



# TAI-SAW TECHNOLOGY CO., LTD.

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## Approval Sheet For Product Specification

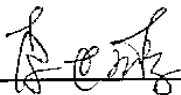
Issued Date:

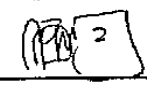
Product Name: SAW IF Filter 351MHz

TST Parts No.: TB0648A

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

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

Checked by: \_\_\_\_\_ Kazuma Lee 

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

Date: \_\_\_\_\_ 2008/12/08



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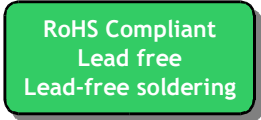
SAW Filter 351MHz 90 MHz BW (SMD 5×5 mm)

MODEL NO.: TB0648A

REV. NO.1

## A. MAXIMUM RATING:

- 1.Storage Temperature: -40°C to 85°C
- 2.Operating Temperature: -20°C to 70°C
3. Input Power Level : 10 dBm



## B. Characteristics :

Item	Unit	Min.	Type.	Max.
Center frequency, Fc	MHz	-	351	-
Insertion Loss 306 to 396 MHz	dB	-	15.3	16.5
Passband Variation 306 to 396 MHz	MHz	-	1.1	3
Relative Attenuation at 262MHz	dB	20	50	-
Relative Attenuation at 402MHz	dB	-	25	-
Temp Coefficient	ppm/K	-	-76	-

### C. Frequency Characteristics:

Wideband Response:(span 300MHz)

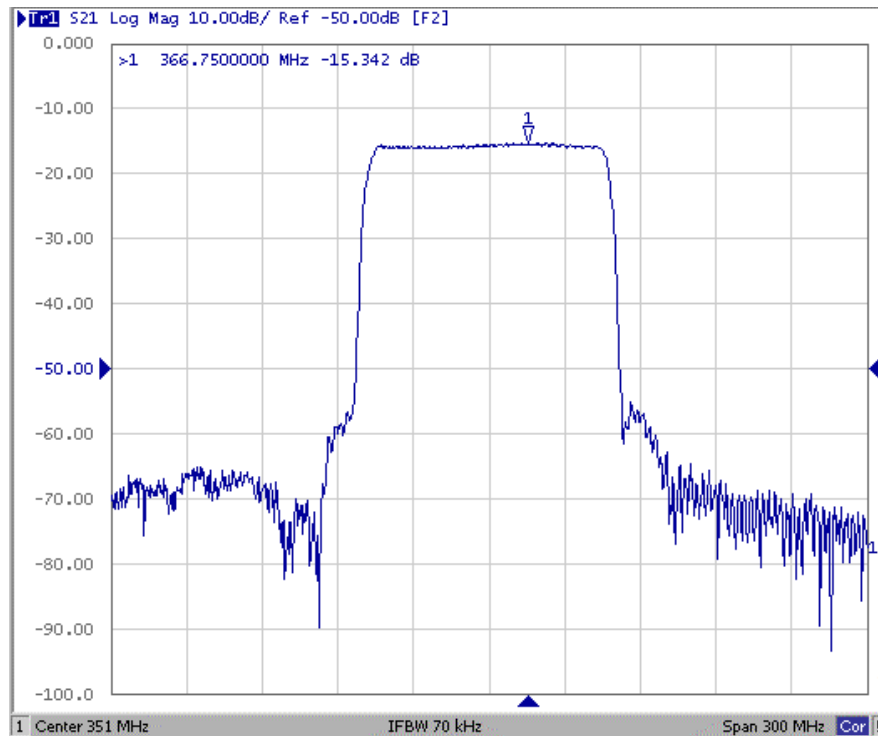


Fig1. Horizontal: 30MHz/Div Vertical: 10dB/Div

Passband Response:(span 100MHz)

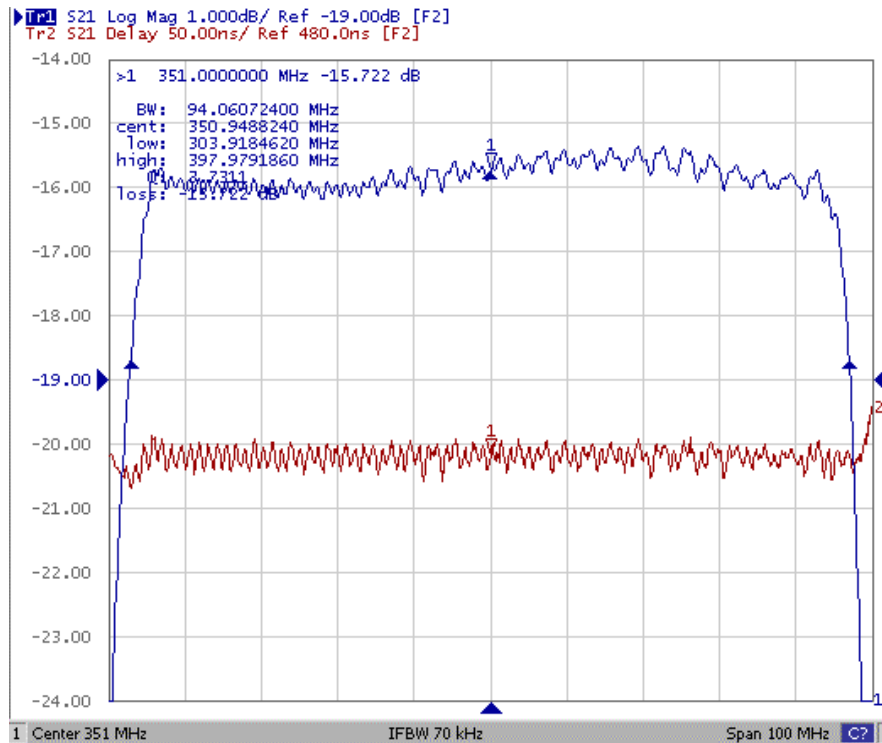
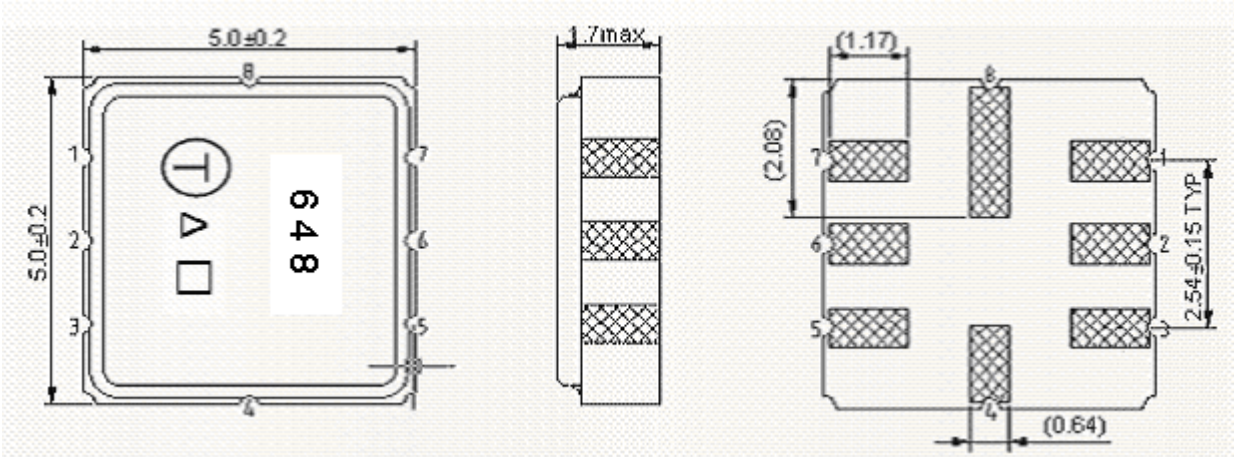


Fig2. Horizontal: 10MHz/Div Vertical 1: 1dB/Div  
Vertical 2: 50nS/Div

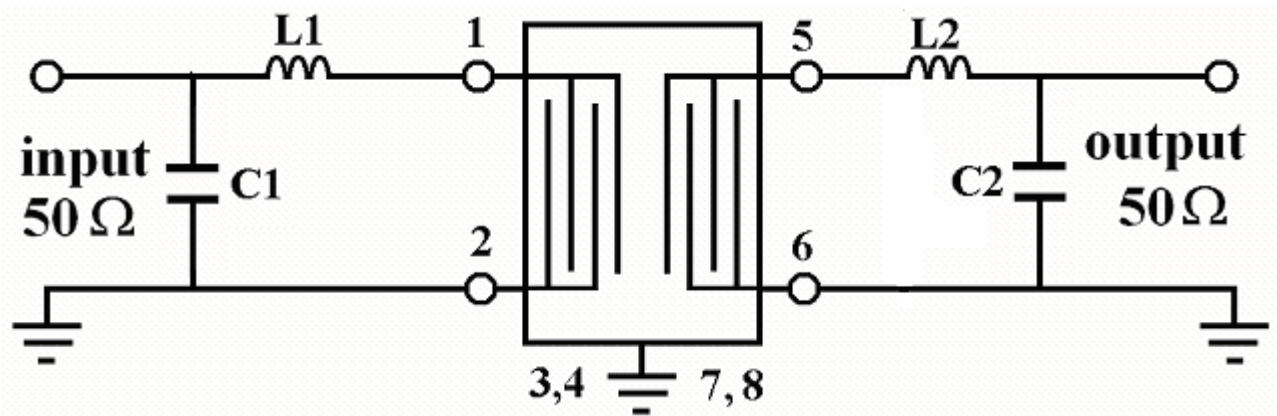
**D. Outline Drawing:**



- #1 –Input
- #2 –Input ground
- #5 – Output
- #6 – Output ground
- #3,4,7,8 – 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>

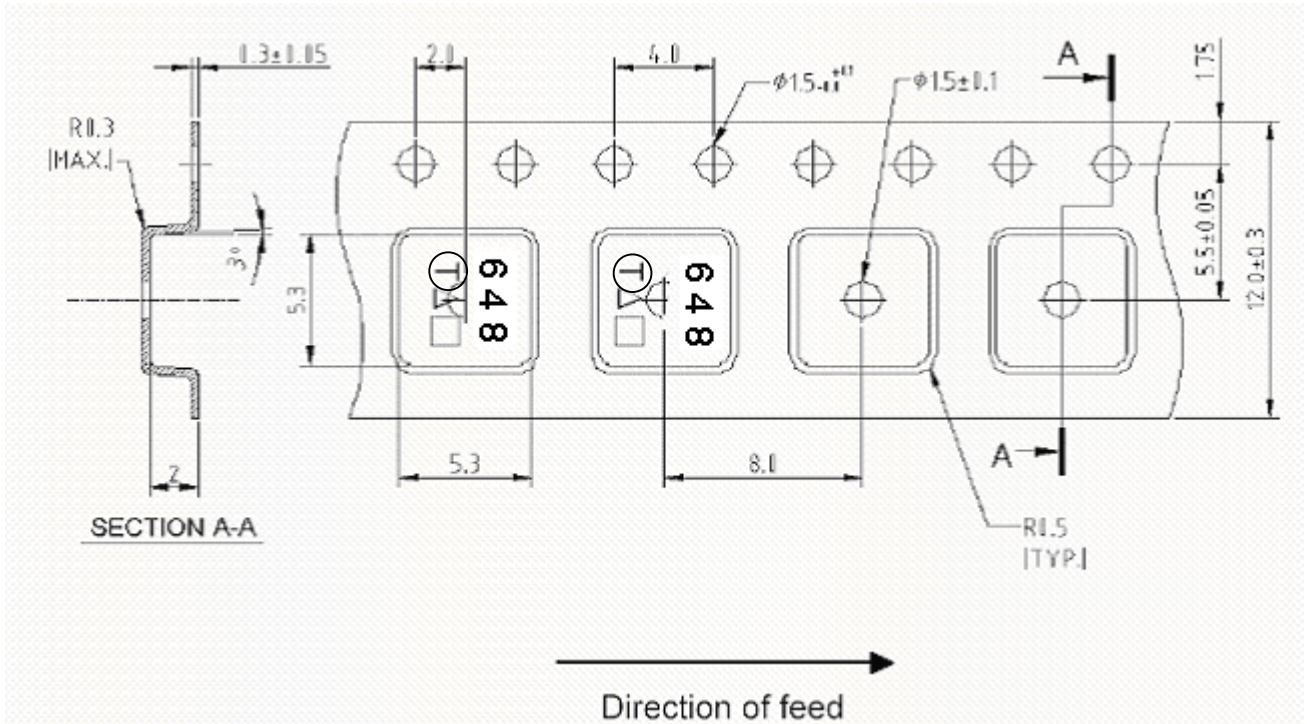
**E. Matching Circuit: 50 Ohm single ended Input - 50 Ohm single ended Output**



L1=36nH;L2=36nH;C1=8pF; C2=8pF



2. TAPE DIMENSION:



H. RECOMMENDED REFLOW PROFILE:

