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:

Product Name: IF SAW Filter 351.1 MHz(SMD 5.0X5.0mm)

TST Parts No.:TB0591A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Kazuma Lee_____

Approval by:_____Francis Chen_____

Date:_____2008/06/02_____

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IF SAW Filter 351.1MHz SMD 5.0X5.0mm

MODEL NO.: TB0591A REV. NO.:1

RoHS Compliant
Lead free
Lead-free soldering

A. MAXIMUM RATING:

1.Operating Temperature: -40 °C ~ +85 °C
2. Storage Temperature: -40 °C ~ +85 °C
3. Input Power Level: 10dBm

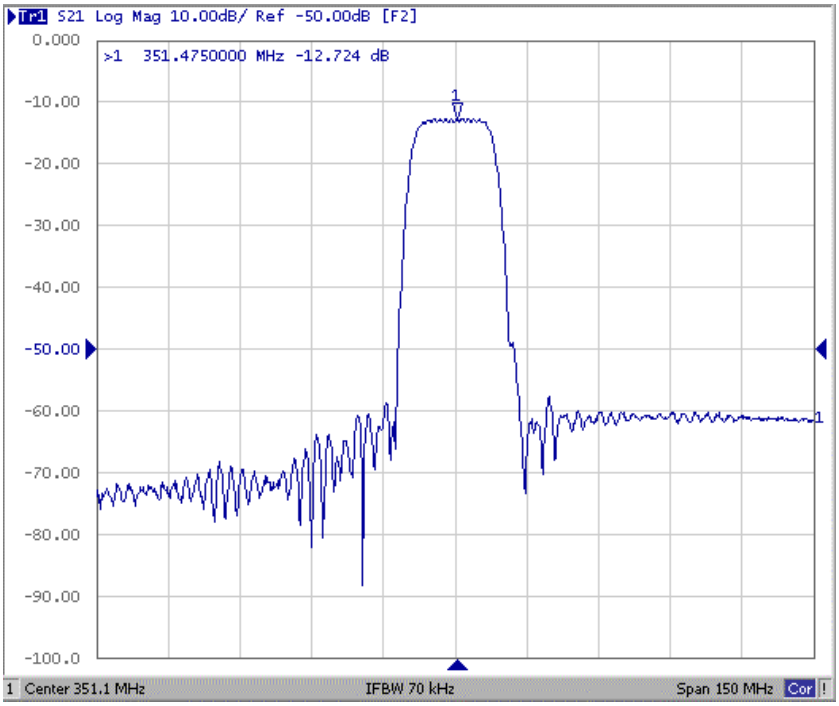
B. Characteristics :

1. Ambient Temperature: 25 °C

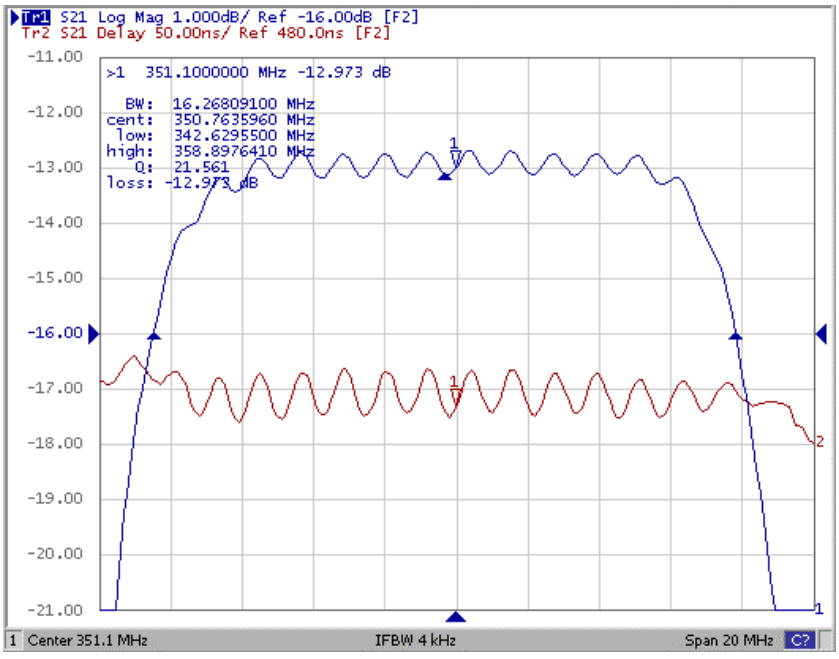
Characteristics		Value		
		Min.		Max.
Center frequency F_C	MHz	-	351.1	-
Maximum Insertion loss I.L.	dB	-	12.7	14.0
Passband Ripple in F_C±6 MHz	dB	-	0.7	1.0
Temp Coefficient	ppm/° C	-	-23	-
Return Loss	dB	-	-15	-
Attenuation:(Reference level from minimum insertion loss)				
1) 340 MHz	dB	10.0	25.0	-
2) 360 MHz	dB	4.0	9.0	-

C. Frequency Responses:

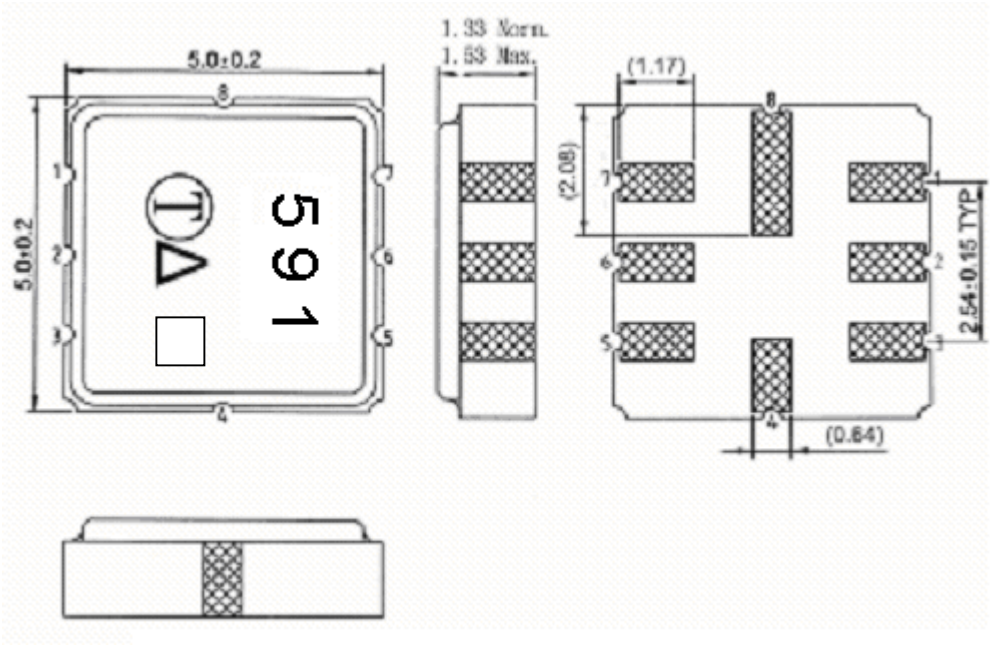
1. Wideband response



2. Passband response



D. Outline Drawing:



Pin 2: Input +

Pin 1: Input -

Pin 6: Onput +

Pin 5: Onput -

Pin 3,4,7,8 : To be Ground

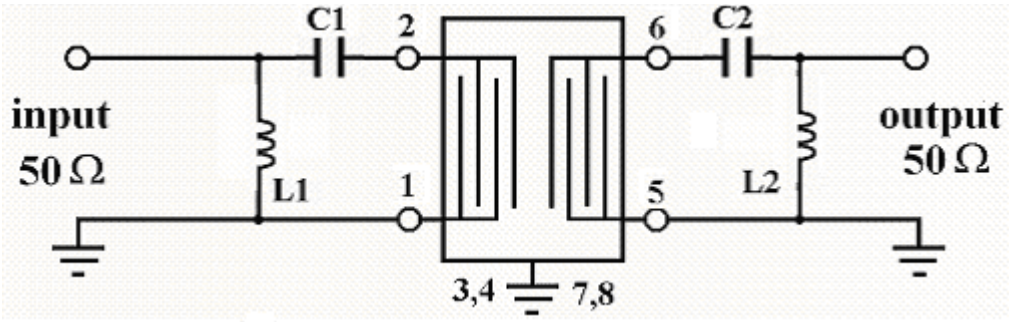
□ : Week Code (Follow the table from planner each year)

Unit : mm

△ : Product / Year Code

Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	B	b	B	b

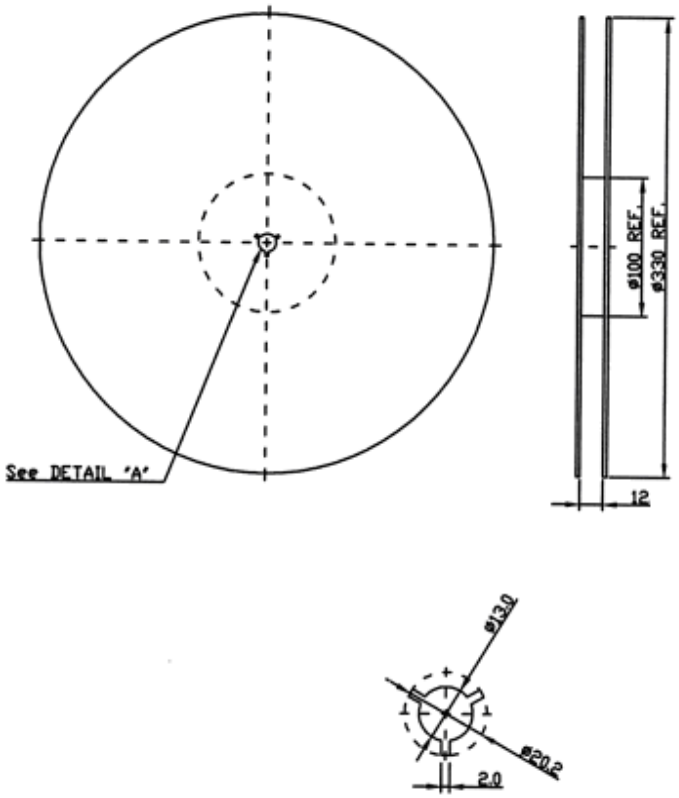
E. Measurement Circuit:



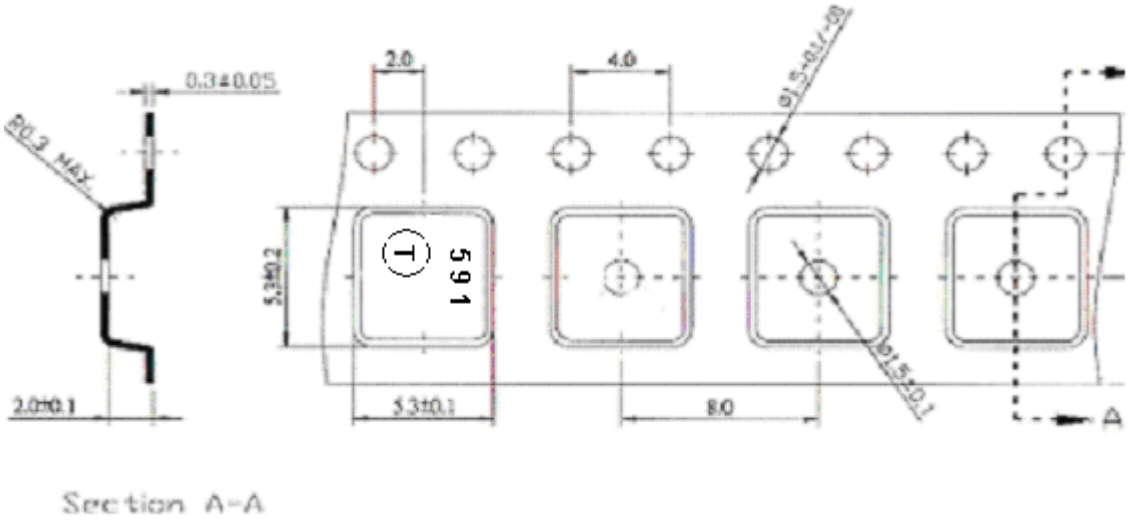
L1=8.2nH, C1=18pF, L2=8.2nH, C2=27pF

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Section A-A