



TAI-SAW TECHNOLOGY CO., LTD.

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

Issued Date: February, 14, 2008

Product Name: SAW Filter 1795MHz SMD 3.0X3.0 mm

TST Parts No.: :TA0798A

Customer Parts No.: _____

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

Checked by: _____ Paul Ni

Approval by: _____ Francis chen

Date: _____ 02, 14, 2008



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SAW Filter 1795 MHz

MODEL NO.: TA0798A

REV. NO : 2.0

A. MAXIMUM RATING:

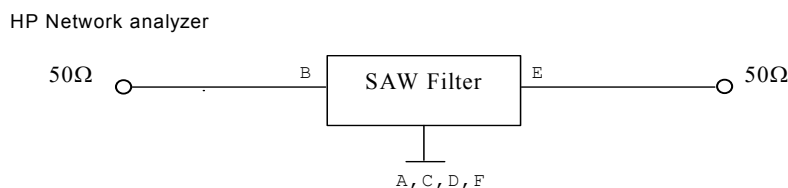
1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: : -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

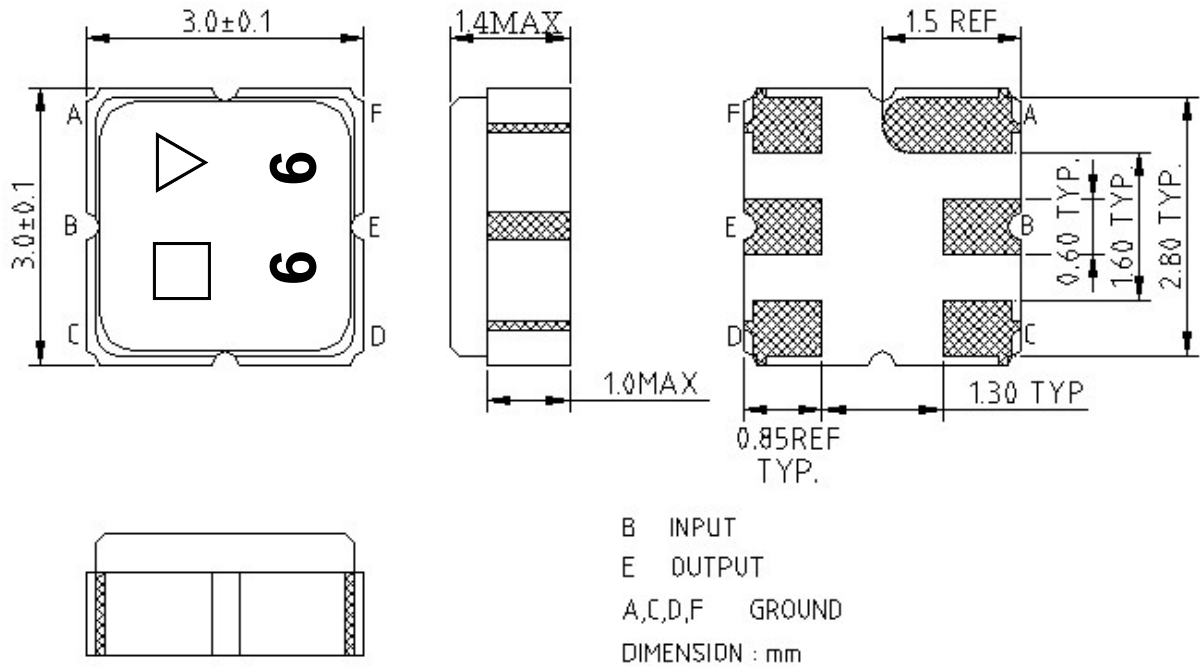
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	
Center frequency	Fc	MHz	-	1795	-
Insertion loss within 1787.5 ~1802.5 MHz	IL	dB	-	1.5	3.5
Amplitude ripple (p-p) within 1787.5 ~ 1802.5 MHz		dB	-	0.2	2.0
Group Delay (1787.5 ~ 1802.5 MHz)		ns	-	15.0	40.0
Return Loss (1787.5 ~ 1802.5 MHz)		dB	10	15	-
Attenuation (Reference level from 0 dB)					
800 ~ 1730 MHz		dB	30	37	-
1730 ~ 1740 MHz		dB	20	37	-
1740 ~ 1755 MHz		dB	6	17	-
1835 ~ 1845 MHz		dB	6	19	-
1845 ~ 2800 MHz		dB	30	41	-
Source impedance	Z _S	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:

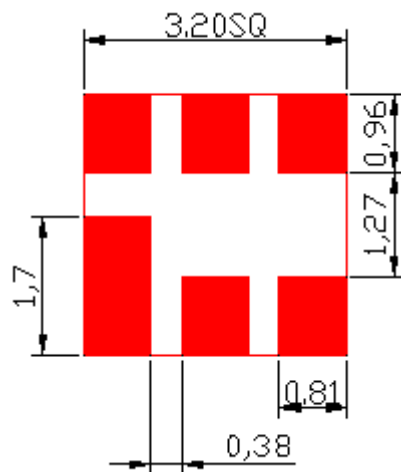


D.OUTLINE DRAWING:



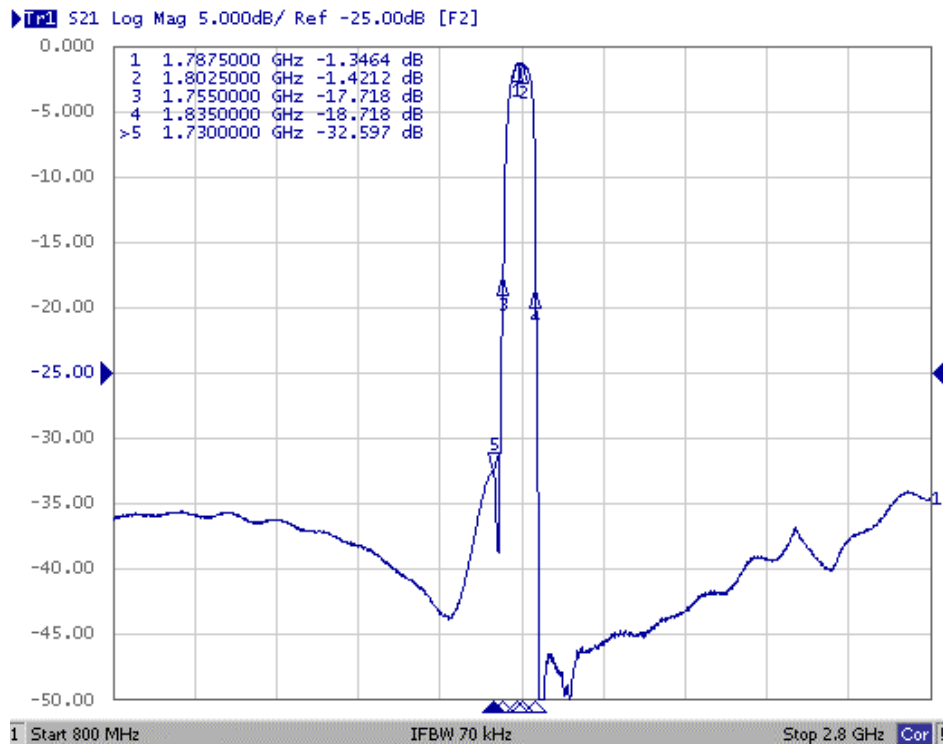
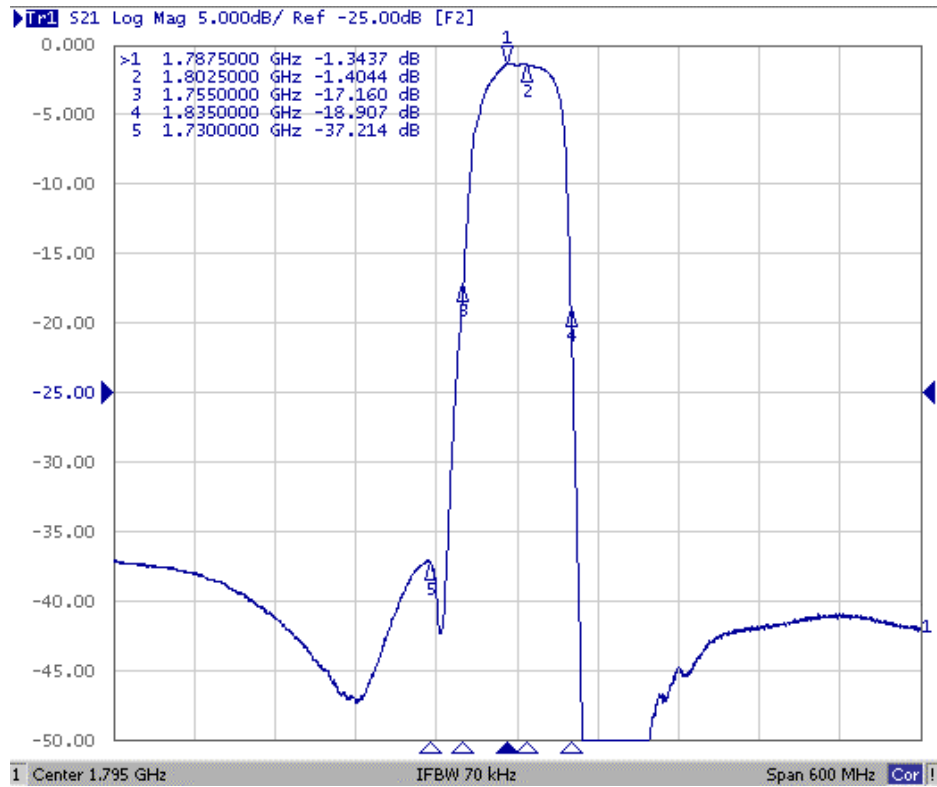
- △ : Year Code(2007→7, ... 2009→9)
- : Date Code(Follow the table from planner each year)

E. PCB Footprint :

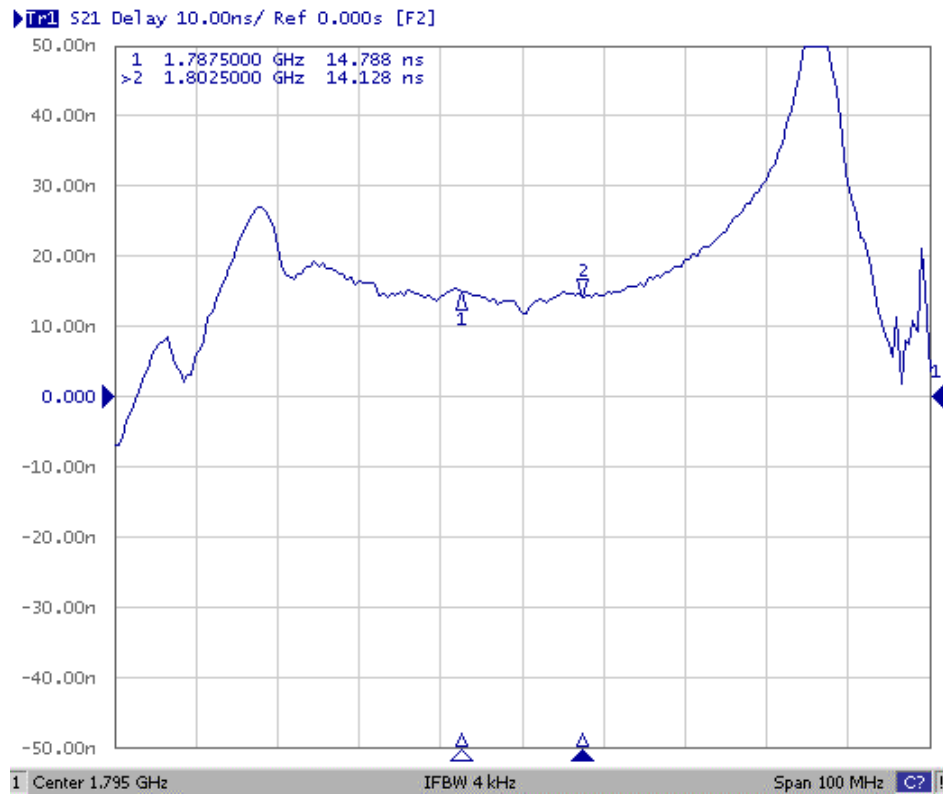


F. Frequency Characteristics :

Transfer function



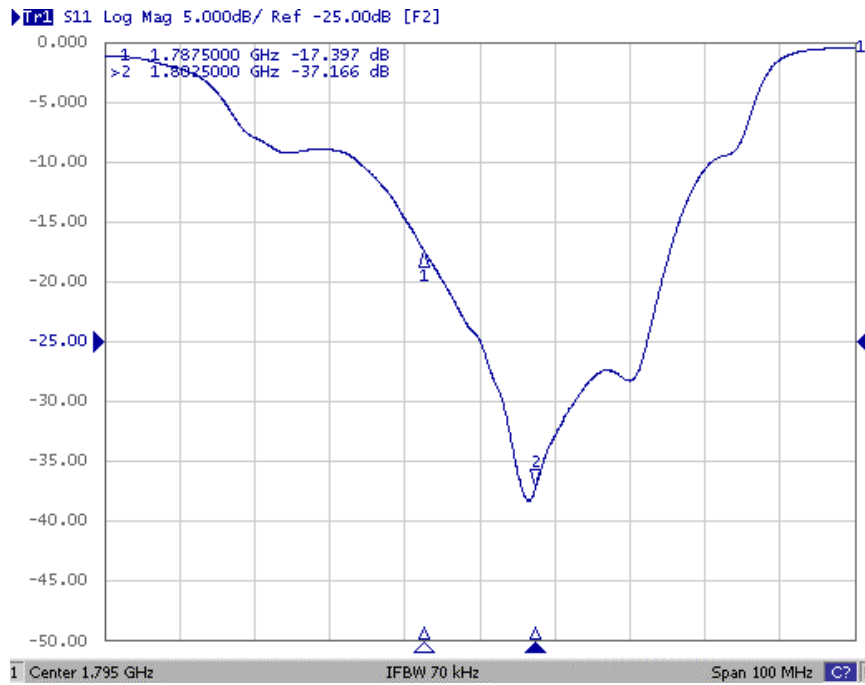
Group Delay



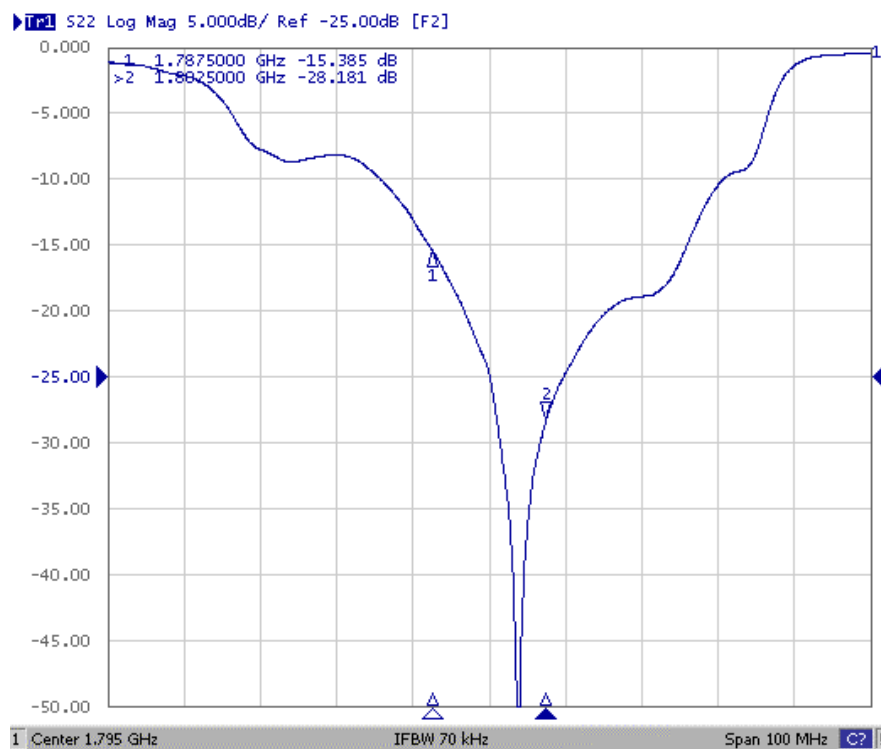
Reflection Functions :

Return Loss

S11



S22



H. RECOMMENDED REFLOW PROFILE:

