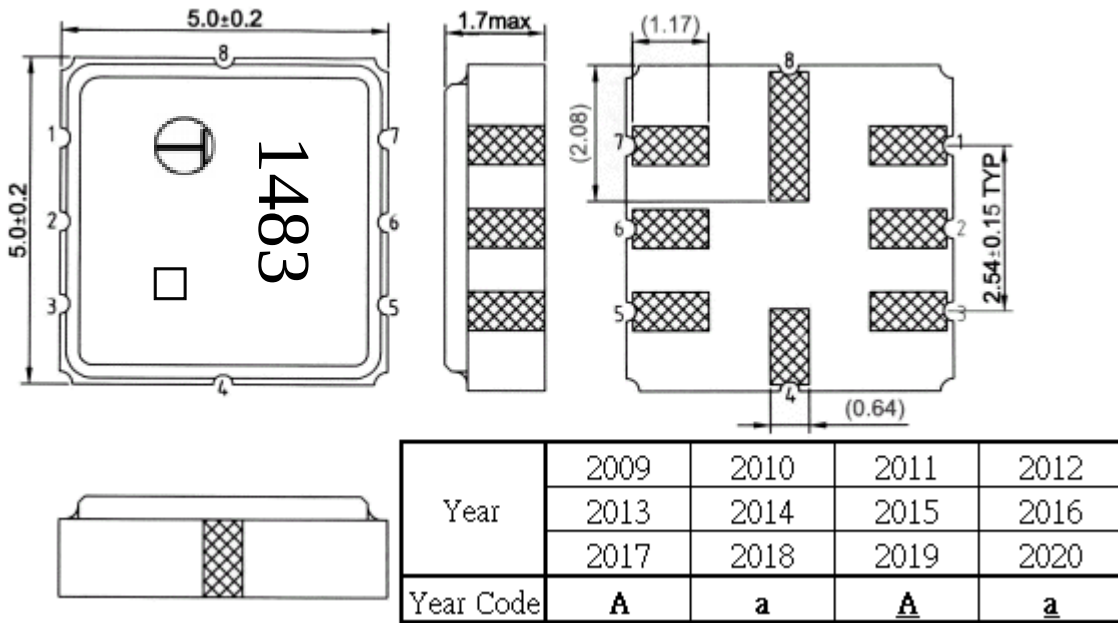


D. MEASUREMENT CIRCUIT:

The matching circuit is real by actual passive components.



E.OUTLINE DRAWING:



#1,2 : Balance Input

#5,6 : Balance Output

#3,4,7,8 : Ground

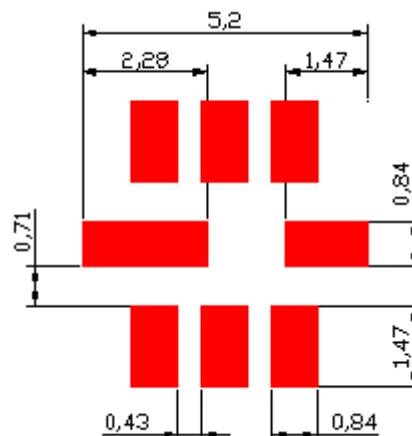
A : Year Code

□ : Data Code

Unit : mm

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

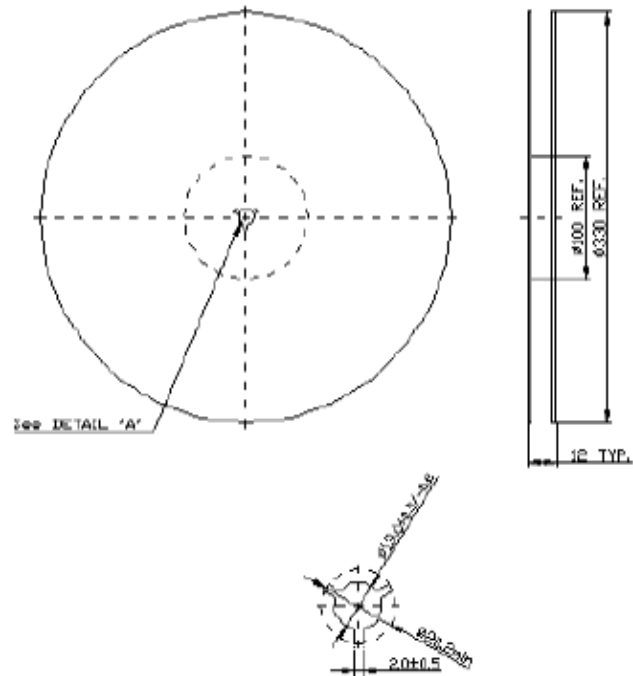
F. PCB Footprint:



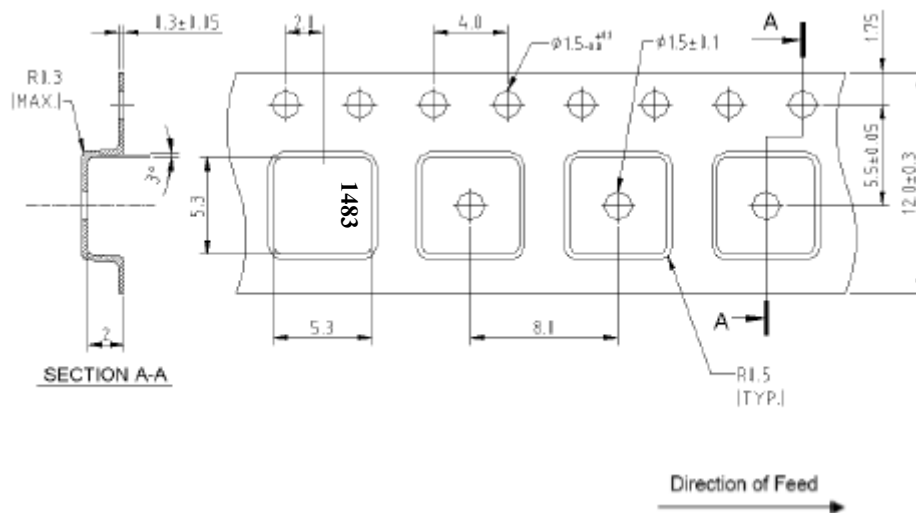
G. PACKING:

1. REEL DIMENSION

7" reel = 1000 typ , 13" reel = 3000 typ, or per the request of customer order.



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

