



# 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: Dec, 25, 2008

Product Name: SAW Filter 554 MHz SMD 5.0X5.0 mm

TST Parts No.: TA0960A

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

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

Checked by: \_\_\_\_\_ Bob Chau *Bob Chau*

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

Date: \_\_\_\_\_ 12, 25, 2008



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## SAW Filter 554 MHz

MODEL NO.:TA0960A

REV. NO.:1

### A. MAXIMUM RATING:

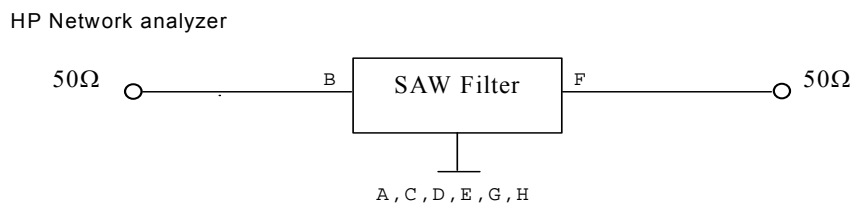
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

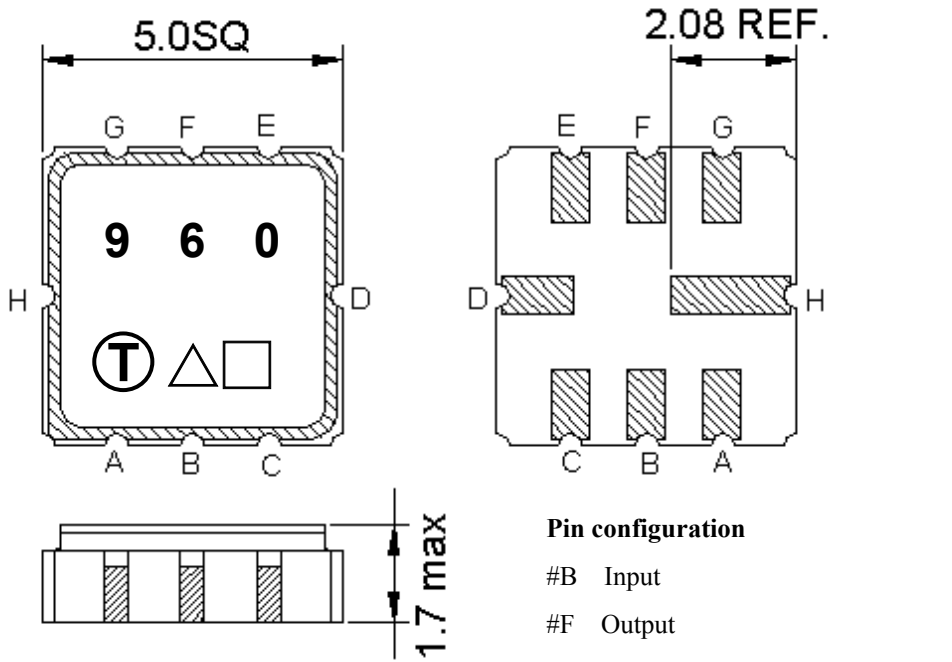
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency <b>F<sub>c</sub></b>	MHz	-	554	-	-
Insertion loss (548~560MHz) <b>IL</b>	dB	-	1.5	4.5	-
Amplitude Ripple (548 ~ 560 MHz)	dB	-	0.7	2	-
Group Delay Variation (548~560 MHz)	ns	-	32	45	-
<b>Attenuation</b> (Reference level from 0 dB)					
0 ~ 513 MHz	dB	35	38	-	-
513 ~ 520 MHz	dB	30	42	-	-
580 ~ 602 MHz	dB	30	43	-	-
610 ~ 640 MHz	dB	35	41	-	-
665 ~ 715 MHz	dB	35	40	-	-
715 ~ 1000 MHz	dB	36	40	-	-
1000 ~ 1500 MHz	dB	25	44	-	-
Temperature Coefficient of Frequency	Ppm/°C	-	-35	-	-

### C. MEASUREMENT CIRCUIT:



**D.OUTLINE DRAWING:**

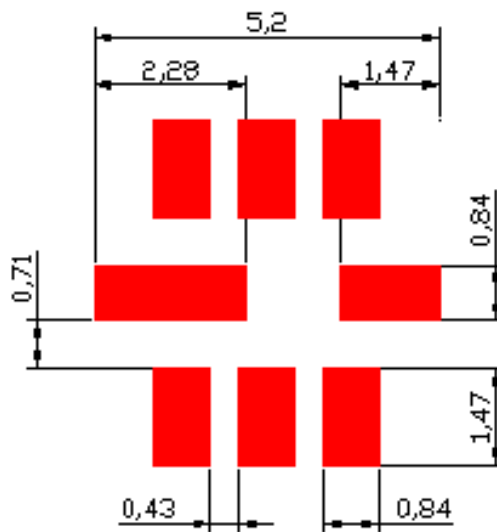


△ : Product / Year Code

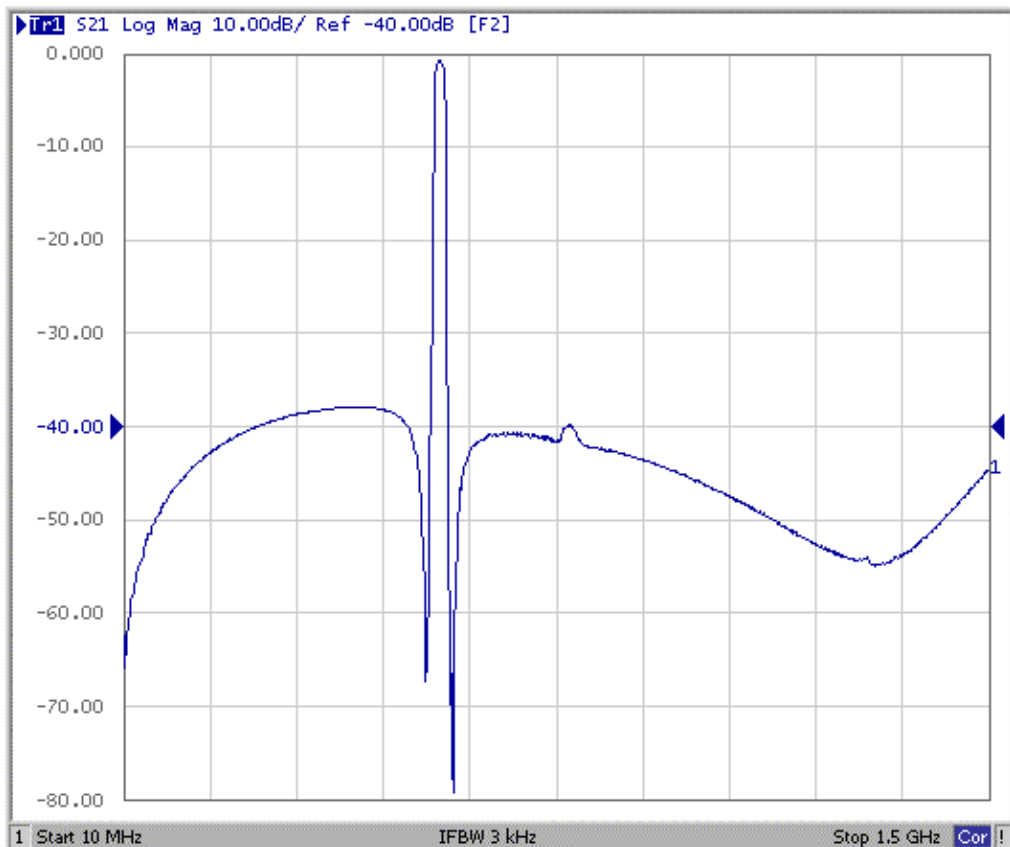
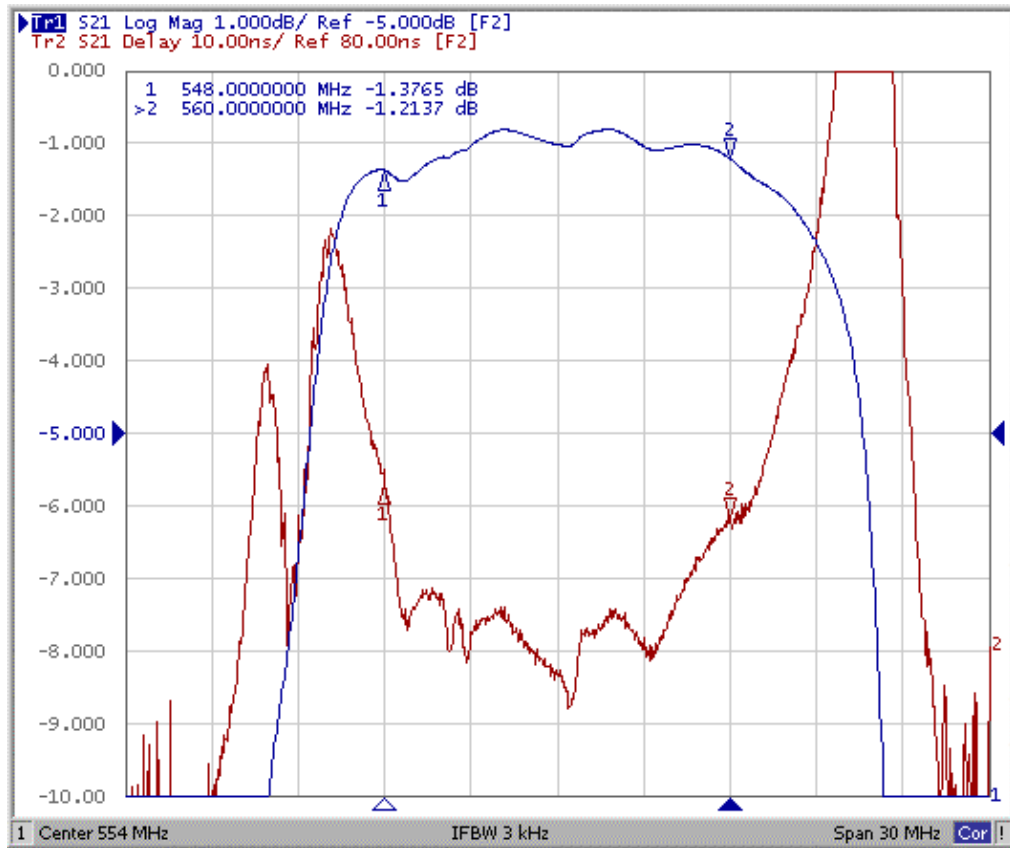
Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	A	a	<u>A</u>	<u>a</u>

Unit mm

**E. PCB Footprint:**



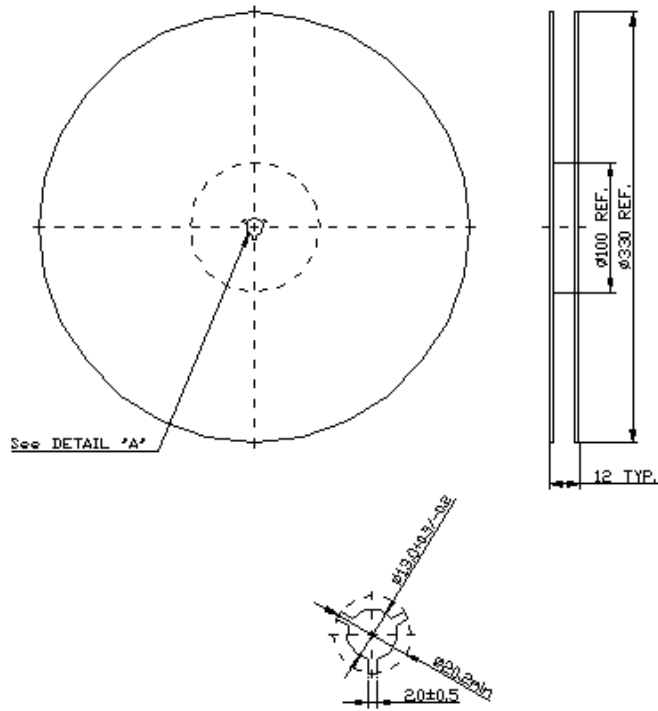
## F. Frequency Characteristics :



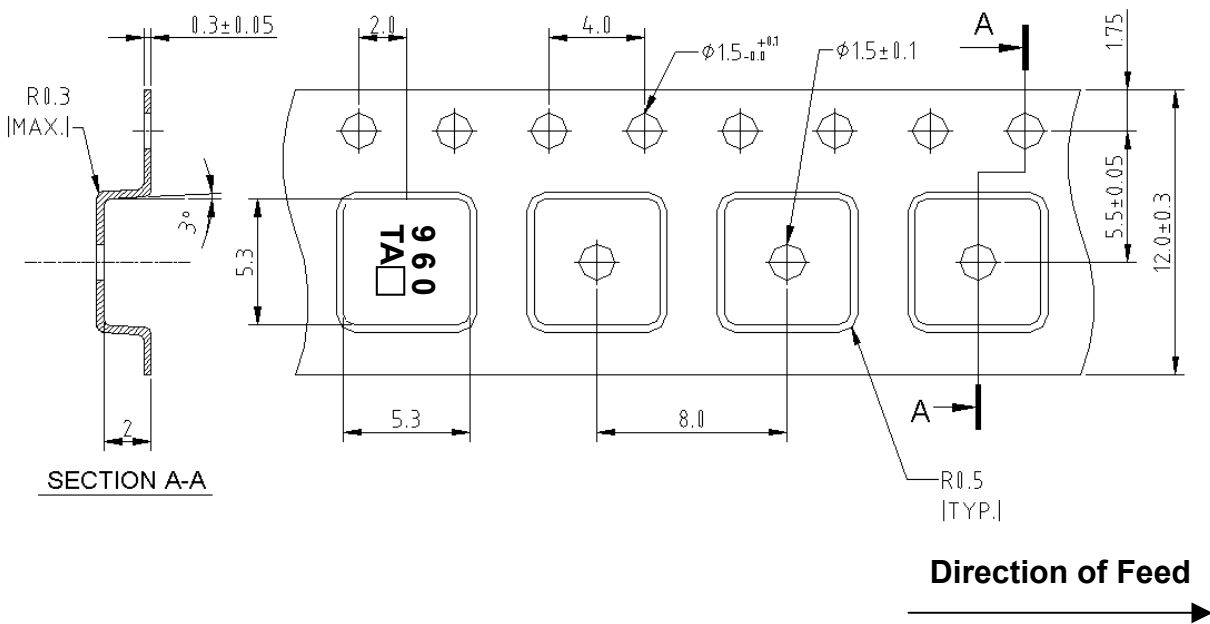
**G. PACKING:**

**1. REEL DIMENSION**

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



**2. TAPE DIMENSION**



**H. RECOMMENDED REFLOW PROFILE :**

