



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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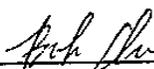
Product Specifications Approval Sheet

Product Description: SAW Filter 1910 MHz SMD 2.0X1.6 mm

TST Part No.: TA1068A

Customer Part No.: _____

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

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 8,27, 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 1910 MHz

MODEL NO.: TA1068A

REV. NO.:1.0

A. MAXIMUM RATING:

1. Input Power Level: 15 dB_m
2. DC voltage: 5 V
3. Operating Temperature: 0°C to +70°C
4. Storage Temperature: -30°C to +85°C

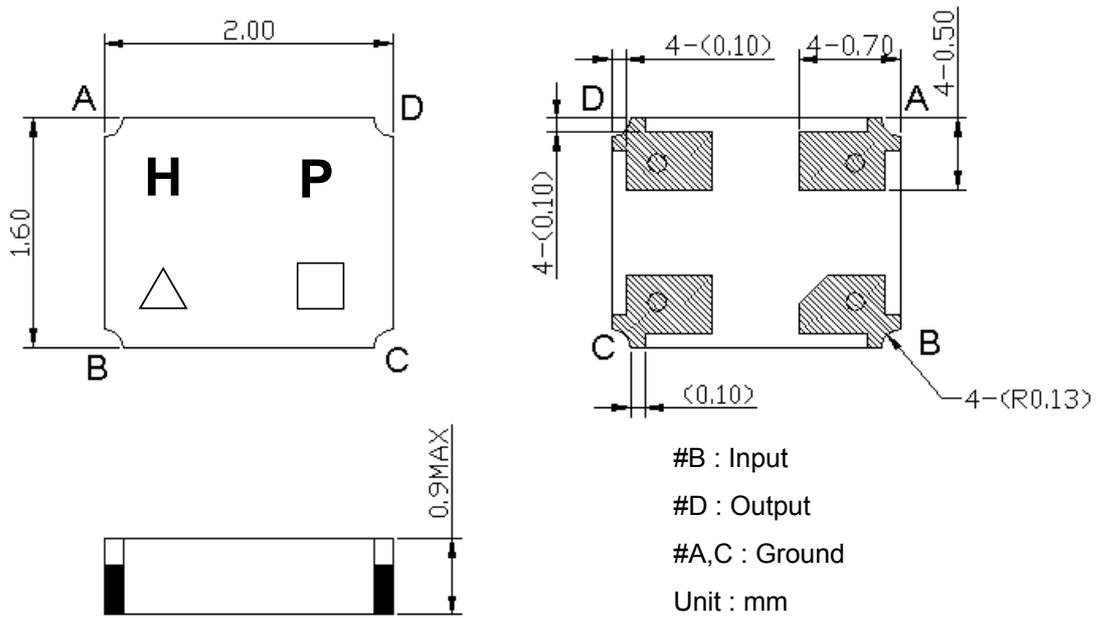
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item		Min.	Typ.	Max.
Center frequency	F_c (MHz)	-	1910	-
Min. Insertion loss	IL (dB)	-	1.2	1.8
Amplitude ripple (1900~1920 MHz)	(dB)	-	0.4	2
Attenuation (Reference level from 0 dB)				
925 ~ 1600	MHz (dB)	15	32	-
1600 ~ 1825	MHz (dB)	25	28	-
1825 ~ 1840	MHz (dB)	20	29	-
1840 ~ 1850	MHz (dB)	10	35	-
1850 ~ 1880	MHz (dB)	5	13.5	-
2040 ~ 2660	MHz (dB)	25	32	-
2660 ~ 3000	MHz (dB)	25	33	-
Return Loss (1900 ~1920 MHz)	(dB)	8	16	-
Source impedance	Z _s (Ω)	-	50	-
Load impedance	Z _L (Ω)	-	50	-

Note1. No matching network required for operation at 50 Ω

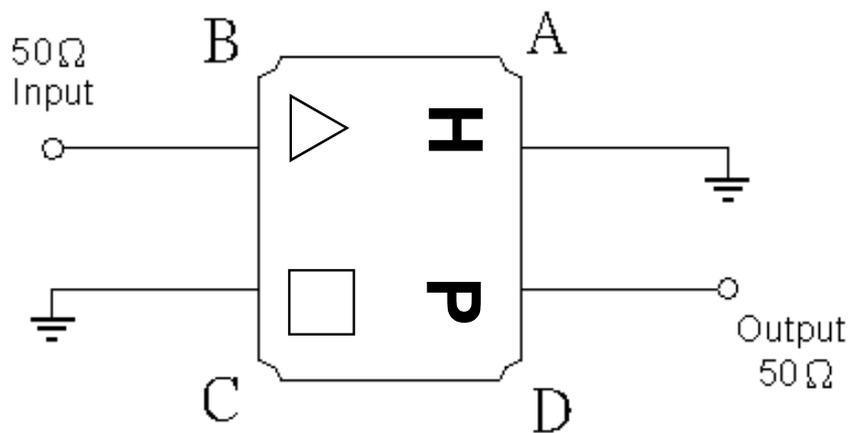
C.OUTLINE DRAWING:



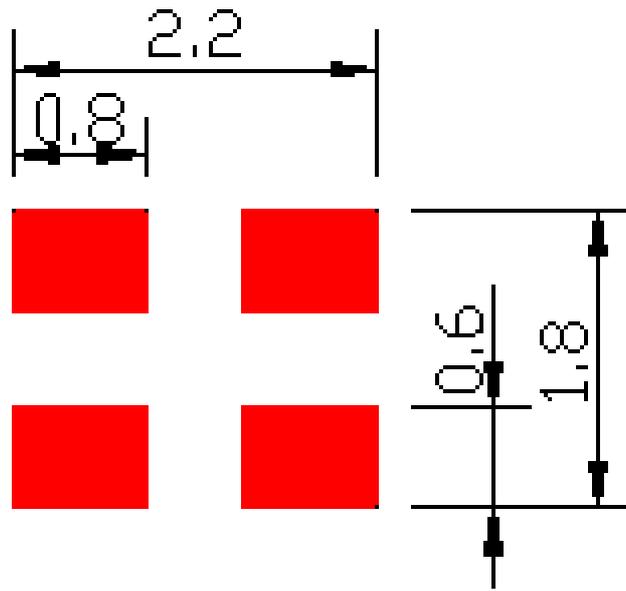
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

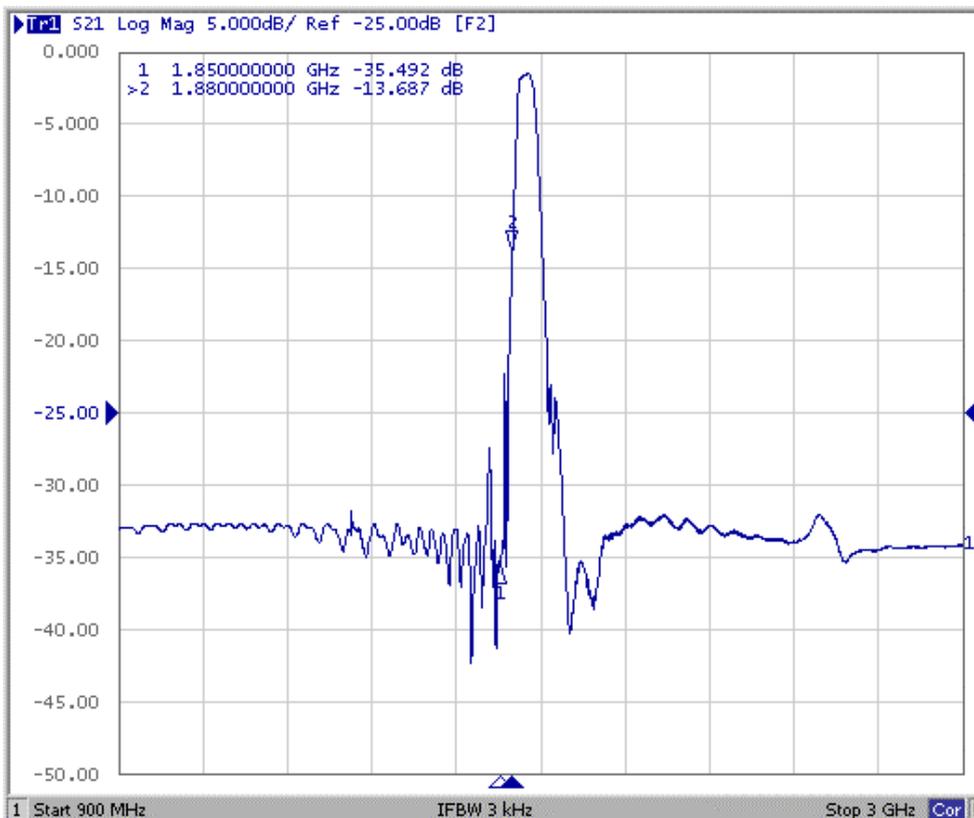
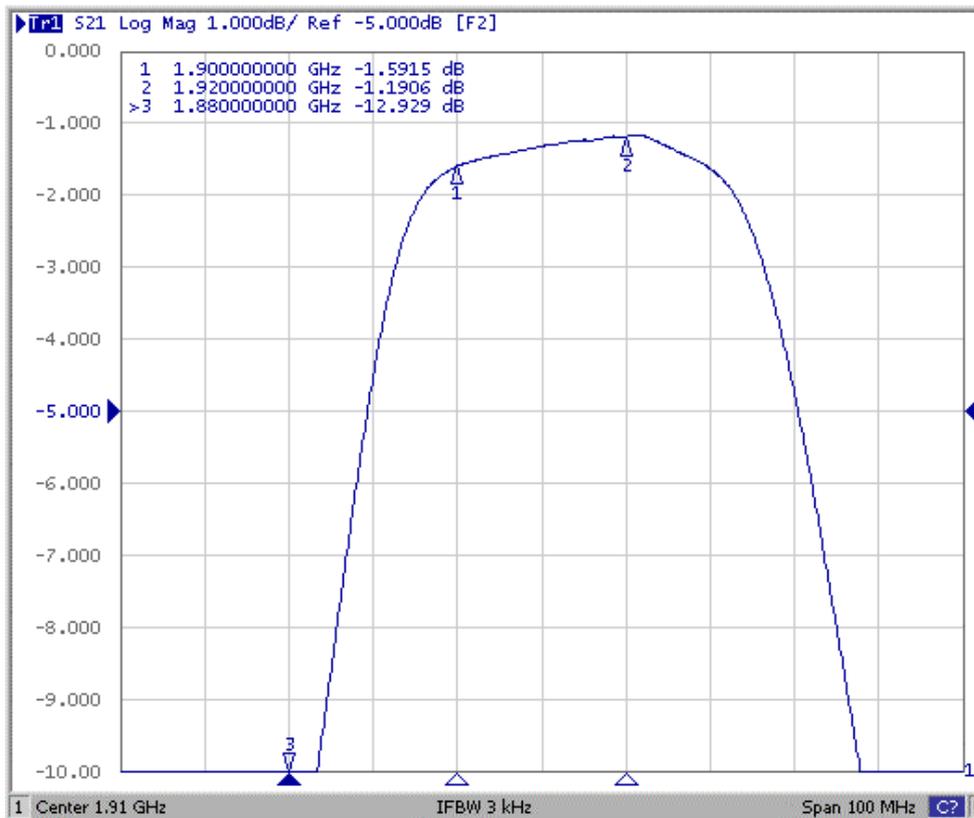
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:

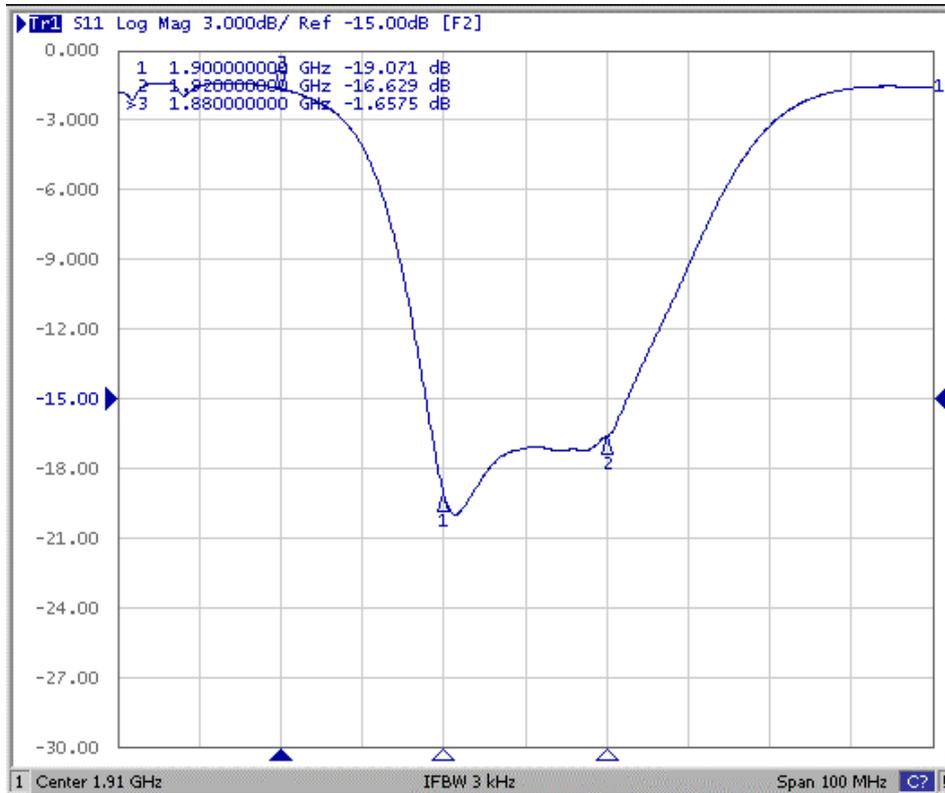


F. Frequency Characteristics : Transfer function

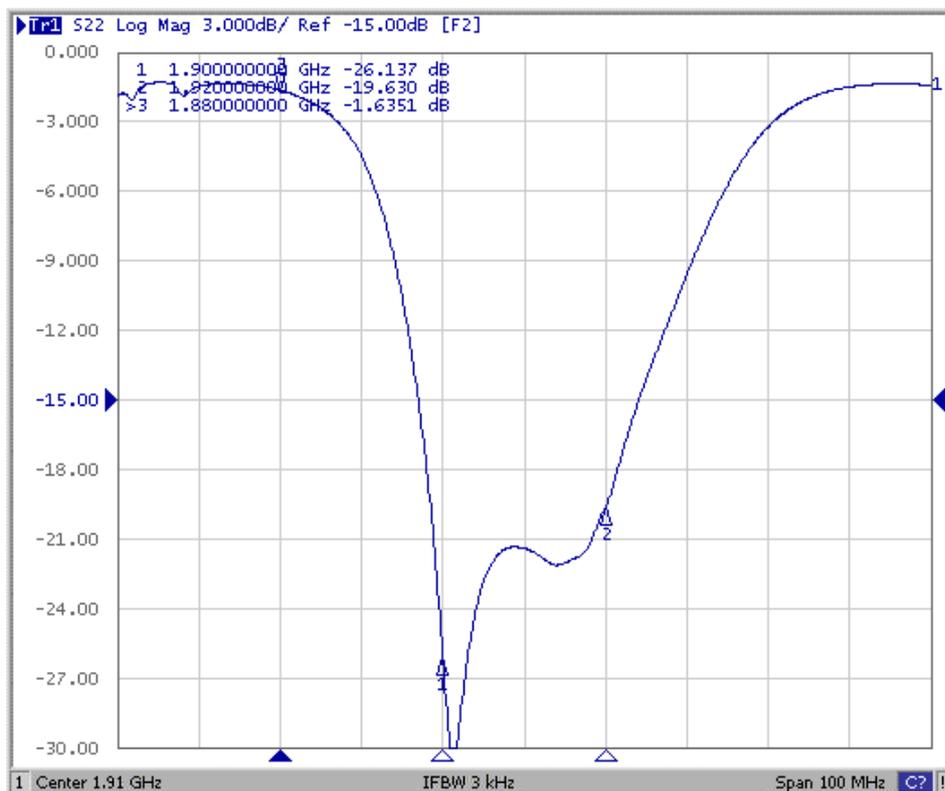


Reflections Functions :

S11 Return Loss



S22 Return Loss



H. RECOMMENDED REFLOW PROFILE :

