



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:

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

A. MAXIMUM RATING:

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

RoHS Compliant
Lead free
Lead-free soldering

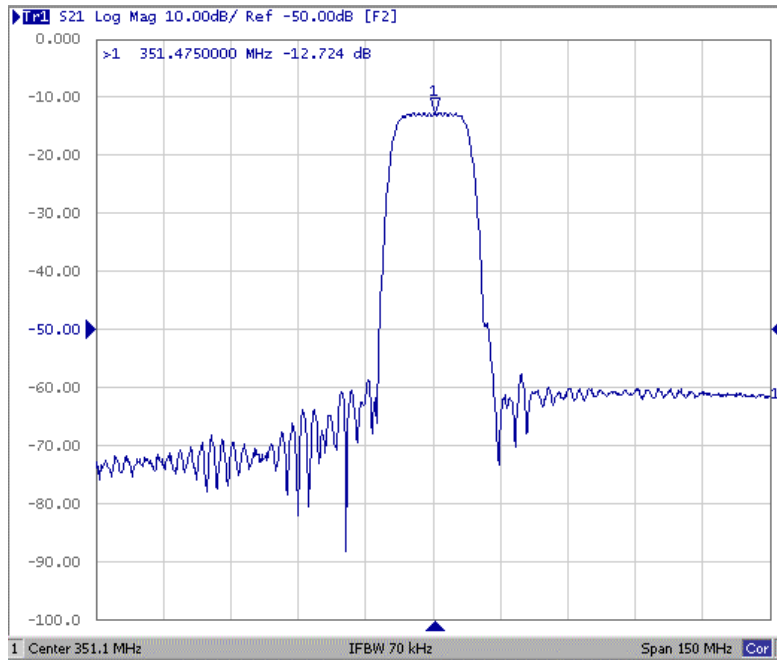
B. Characteristics :

1. Ambient Temperature: 25 °C

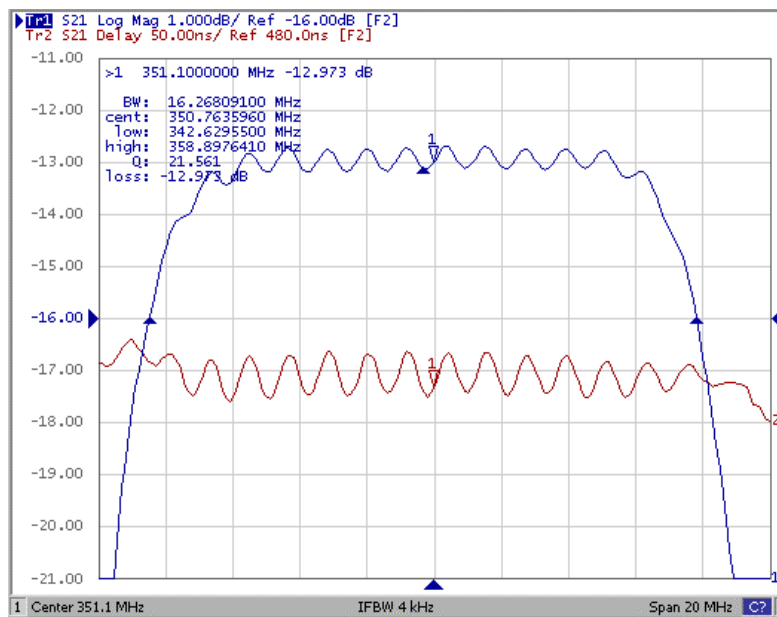
Characteristics			Value		
			Min.		Max.
Center frequency	F_C	MHz	-	351.1	-
Maximum Insertion loss	I.L.	dB	-	12.7	14.0
Passband Ripple in $F_C \pm 6$ MHz		dB	-	0.7	1.0
Temp Coefficient		ppm/°C	-	-23	-
Return Loss		dB	-	-15	-
Attenuation:(Reference level from minimum insertion loss)					
1)	340 MHz	dB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

C. Frequency Responses:

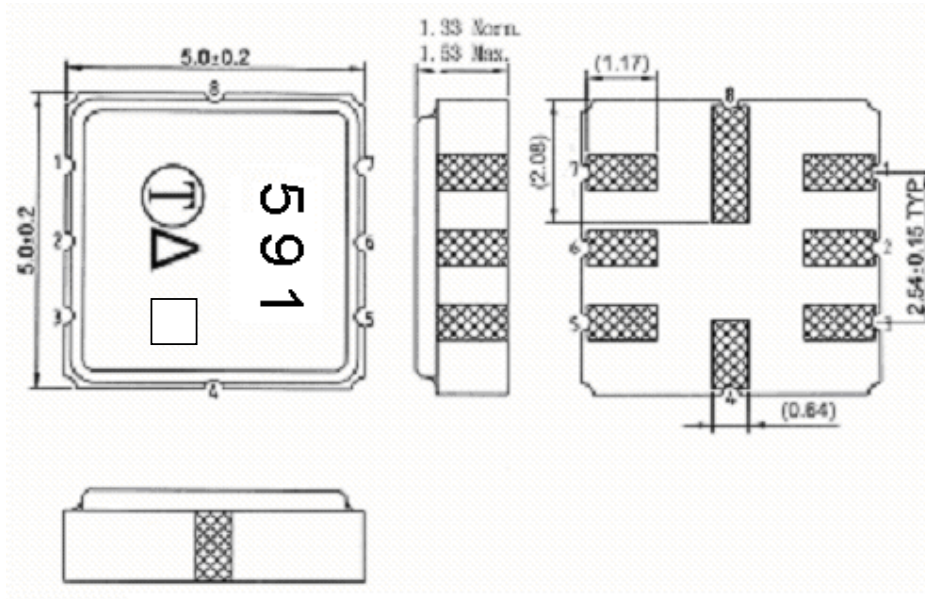
1. Wideband response



2. Passband response



D. Outline Drawing:



Pin 2: Input +

Pin 1: Input -

Pin 6: Output +

Pin 5: Output -

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

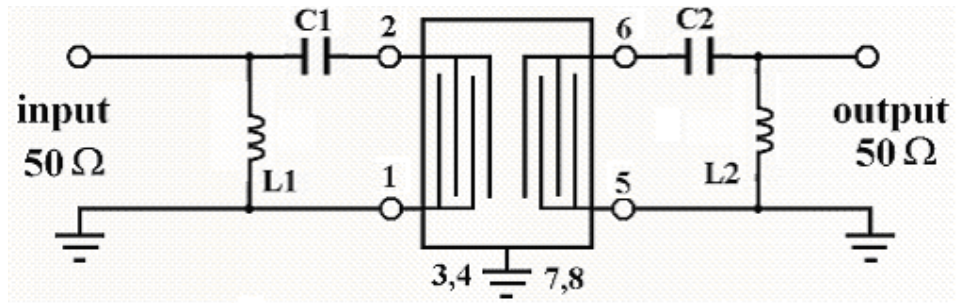
□ : Week Code (Follow the table from planner each year)

Unit : mm

△ : Product / Year Code

Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	B	b	<u>B</u>	<u>b</u>

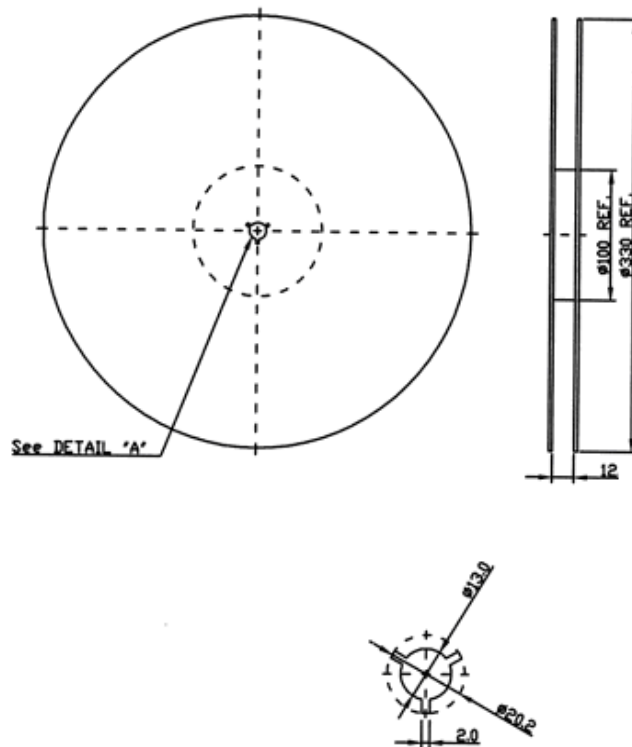
E. Measurement Circuit:



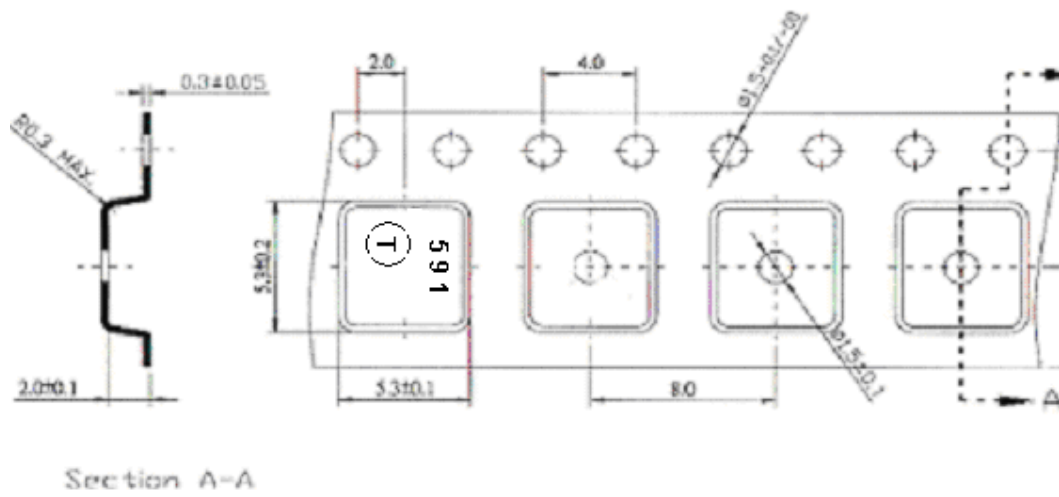
$L1=8.2\text{nH}$, $C1=18\text{pF}$, $L2=8.2\text{nH}$, $C2=27\text{pF}$

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Section A-A