



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: 2006/03/15

Product Name: 44MHz IF SAW Filter (BW=3.4 MHz)

TST Parts No.: TB0363A

Customer Parts No.: _____

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

Checked by: _____ Andy Yu

Approval by: _____ Francis Chen

Date: _____ 2006/03/15



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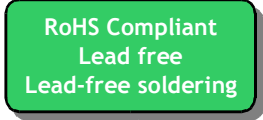
SAW Filter 44MHz (SMD 13.3×6.5 mm)

Model No.: TB0363A

Rev. No.:1.0

A. MAXIMUM RATING:

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

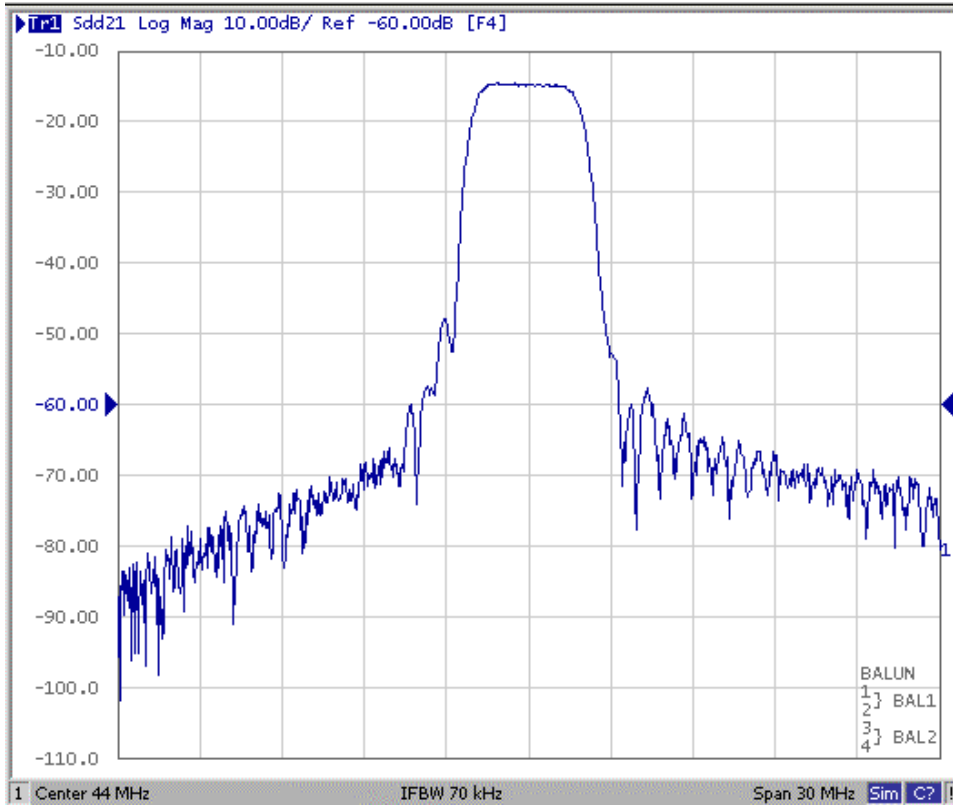


B. Characteristics :

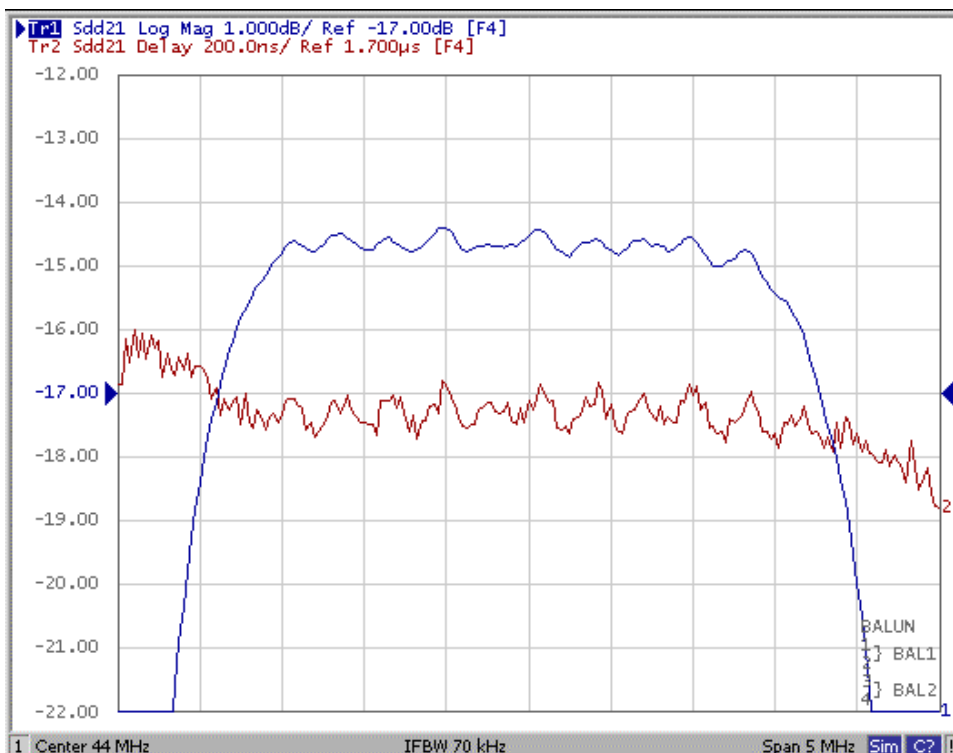
Item	Unit	Min.	Type.	Max.
Center frequency, Fc	MHz	-	44	-
Insertion Loss, IL	dB	-	14.5	16
3 dB Bandwidth	MHz	3.4	3.7	
Pass band Ripple Fc±1.25MHz	dB	-	0.6	1.0
Relative Attenuation Fc±1.85MHz	dB	15	17	
Relative Attenuation Fc±2MHz	dB	17	19	
Relative Attenuation Fc±3.5MHz	dB	51	58	
Relative Attenuation 26.5MHz to 40.5MHz	dB	40	44	
Relative Attenuation 47.5MHz to 61.5MHz	dB	38	41	

C. Frequency Characteristics :

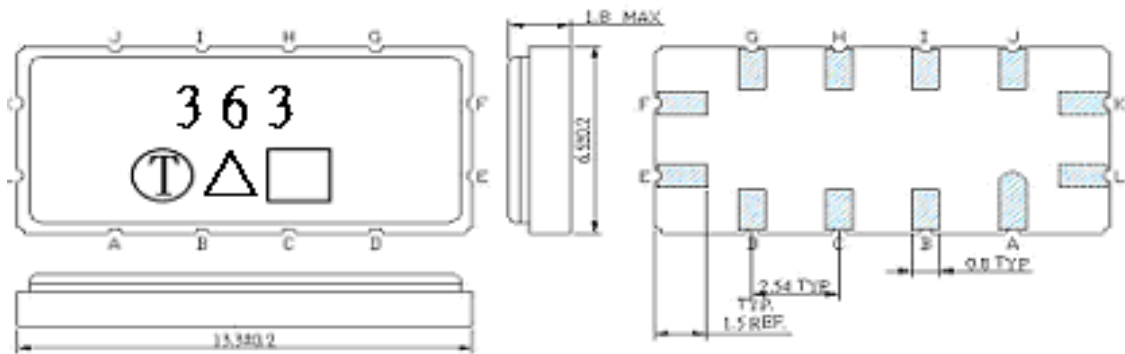
(1) Frequency Response:



(2) Passband response and Group Delay Variation:



D. Outline Drawing:



Unit: mm

Pin K=L: RF input

Pin E=F: RF output

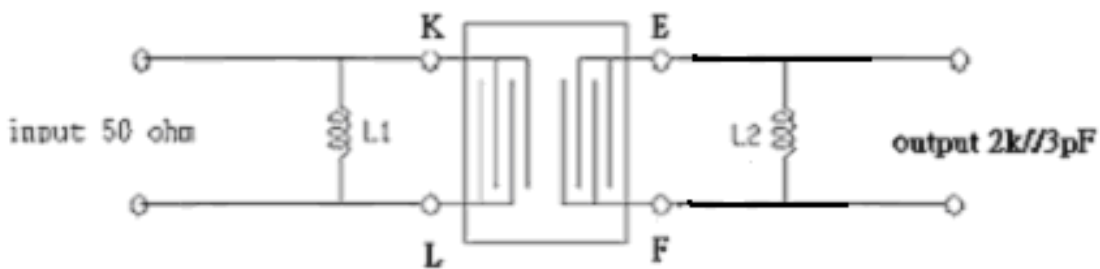
□ : Week Code (Follow the table from planner each year)

Unit : mm

△ : Product / Year Code

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

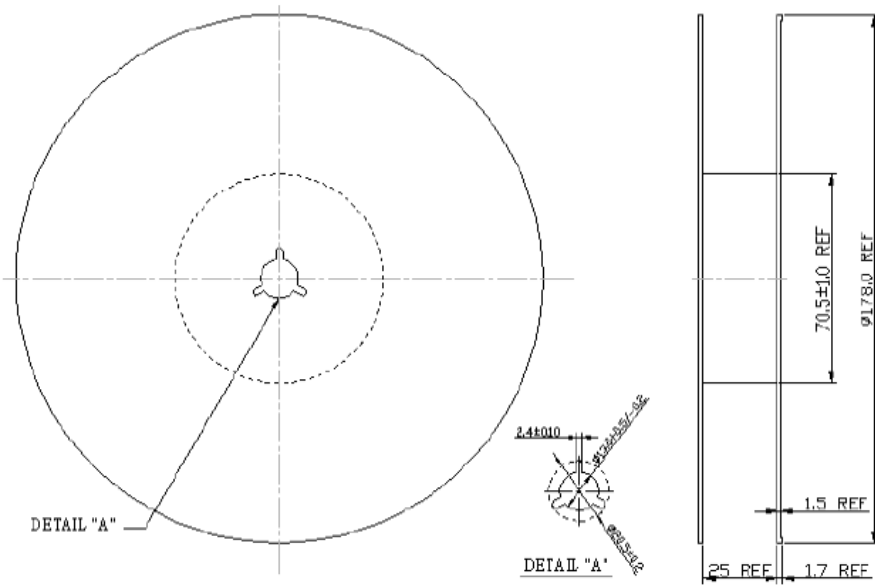
E. Matching Circuit:



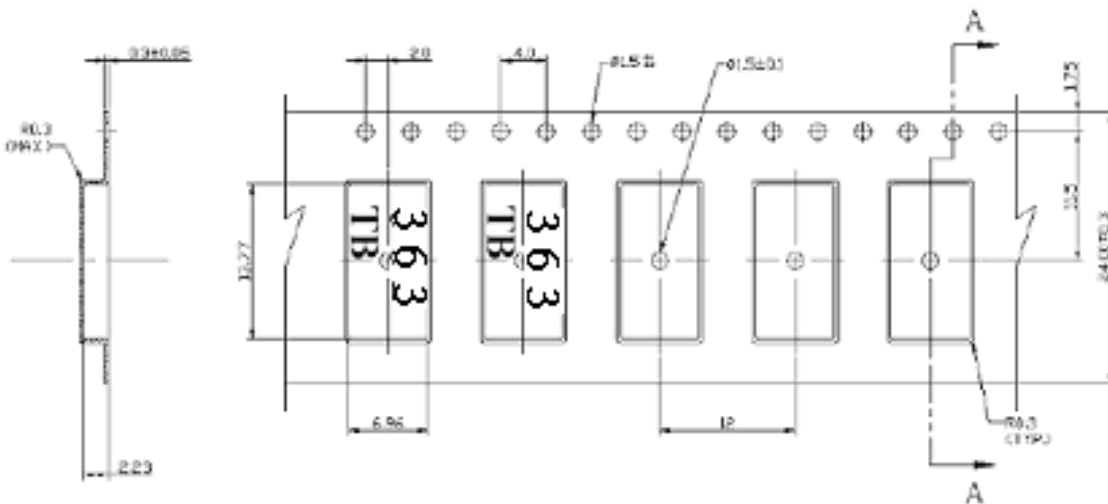
L1=220nH, L2=510nH

F. Packing:

(1). REEL DIMENSION:



(2). TYPE DIMENSION:



G. Recommended Reflow Profile:

