



# 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](mailto:tstsales@mail.taisaw.com) Web: [www.taisaw.com](http://www.taisaw.com)

## Approval Sheet For Product Specification

Issued Date: Jan, 13, 2009

Product Name: SAW Filter 1030 MHz SMD 3.8X3.8 mm

TST Parts No.: TA0690A

Customer Parts No.: \_\_\_\_\_

Company: \_\_\_\_\_

Division: \_\_\_\_\_

Approved by : \_\_\_\_\_

Date: \_\_\_\_\_

Checked by: \_\_\_\_\_ Anne Chen 

Approval by: \_\_\_\_\_ Francis Chen 

Date: \_\_\_\_\_ 1, 13, 2009



# 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](mailto:tstsales@mail.taisaw.com) Web: [www.taisaw.com](http://www.taisaw.com)

## SAW Filter 1030MHz

MODEL NO.:TA0690A

REV. NO.:3

### A. MAXIMUM RATING:

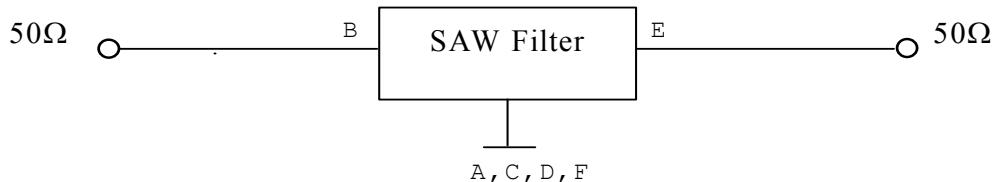
1. Input Power Level: 20 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

### B. ELECTRICAL CHARACTERISTICS:

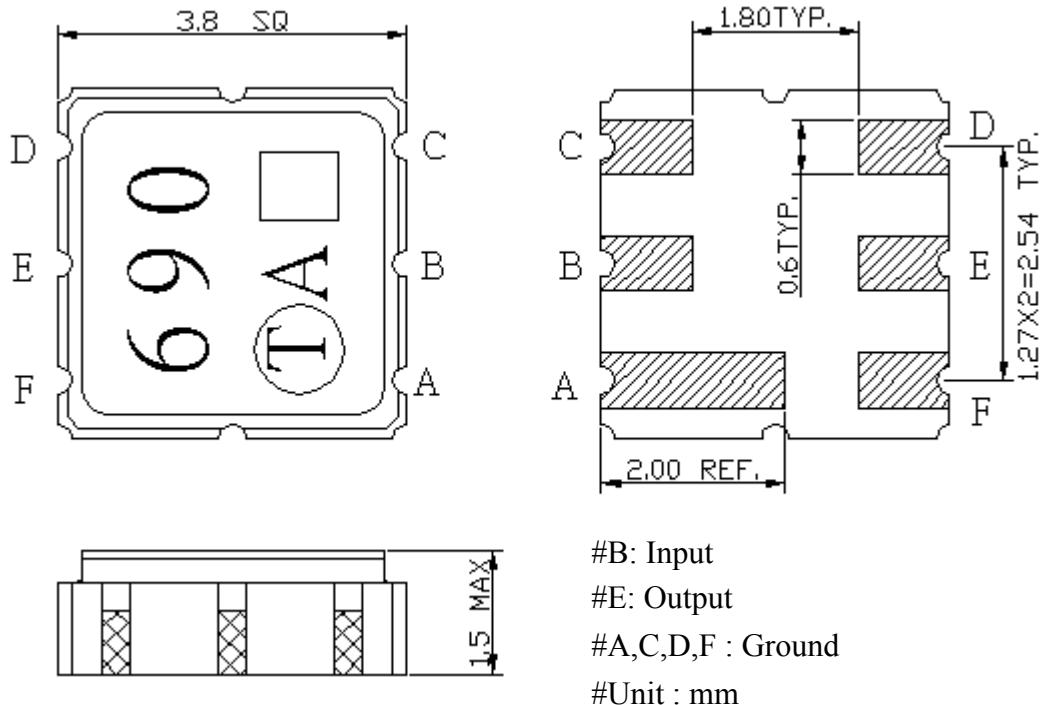
Item	Unit	Min.	Type.	Max.	Note
<b>Center Frequency</b> <b>F<sub>c</sub></b>	MHz	-	1030	-	-
<b>Insertion Loss</b> ( 1015~ 1045 MHz ) <b>IL</b>	dB	-	2.4	3.0	-
<b>Amplitude Ripple</b> (1025 ~1035 MHz )	dB	-	0.1	1.0	-
<b>VSWR</b> ( 1015~ 1045 MHz )		-	1.6	2.1	-
<b>Attenuation</b> (Reference level from 0 dB)					
D.C ~ 910                    MHz	dB	25.0	28	-	-
1090 ~ 1300                    MHz	dB	25.0	31	-	-

### C. MEASUREMENT CIRCUIT:

HP Network analyzer

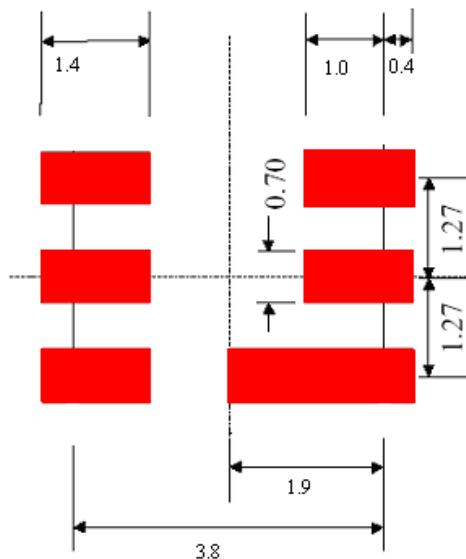


#### D. OUTLINE DRAWING:

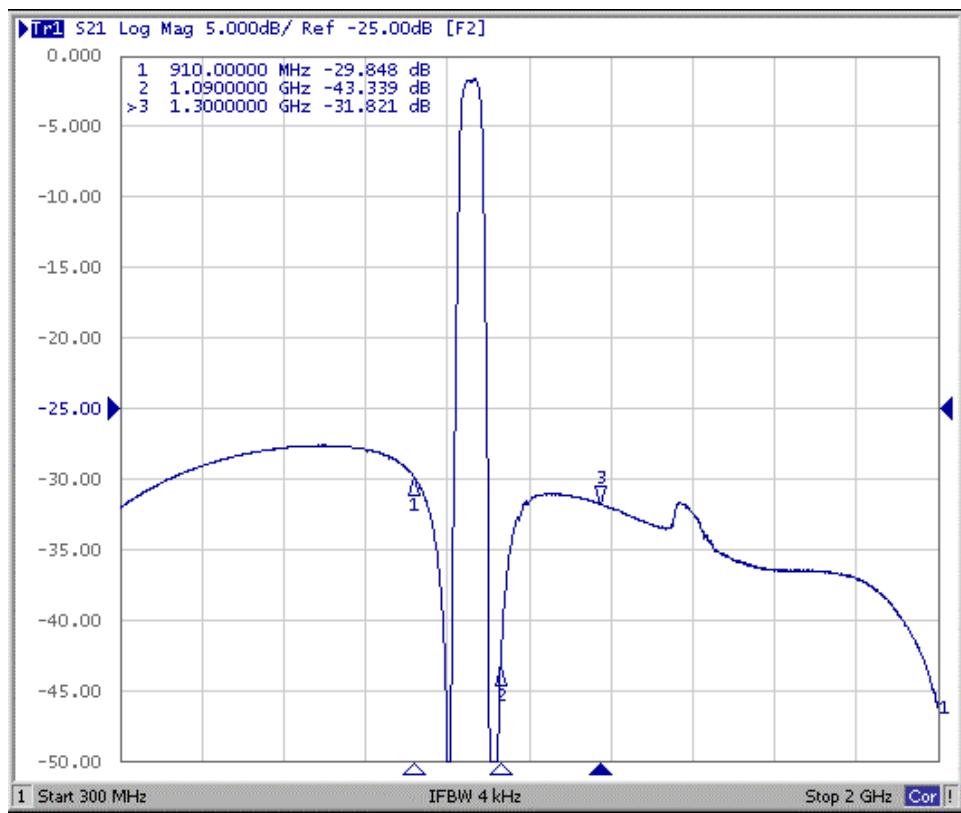
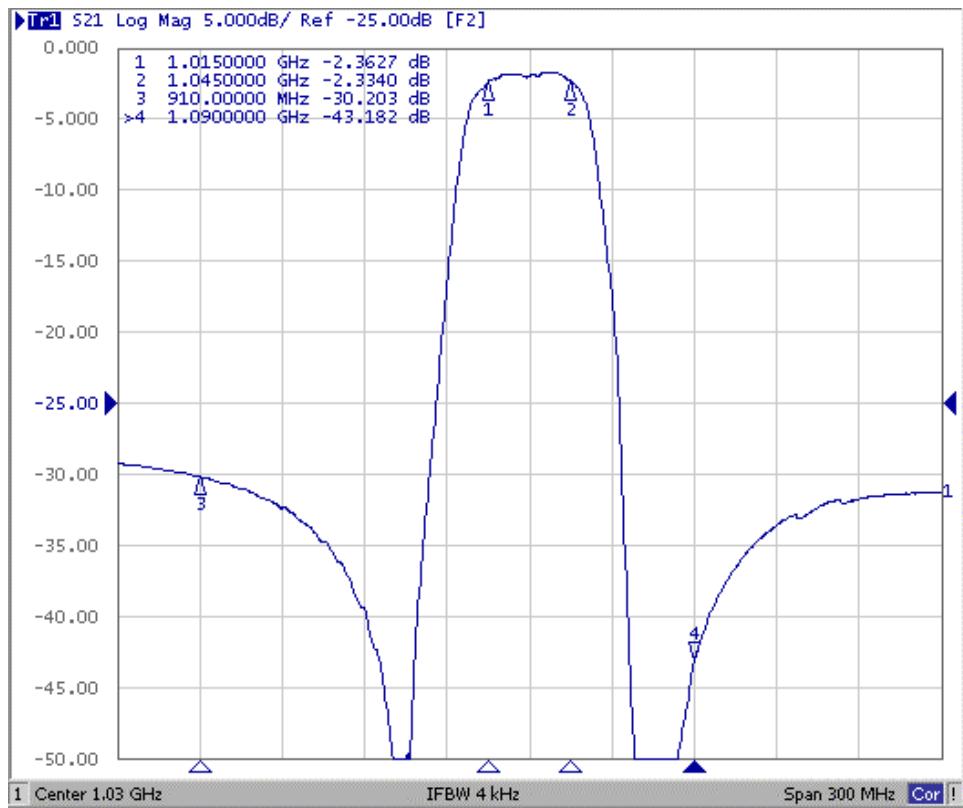


: Date Code (Follow the table from planner each year)

#### E. PCB Footprint:

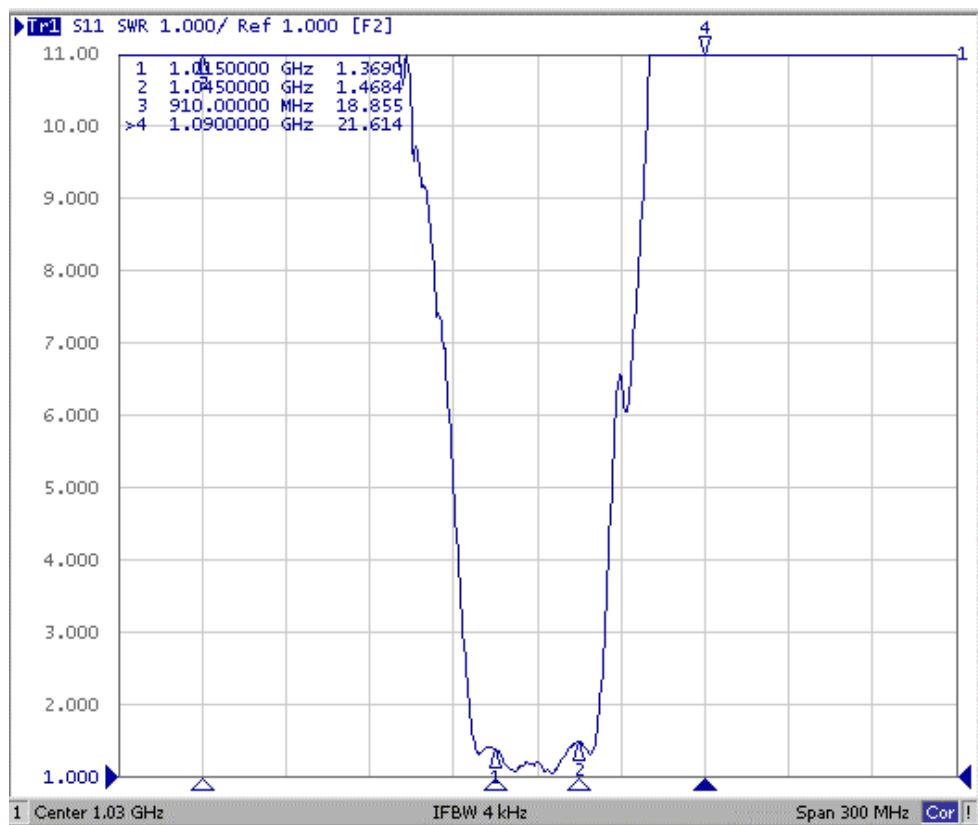


## F. Frequency Characteristics :

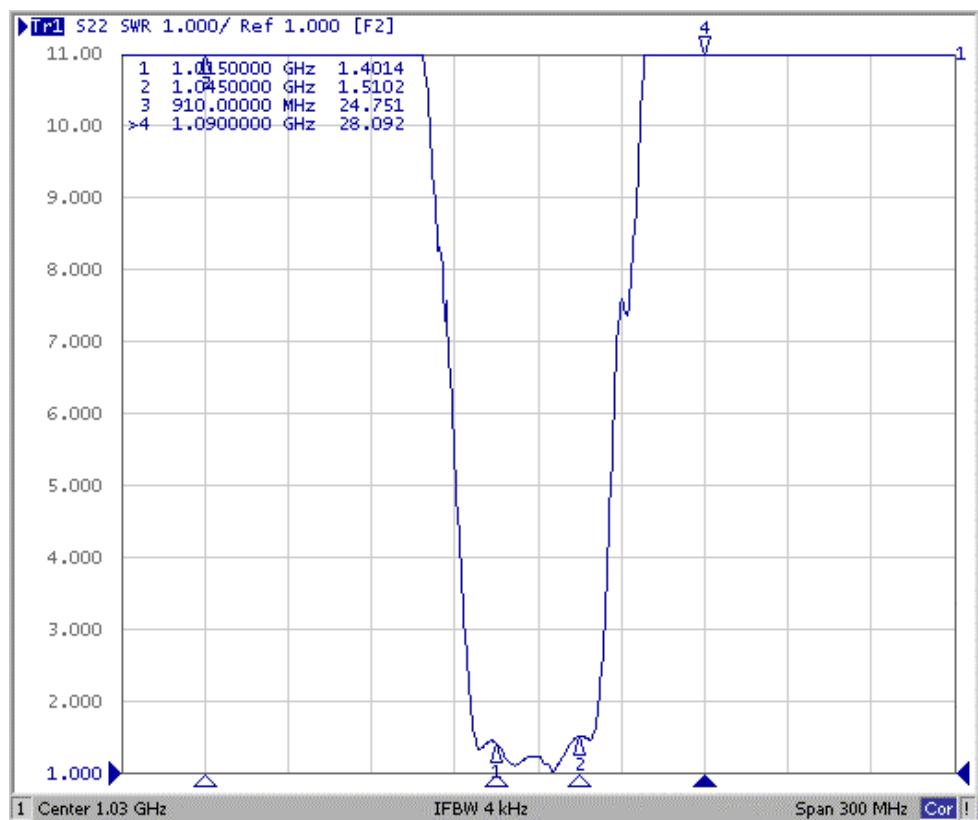


## Reflection Functions :

S11

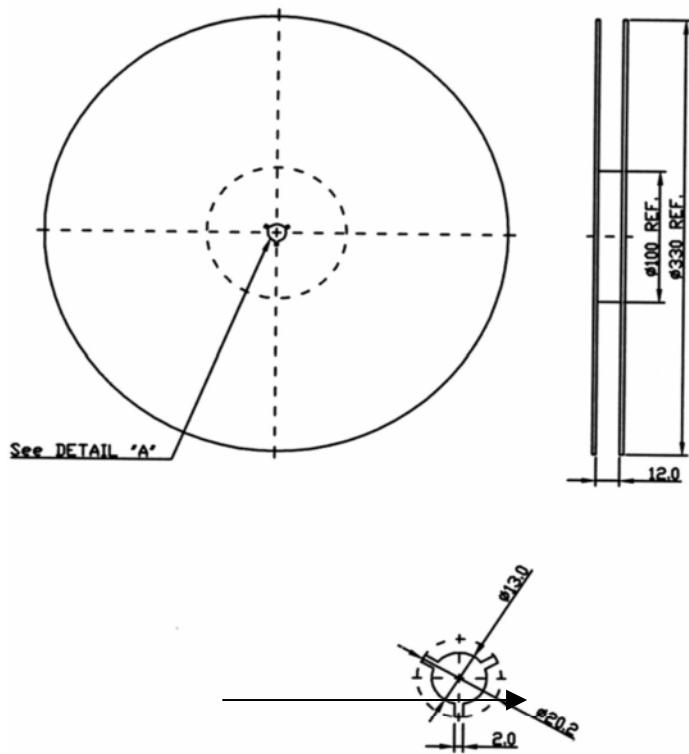


S22

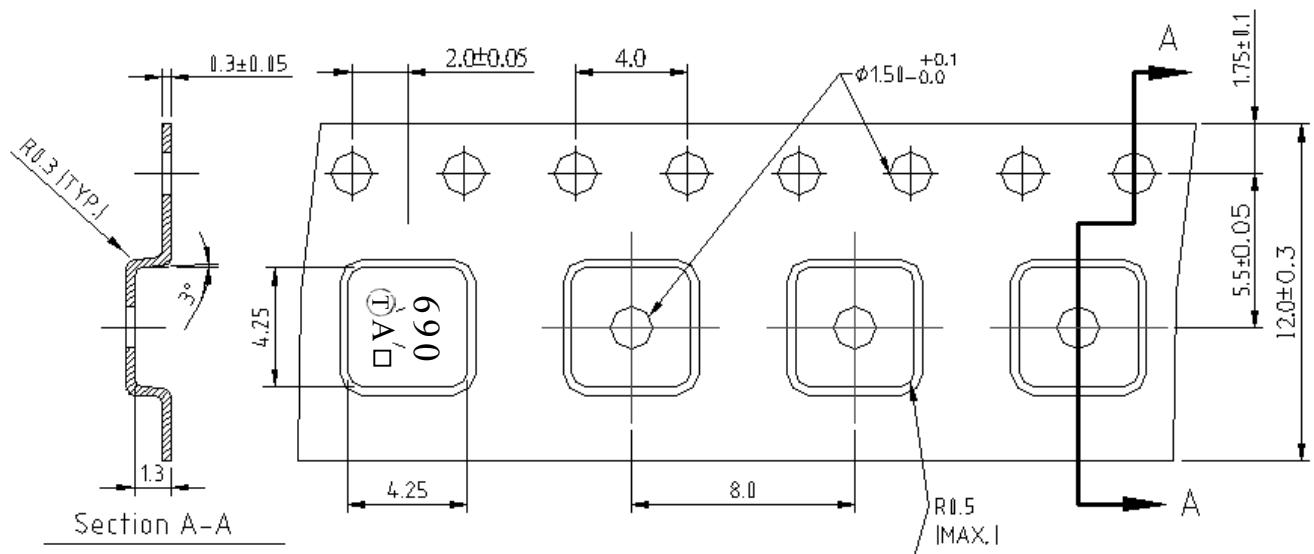


## G. PACKING:

### 1. REEL DIMENSION (Reel Count : 7"=1000 ; 13"=3000 )



### 2.TAPE DIMENSION



#### **H. RECOMMENDED REFLOW PROFILE :**

