



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 Web: www.taisaw.com

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

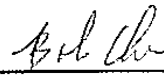
Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approval by: _____ 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

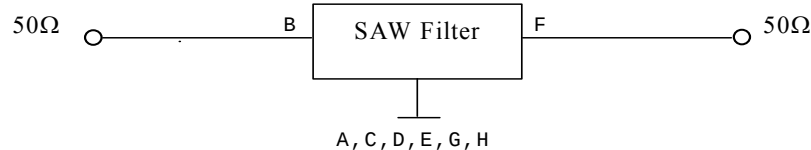
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

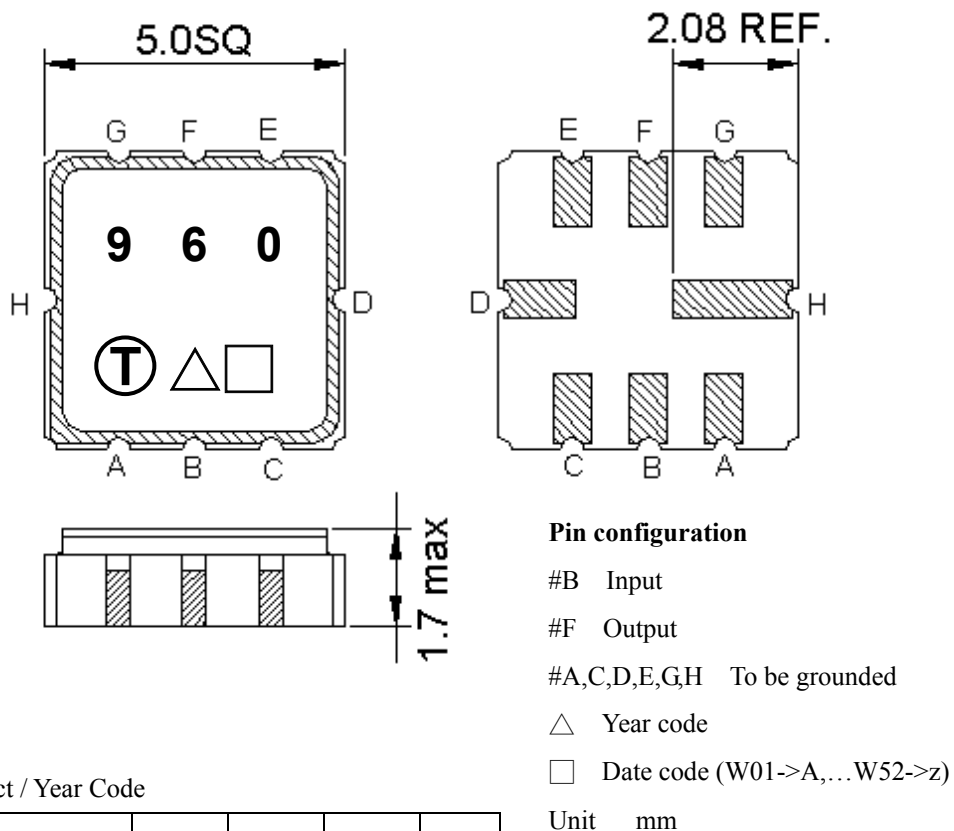
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency F_c	MHz	-	554	-	-
Insertion loss (548~560MHz) IL	dB	-	1.5	4.5	-
Amplitude Ripple (548 ~ 560 MHz)	dB	-	0.7	2	-
Group Delay Variation (548~560 MHz)	ns	-	32	45	-
Attenuation (Reference level from 0 dB)					
0 ~ 513 MHz	dB	35	38	-	-
513 ~ 520 MHz	dB	30	42	-	-
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:

HP Network analyzer



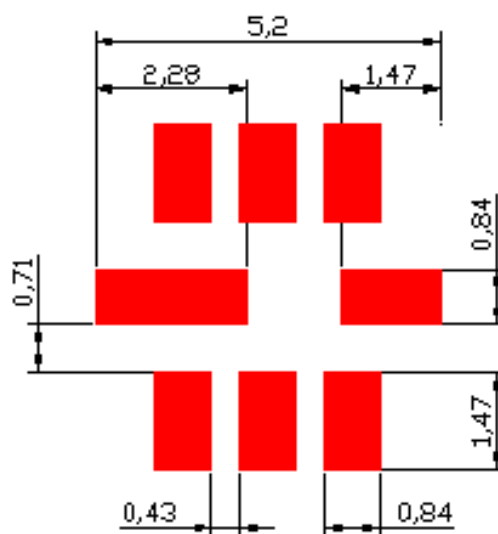
D.OUTLINE DRAWING:



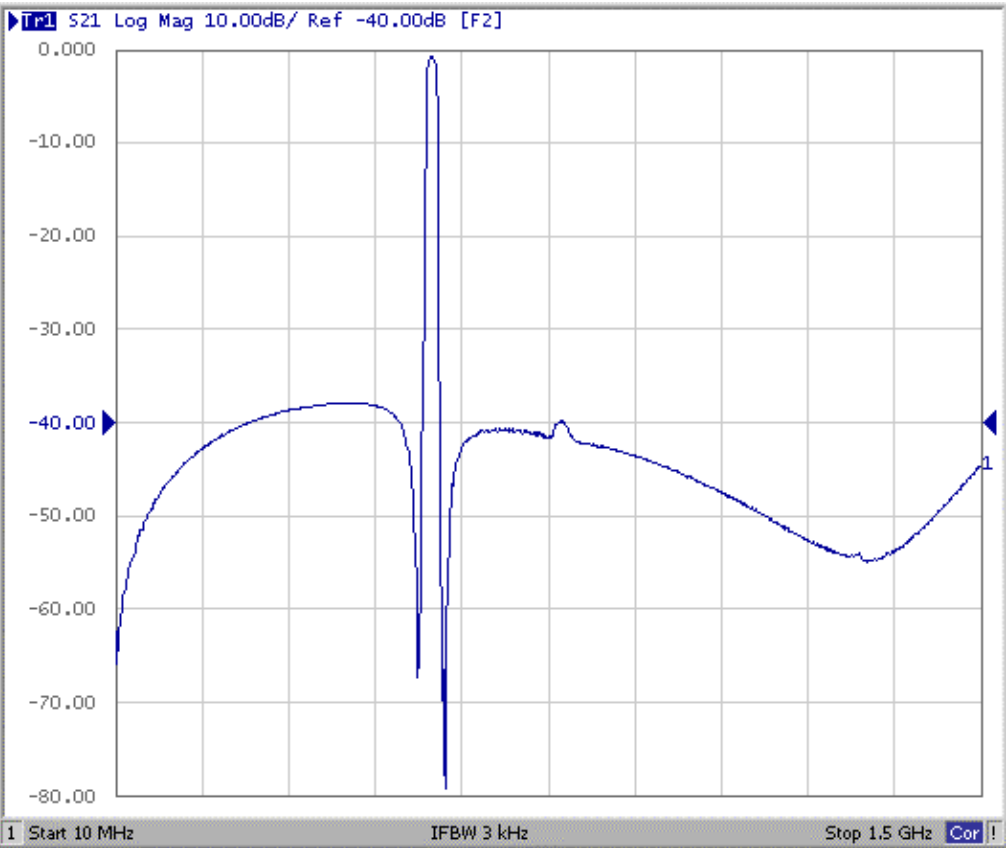
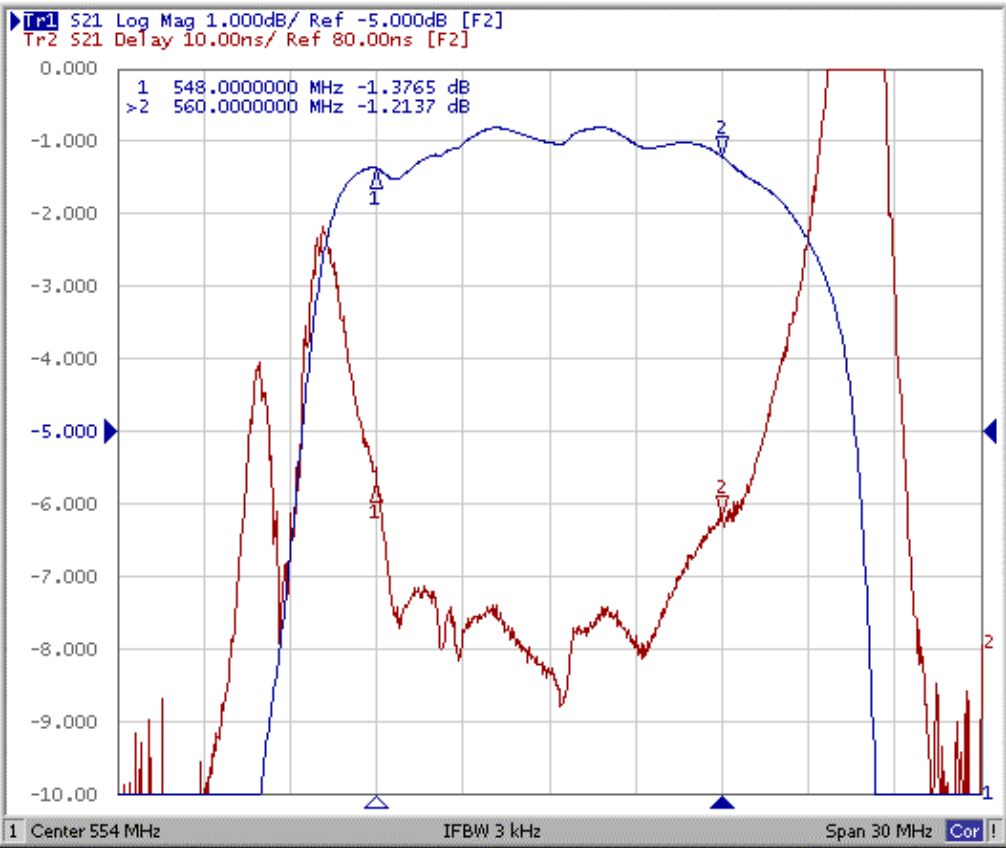
△ : Product / Year Code

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

E. PCB Footprint:



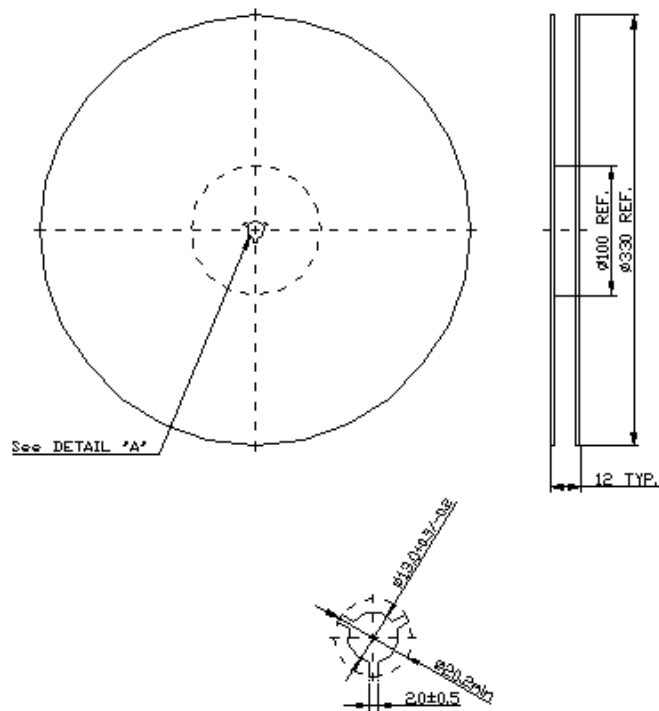
F. Frequency Characteristics :



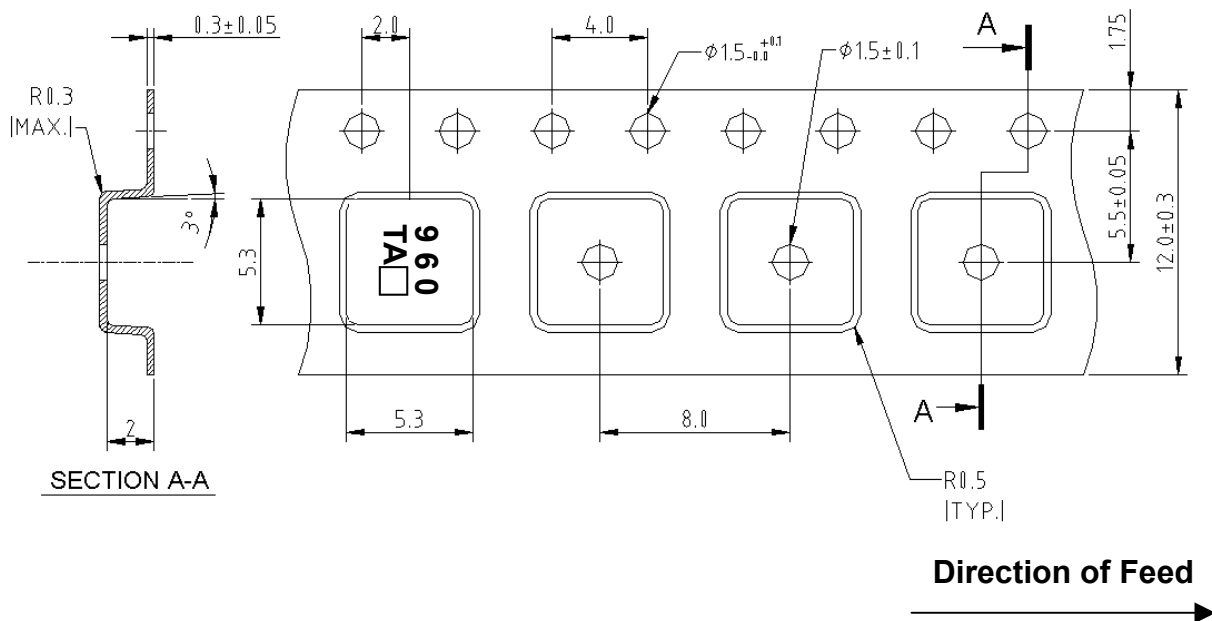
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

