



TAI-SAW TECHNOLOGY CO., LTD.

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

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Approval Sheet For Product Specification

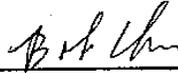
Issued Date: Jan, 23, 2009

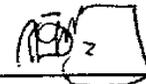
Product Name: SAW Filter 1561 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0967A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau 

Approval by: _____ Francis Chen 

Date: _____ 1, 23, 2009



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SAW Filter 1561 MHz

MODEL NO.:TA0967A

REV. NO.:1

A. MAXIMUM RATING:

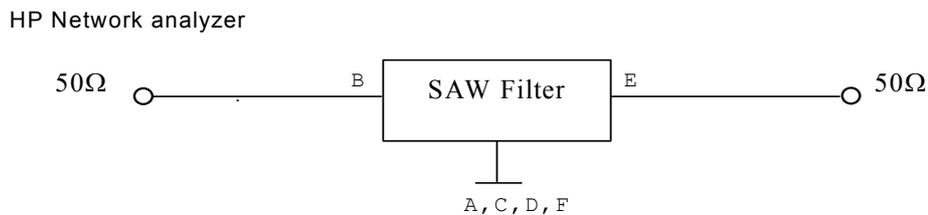
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

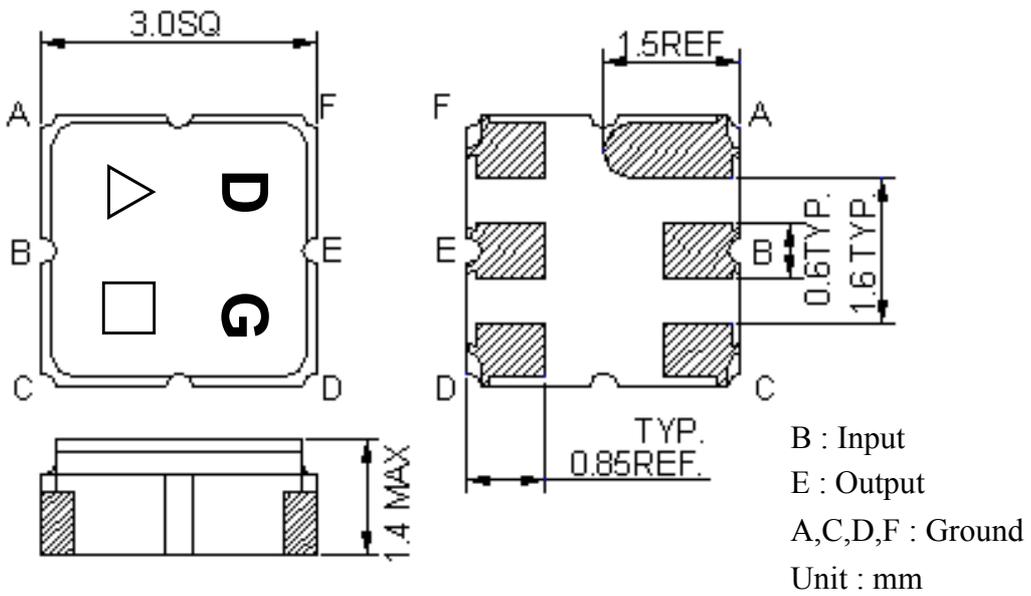
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1561	-	-
Insertion loss (1550.5~1571.5 MHz) IL	dB	-	3.3	4	-
Amplitude ripple (1550.5~1571.5 MHz)	dB	-	0.5	2	-
VSWR (1550.5~1571.5 MHz)		-	1.5	2	-
Attenuation (Reference level from 0 dB)					
Fc-500 to Fc-100 MHz	dB	45	49	-	-
Fc-100 to Fc-60 MHz	dB	40	45	-	-
Fc-60 to Fc-40 MHz	dB	20	32.5	-	-
Fc+40 to Fc+60 MHz	dB	20	26	-	-
Fc+60 to Fc+80 MHz	dB	35	43	-	-
Fc+80 to Fc+500 MHz	dB	45	50	-	-

C. MEASUREMENT CIRCUIT:



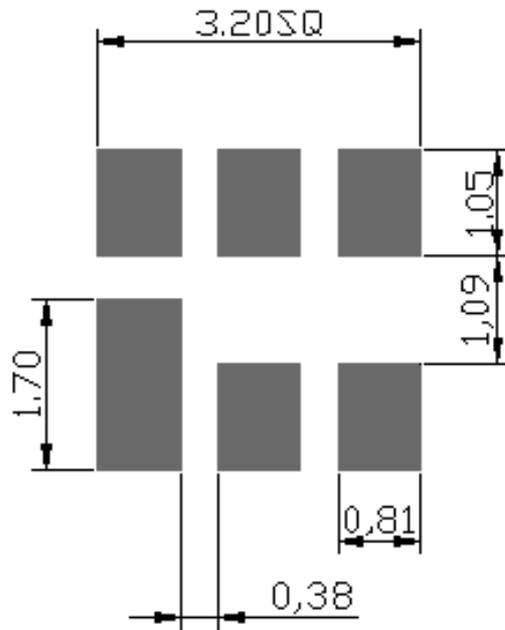
D.OUTLINE DRAWING:



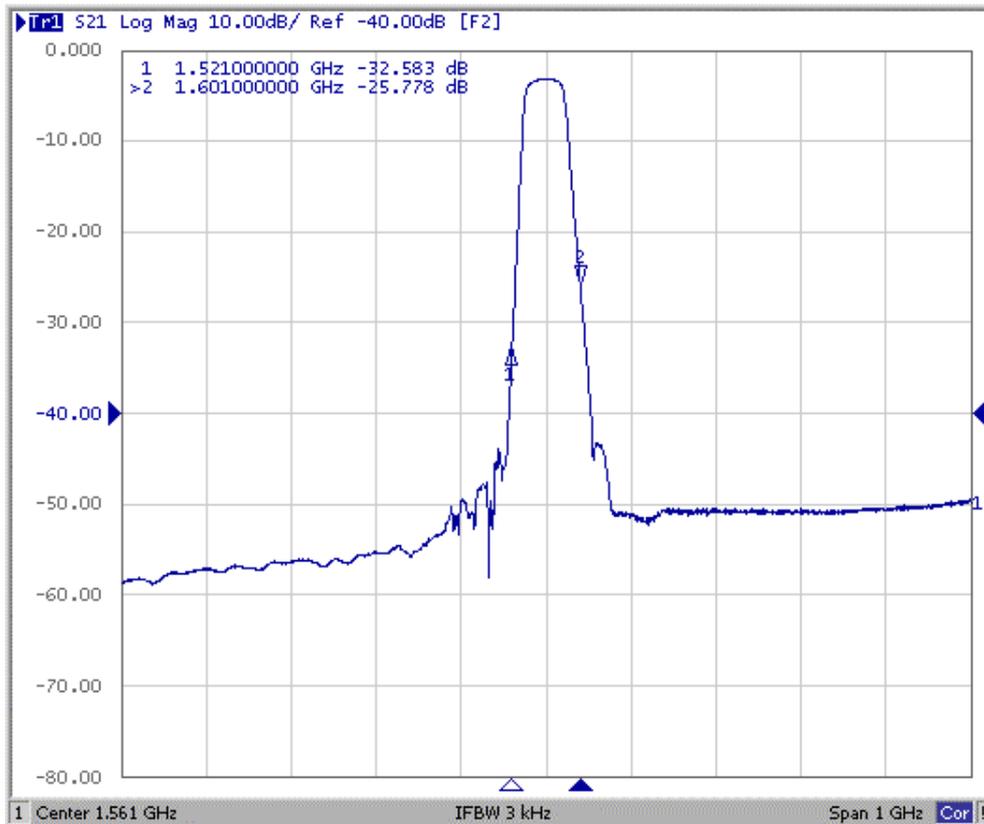
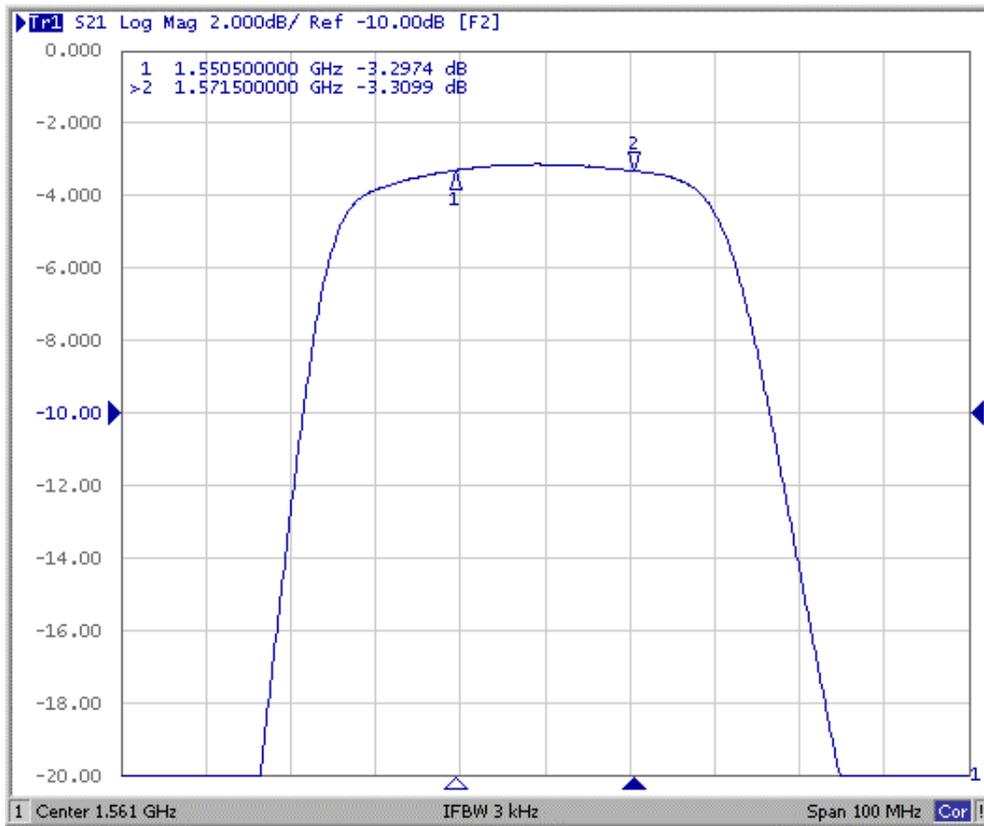
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

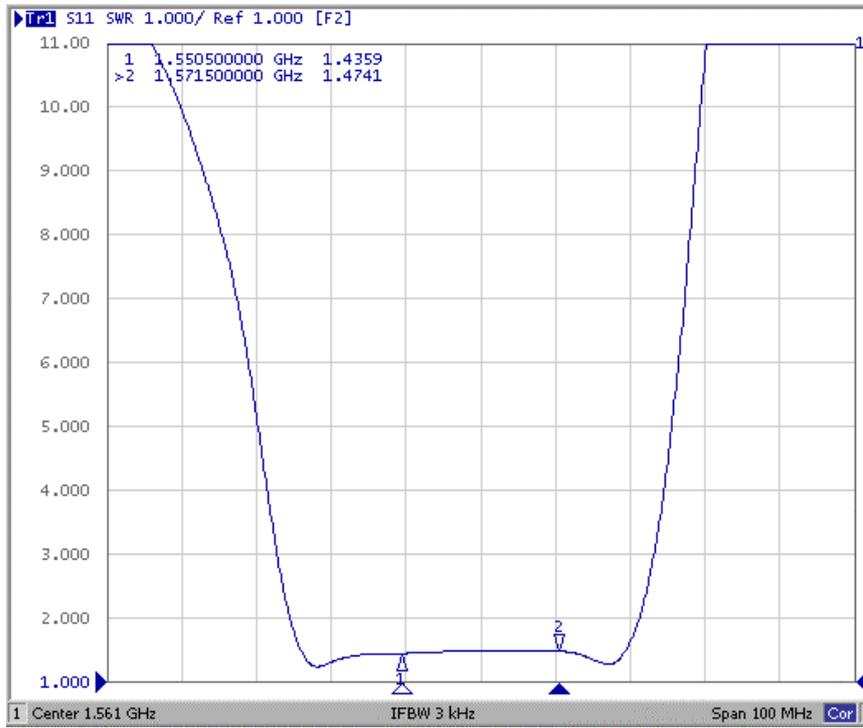


F. Frequency Characteristics :

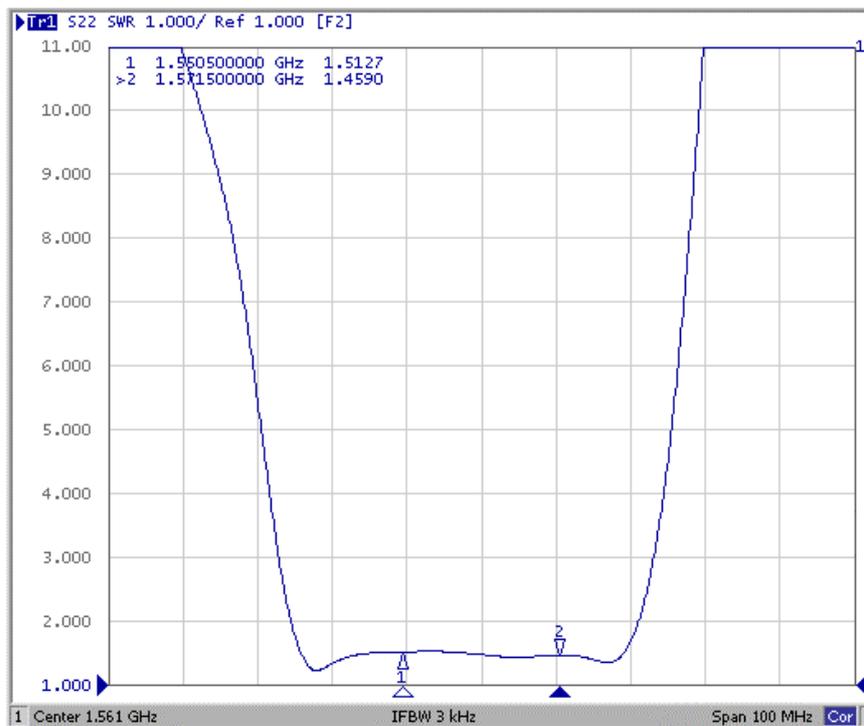


Reflection Functions :

S11



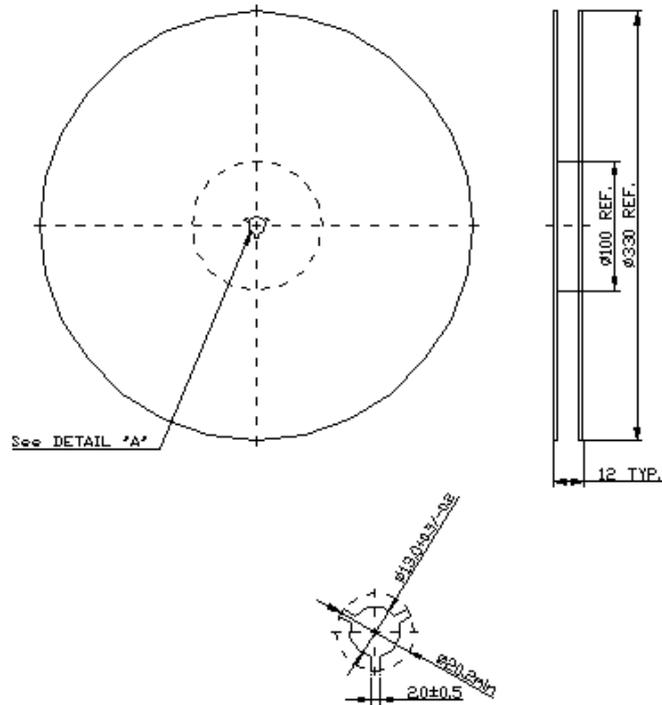
S22



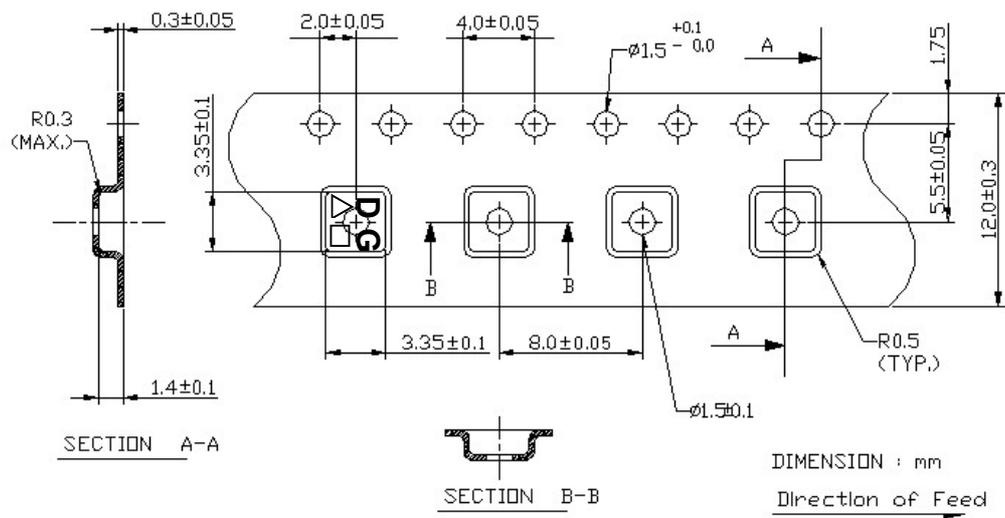
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

