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: 754.95 MHz 40MHz BW SMD 3.8 x 3.8 mm SAW RF Filter

TST Parts No.: TA1798A

Customer Parts No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Kazuma Lee _____

Approval by:_____ Bob Chau _____

Date:_____ 11 / 13 / 2014 _____

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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RF SAW Filter 754.95 MHz

MODEL NO.:TA1798A REV. NO.:1

A. MAXIMUM RATING:

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

RoHS Compliant
Lead free
Lead-free soldering

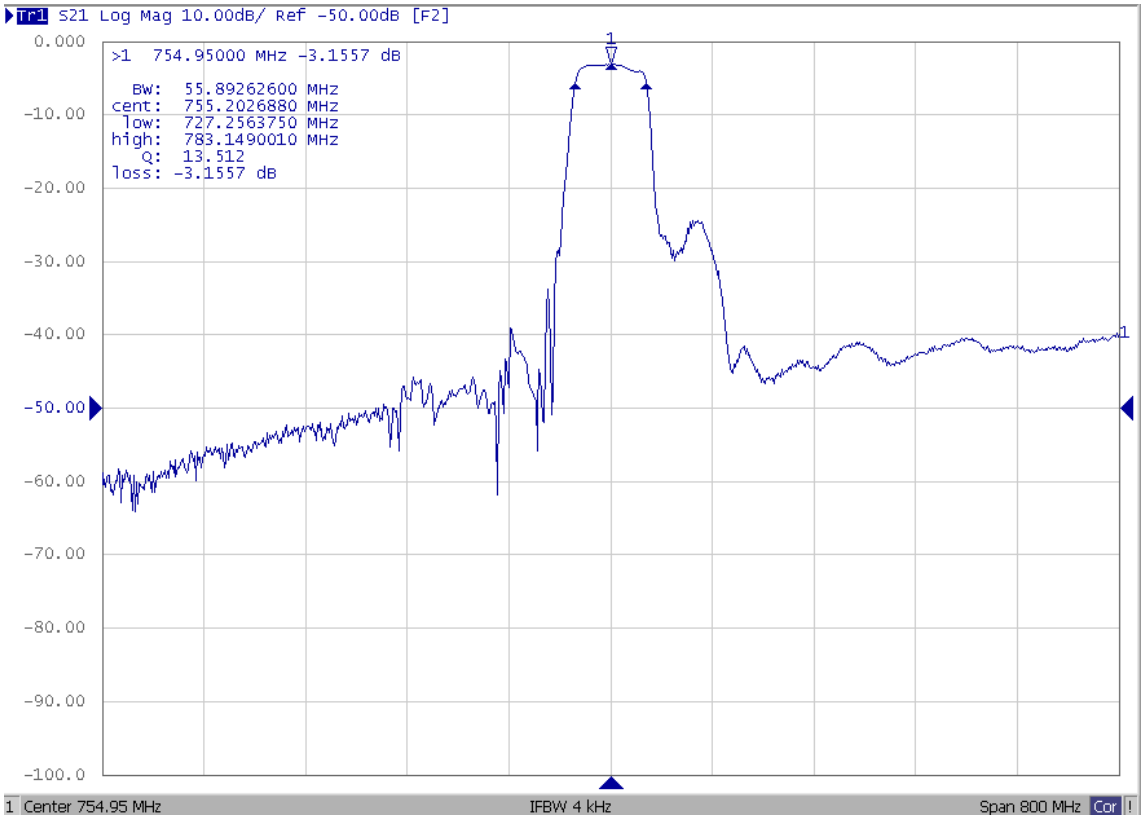
Electrostatic **S**ensitive **D**evice

B. ELECTRICAL CHARACTERISTICS:

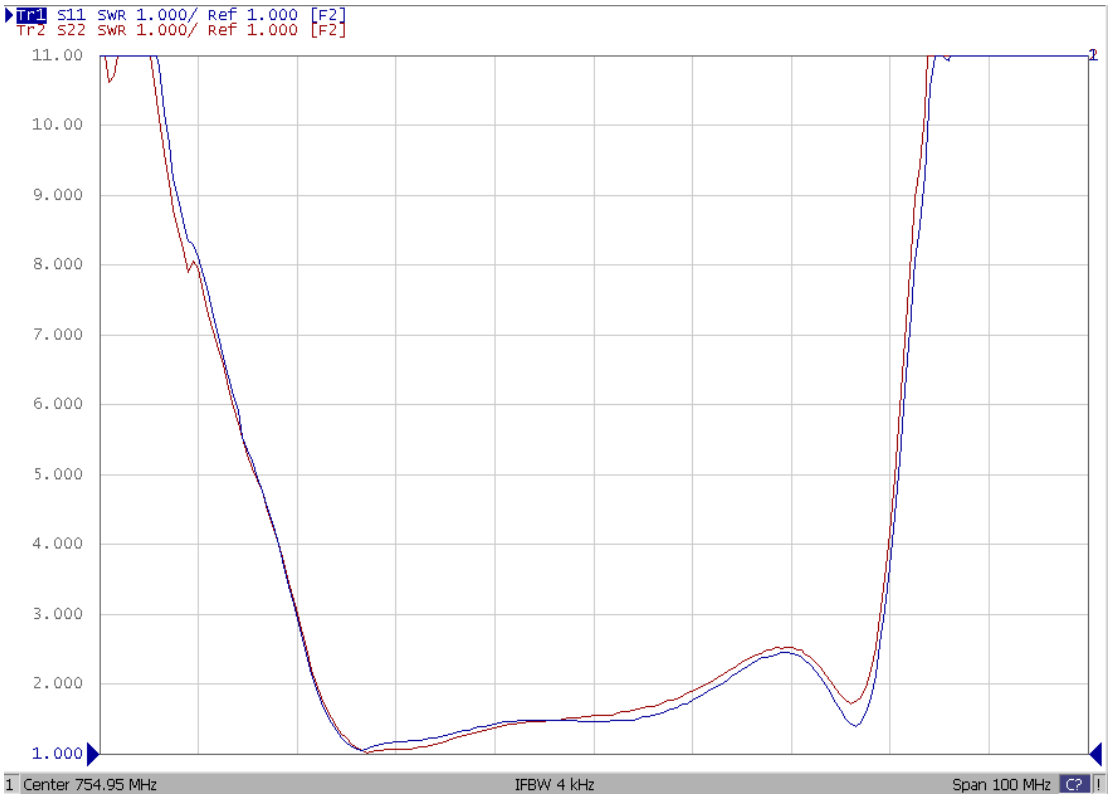
Item	Unit	Min.	Typical	Max.
Center Frequency Fc	MHz	-	754.95	-
Insertion Loss Fc+/-20MHz	dB	-	4.2	5.5
Amplitude Ripple Fc+/-20MHz	dB	-	1.0	2.5
VSWR Fc+/-20MHz		-	2.5	3
Group Delay Ripple Fc+/-20MHz	ns	-	10	-
Absolute Group Delay at Fc	ns	-	20	-
Attenuation (Reference level from 0 dB)				
DC ~ Fc-60 MHz	dB	33	39	-
Fc+40 ~ Fc+110 MHz	dB	20	25	-
Fc+110 ~ Fc+400MHz	dB	33	39	-
Temperature Coefficient of Frequency	ppm/K	-	-80	-

C. FREQUENCY CHARACTERISTICS :

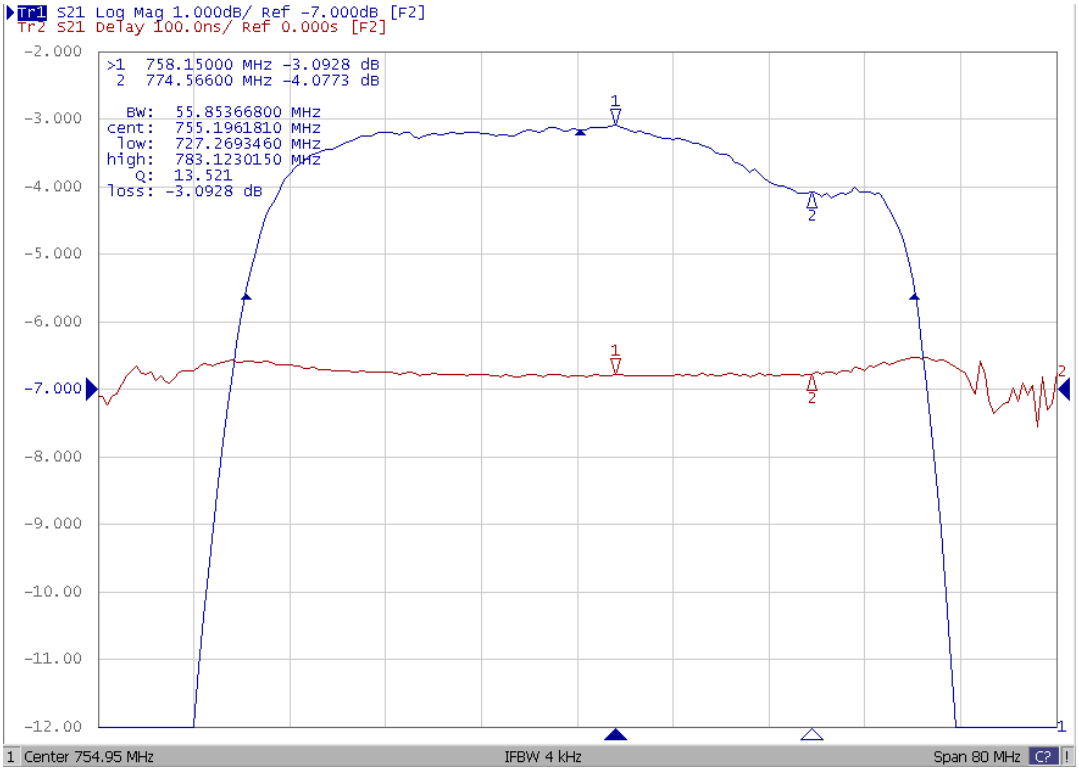
(1) Wide band Response:(span 800MHz)



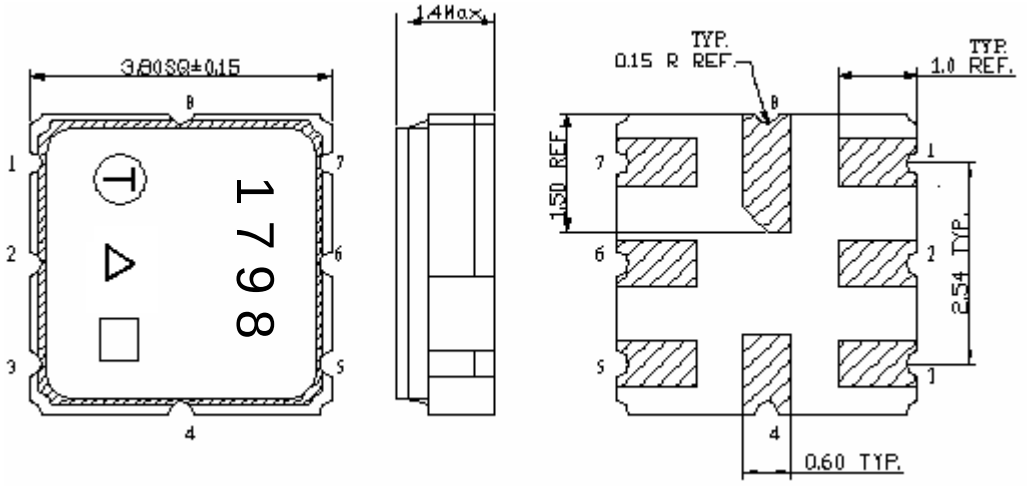
(2) VSWR:



(3) Pass band Response:(span 80MHz)



D.OUTLINE DRAWING:



2 : Input

6: Output

1,3,4,5,7,8: Ground

□ : Date Code

Unit: mm

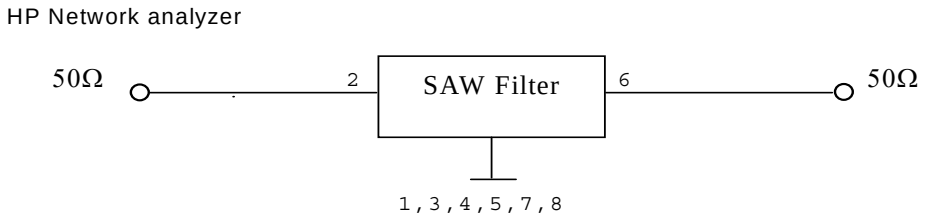
△ : Product / Year Code

Year	2013 2017	2014 2018	2015 2019	2016 2020
Product Code	A	a	A	a

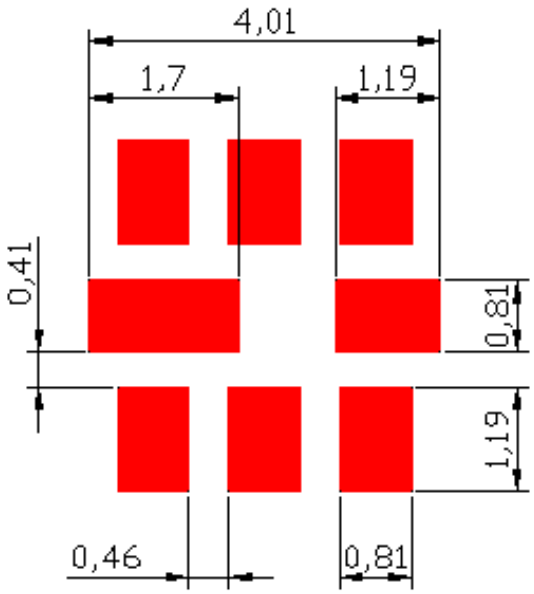
Date Code Table

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. MEASUREMENT CIRCUIT:

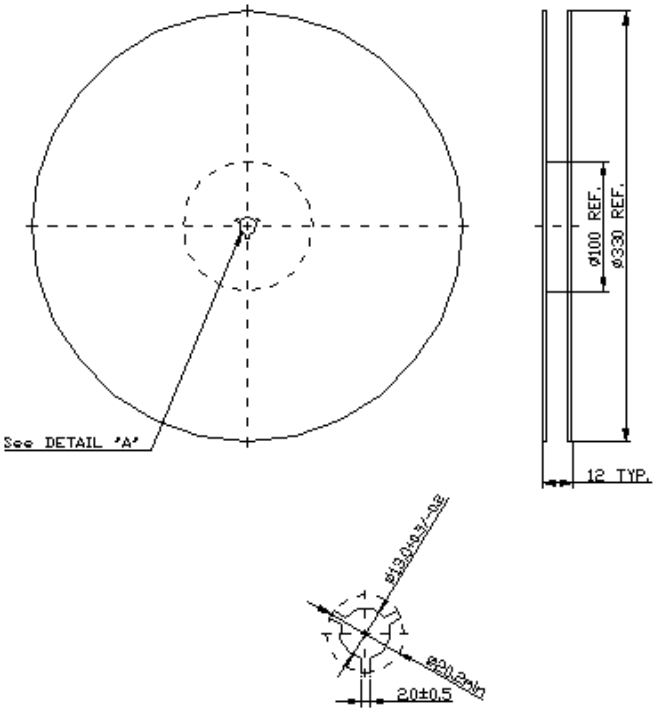


F. PCB FOOTPRINT:

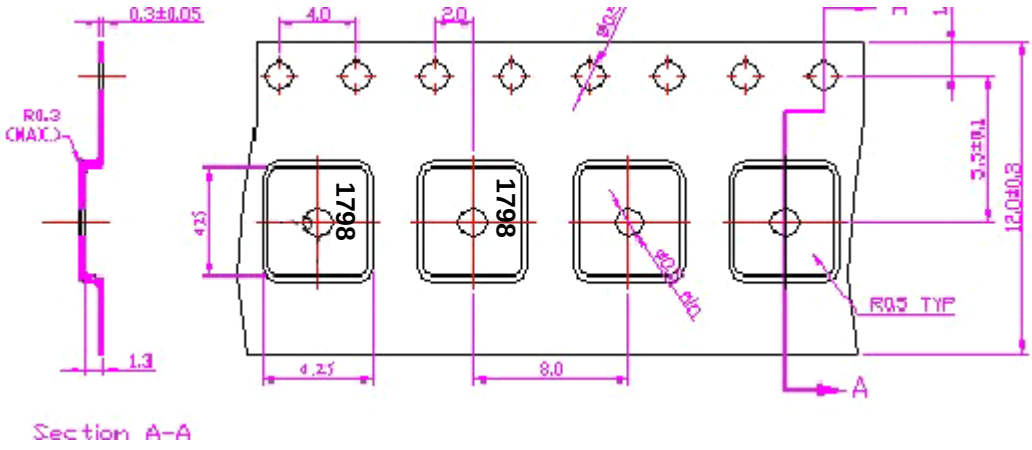


G. PACKING:

1. REEL DIMENSION (Please refer to FR-75D10 for packing quantity)



2. TAPE DIMENSION



Direction of Feed

H. RECOMMENDED REFLOW PROFILE :

