TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.
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Approval Sheet For Product Specification

Issued Date: 2006/01/25

Product Name: 44MHz IF SAW Filter (BW=6.5 MHz)

TST Parts No.: TB0364A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Andy Yu_____

Approval by:_____Francis Chen_____

Date:_____2006/10/05_____

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SAW Filter 44MHz (SMD 13.3×6.5 mm)
Model No.: TB0364A Rev. No.:2.0

A. MAXIMUM RATING:

RoHS Compliant
Lead free
Lead-free soldering

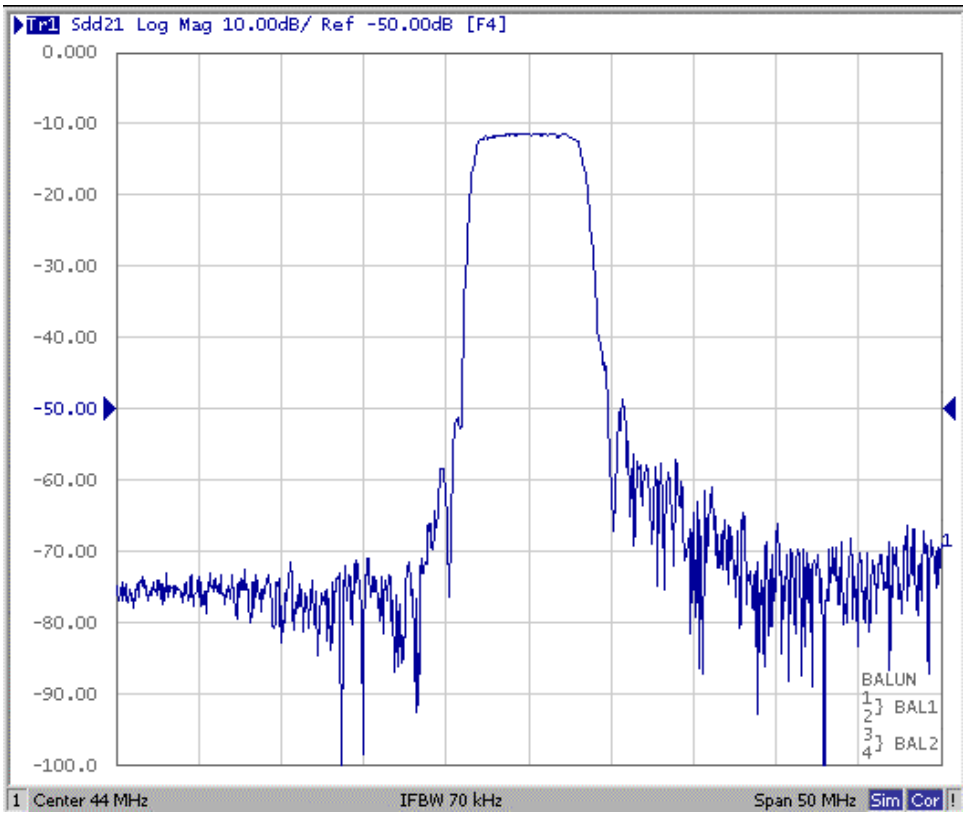
1.Input Power Level: 10 dBm
2. Operating Temperature: -40°C to +85°C
3. Storage Temperature: -40°C to +85°C

B. Characteristics :

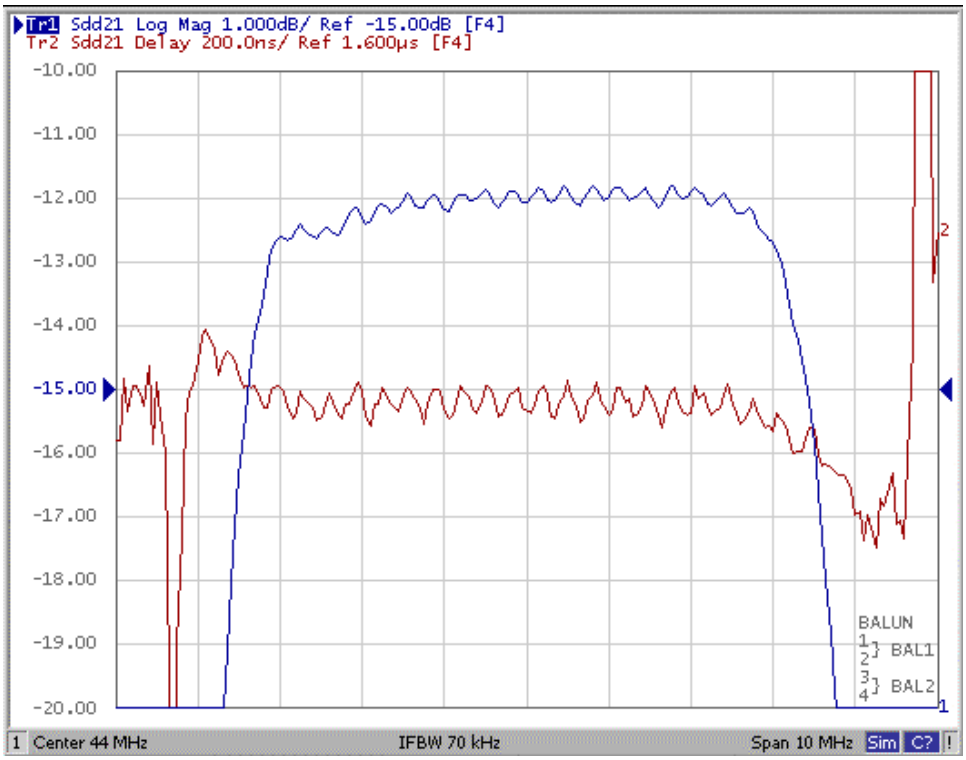
Item	Unit	Min.	Type.	Max.
Center frequency, **Fc**	MHz	-	44	-
Insertion Loss, **IL**	dB	-	11.5	16
3 dB Bandwidth	MHz	6.5	6.8	
Pass band Ripple **Fc±2.7MHz**	dB	-	0.9	1.2
Stopband Rejection (ref: Max IL)				
Relative Attenuation **Fc±3.6MHz**	dB	4	6	
Relative Attenuation **Fc±4.0MHz**	dB	14	16	
Relative Attenuation **Fc±7.0MHz**	dB	40	46	
Relative Attenuation **26.5MHz to 37MHz**	dB	40	58	
Relative Attenuation **51MHz to 61.5MHz**	dB	40	42	

C. Frequency Characteristics :

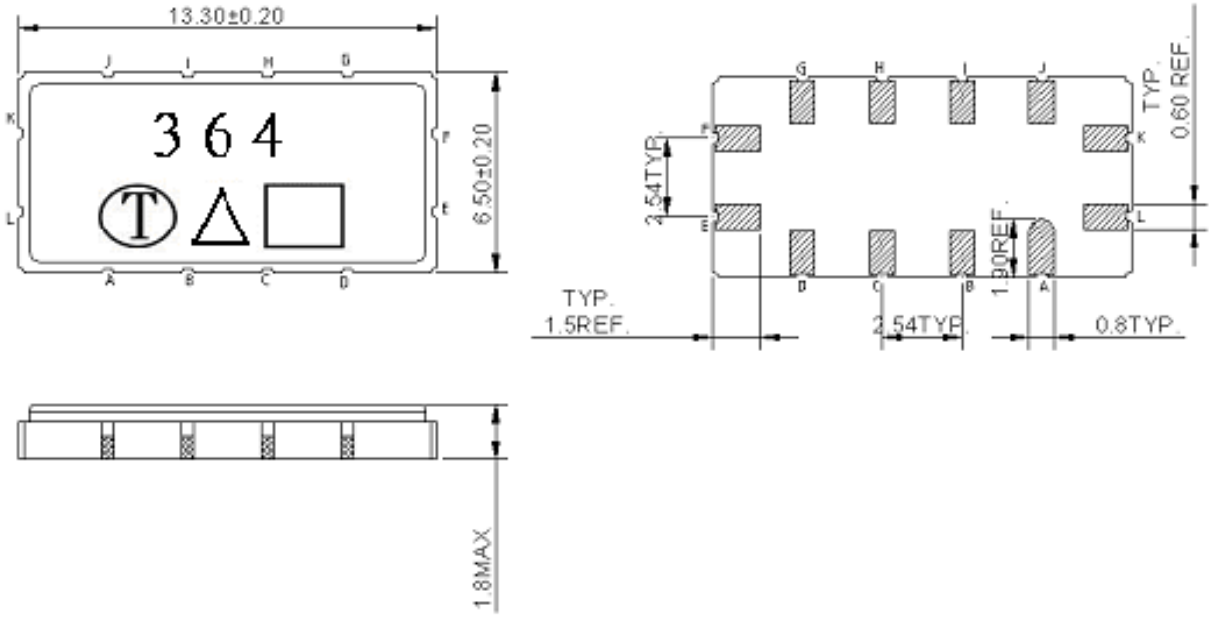
(1) Frequency Response



(2) Passband response and Group Delay Variation:



D. Outline Drawing:



Pin K=L: RF input

Pin E=F: RF output

Pin A, B, C, D, G, H, I, J: To be Ground

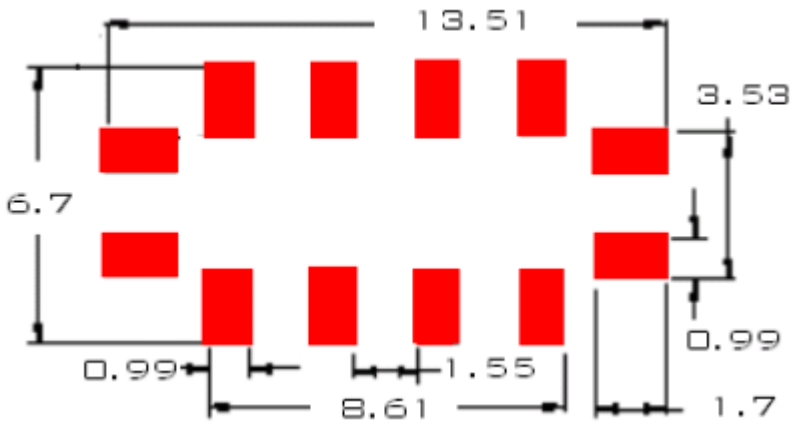
□ : Week Code (Follow the table from planner each year)

Unit : mm

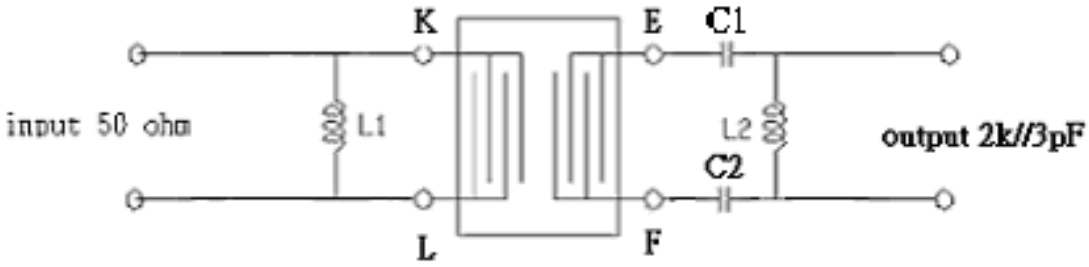
△ : Product / Year Code

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

E. PCB Footprint:



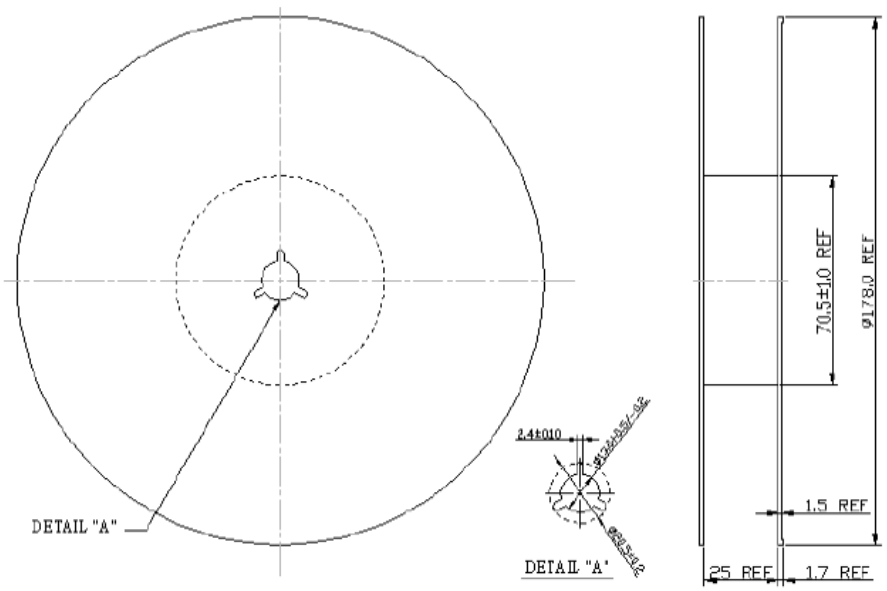
F. Matching Circuit:



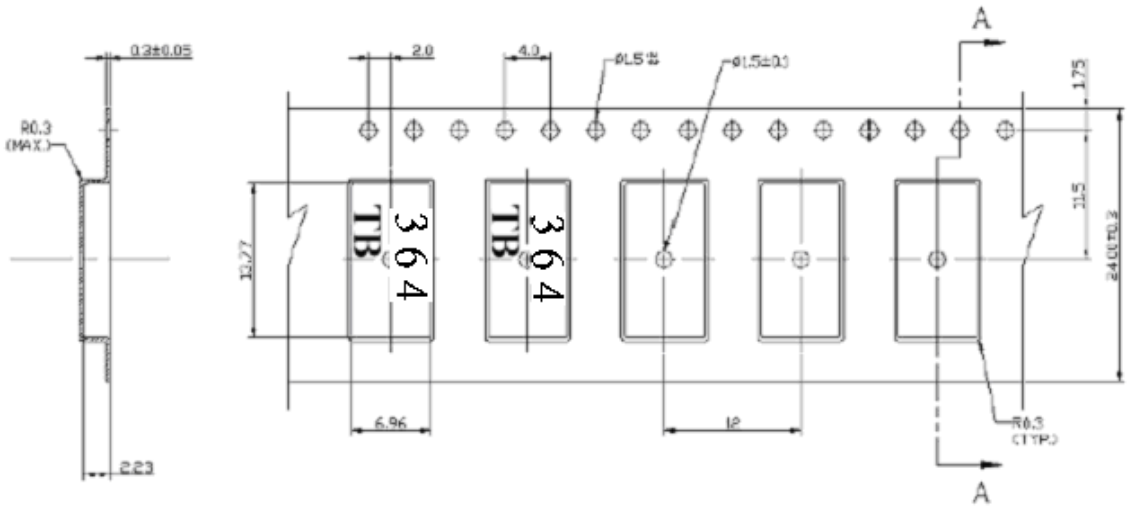
L1=220nH, C1=C2=110pF, L2=680nH

G. Packing:

(1). REEL DIMENSION:



(2). TYPE DIMENSION:



H. Recommended Reflow Profile:

