



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: Dec, 25, 2008

Product Name: SAW Filter 584 MHz SMD 5.0X5.0 mm

TST Parts No.: TA0961A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau *Bob Chau*

Approval by: _____ Francis Chen *[Signature]*

Date: _____ 12, 25, 2008



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SAW Filter 584 MHz

MODEL NO.:TA0961A

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

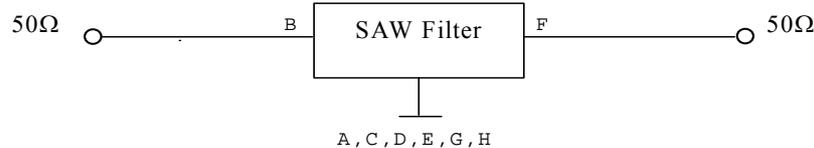
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

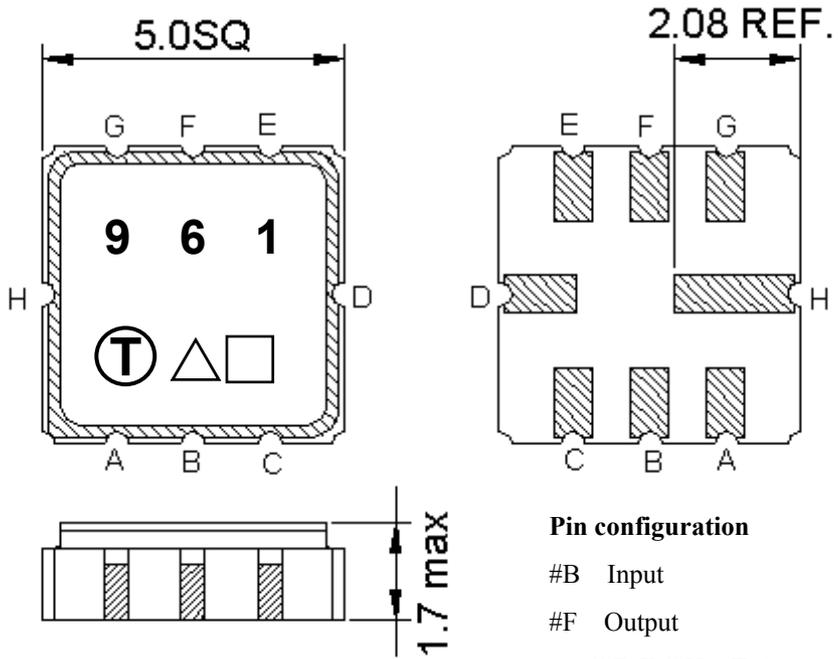
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency F_c	MHz	-	584	-	-
Insertion loss (578~590MHz) IL	dB	-	1.6	4.5	-
Amplitude Ripple (578 ~ 590 MHz)	dB	-	0.7	2	-
Group Delay Variation (578~590 MHz)	ns	-	33	45	-
Attenuation (Reference level from 0 dB)					
0 ~ 543 MHz	dB	35	38	-	-
543 ~ 550 MHz	dB	30	44	-	-
608 ~ 625 MHz	dB	30	44	-	-
625 ~ 650 MHz	dB	35	41	-	-
667 ~ 717 MHz	dB	35	40	-	-
717 ~ 1000 MHz	dB	36	40	-	-
1000 ~ 1500 MHz	dB	25	45	-	-
Temperature Coefficient of Frequency	Ppm/°C	-	-35	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



Pin configuration

#B Input

#F Output

#A,C,D,E,G,H To be grounded

△ Year code

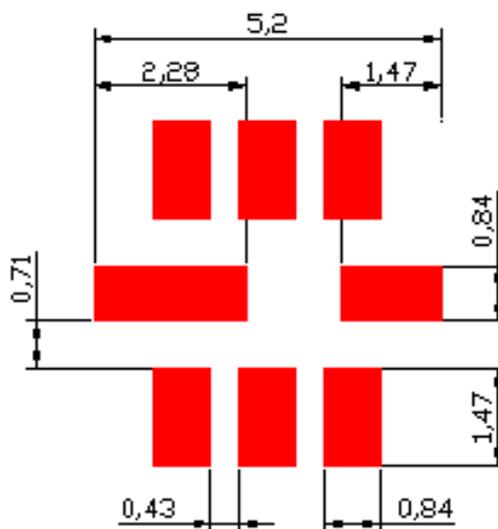
□ Date code (W01->A,...W52->z)

Unit mm

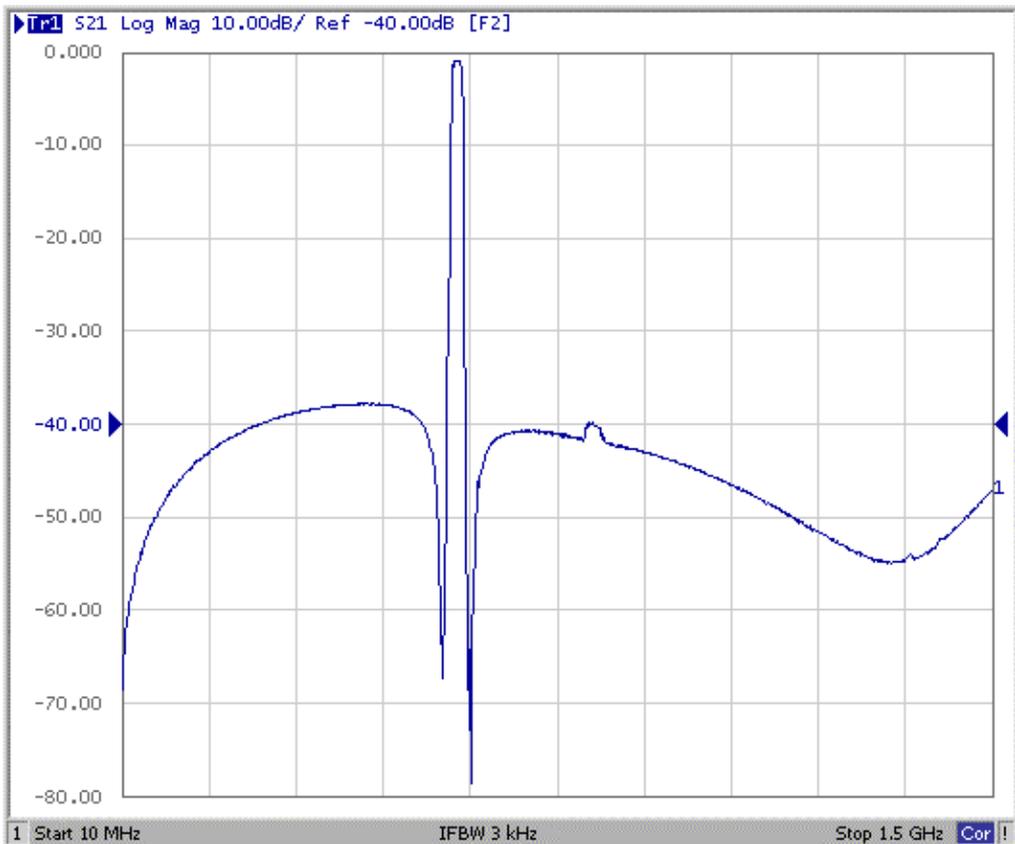
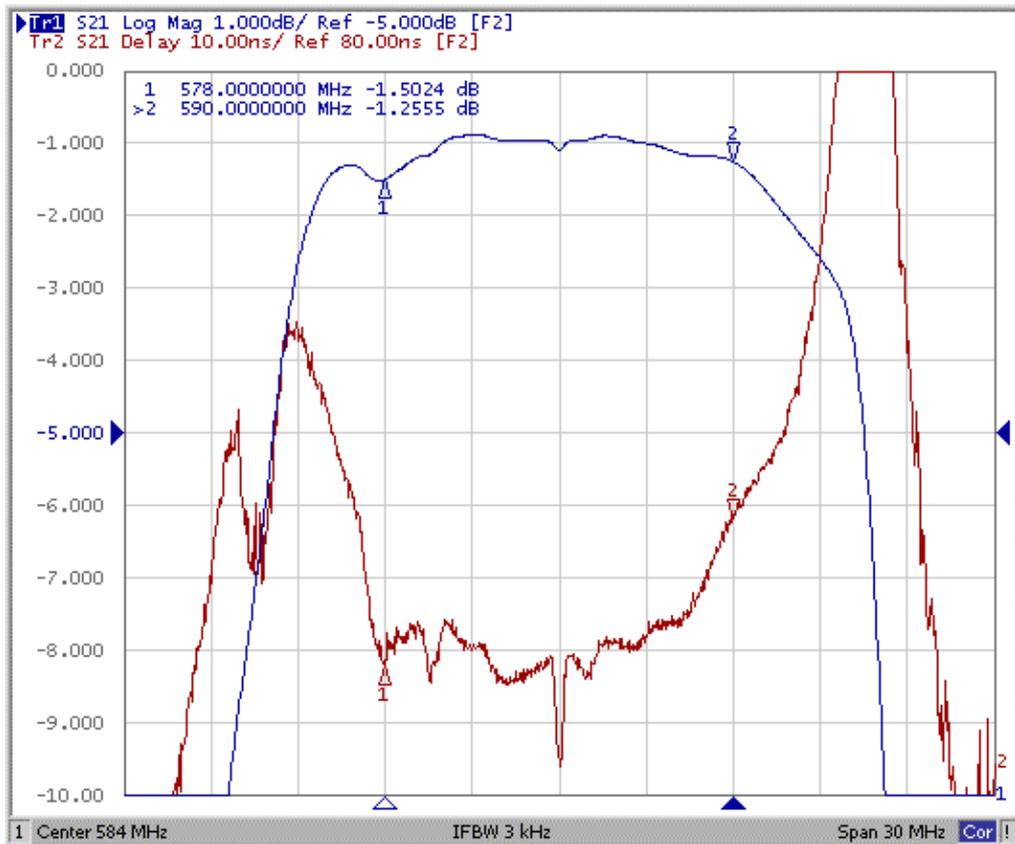
△ : Product / Year Code

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

E. PCB Footprint:



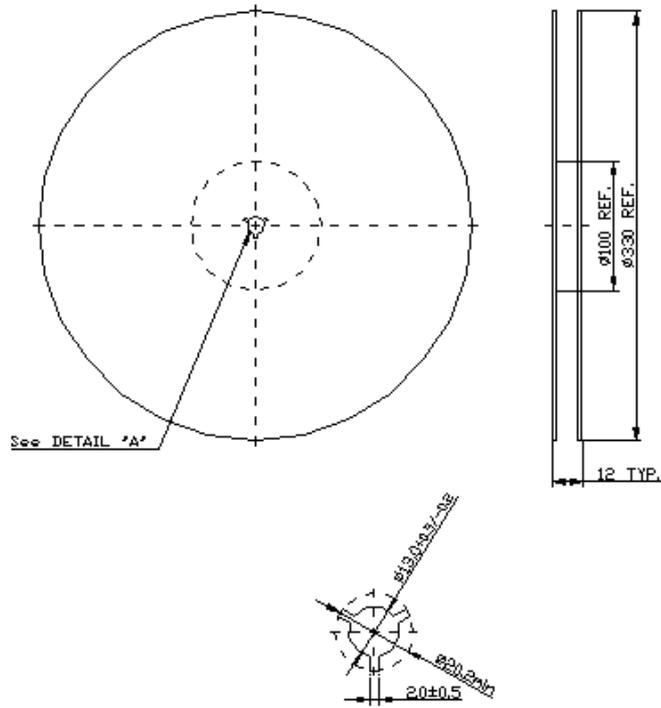
F. Frequency Characteristics :



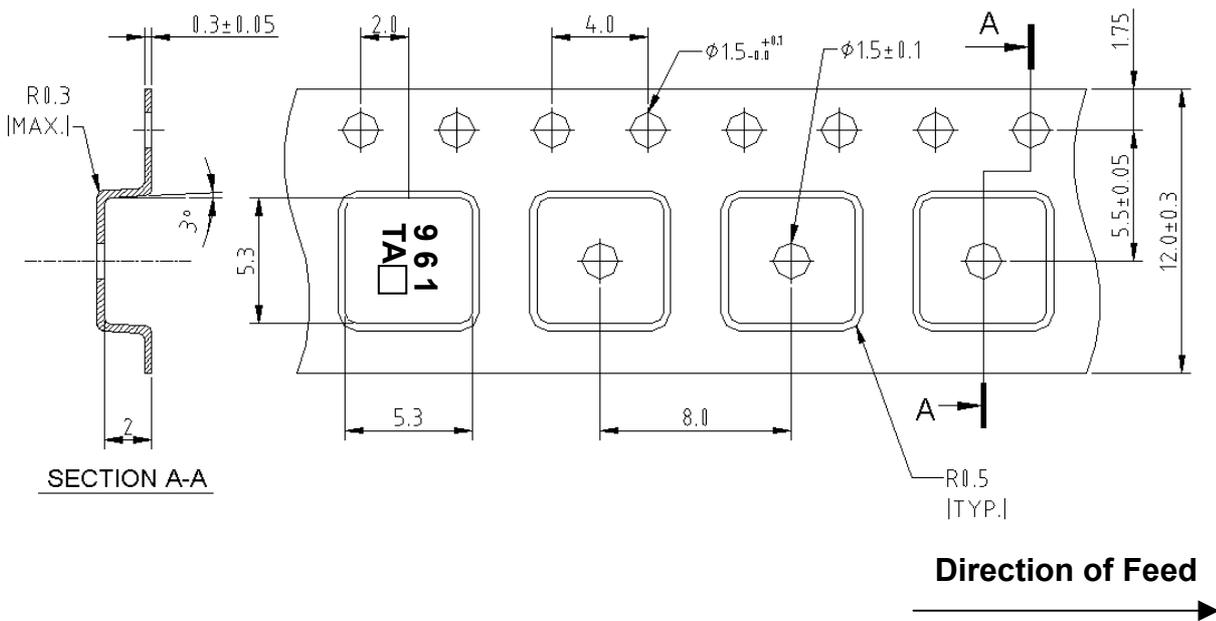
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

