



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date:

Product Name: 44MHz IF SAW Filter (BW=9.24 MHz)

TST Parts No.: TB0418A

Customer Parts No.: _____

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

Checked by: _____ Andy Yu

Approval by: _____ Francis Chen

Date: _____ 2007/03/27



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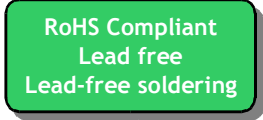
SAW Filter 44MHz (SMD 13.3×6.5 mm)

Model No.: TB0418A

Rev. No.:1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. Operating Temperature: -30°C to +80°C
3. Storage Temperature: -40°C to +85°C

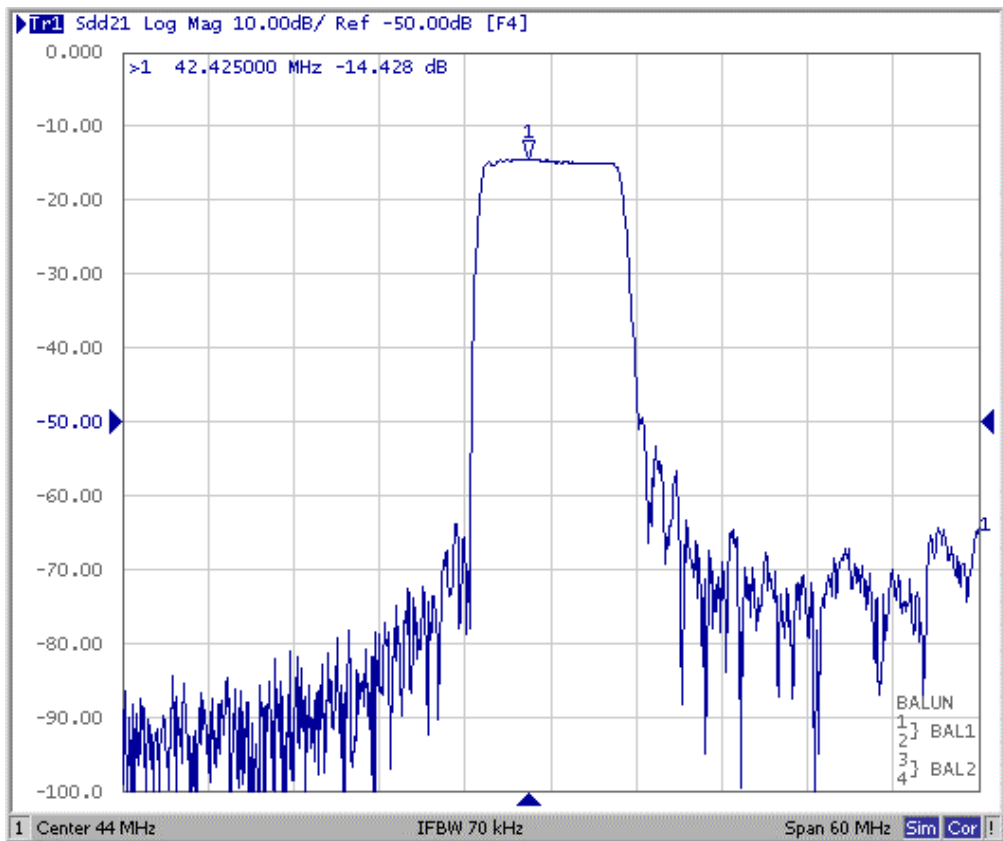


B. Characteristics :

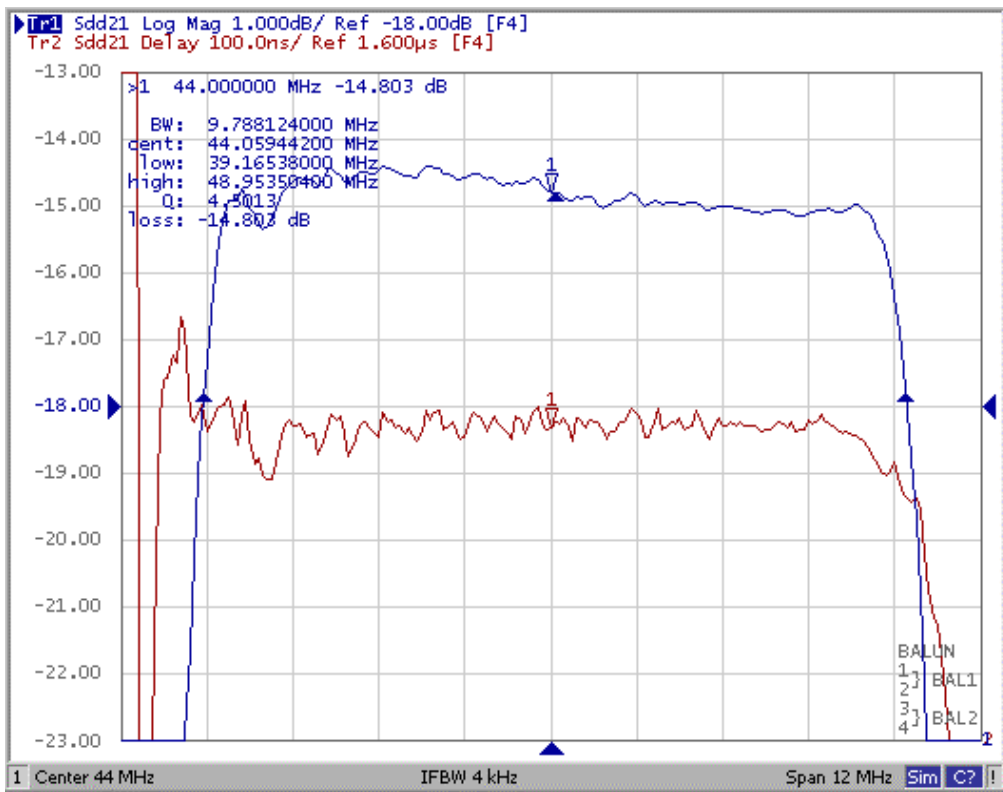
Item	Unit	Min.	Type.	Max.
Center frequency, Fc	MHz	-	44	-
Insertion Loss, IL	dB	-	14.5	18
1 dB Bandwidth	MHz	-	9.4	-
3 dB Bandwidth	MHz	9.24	9.8	
Pass band Ripple Fc±4.2MHz	dB	-	0.8	1.2
Relative Attenuation Fc±5.76MHz	dB	15	24	
Relative Attenuation Fc±10.0MHz	dB	40	50	
Relative Attenuation 25.0MHz to 34.0MHz	dB	42.5	58	
Relative Attenuation 54MHz to 61.5MHz	dB	42.5	50	
Temp Coefficient	ppm/K		-94	

C. Frequency Characteristics :

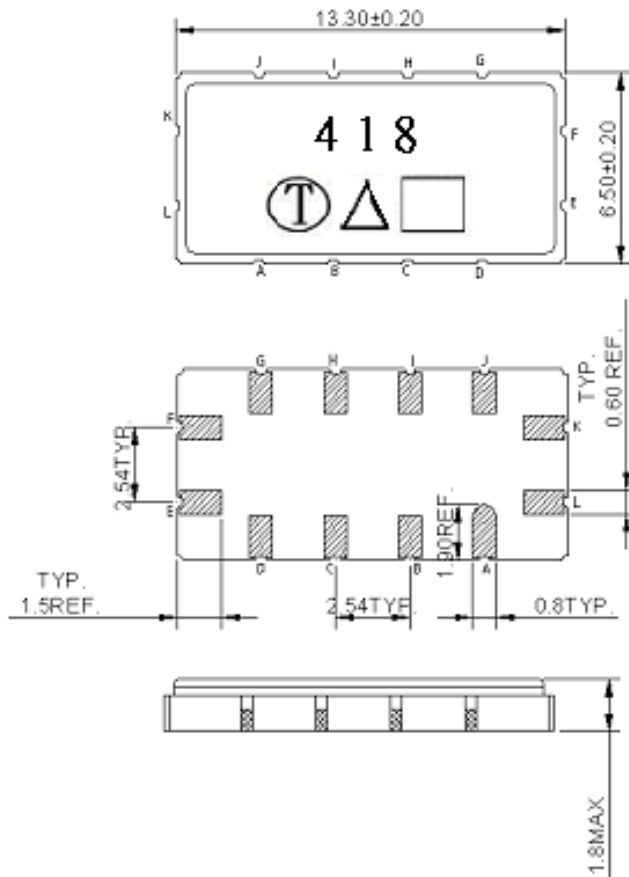
(1) wide band Response:(span 60MHz)



(2) Pass band Response and Group Delay Variation: (span 12MHz)



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)

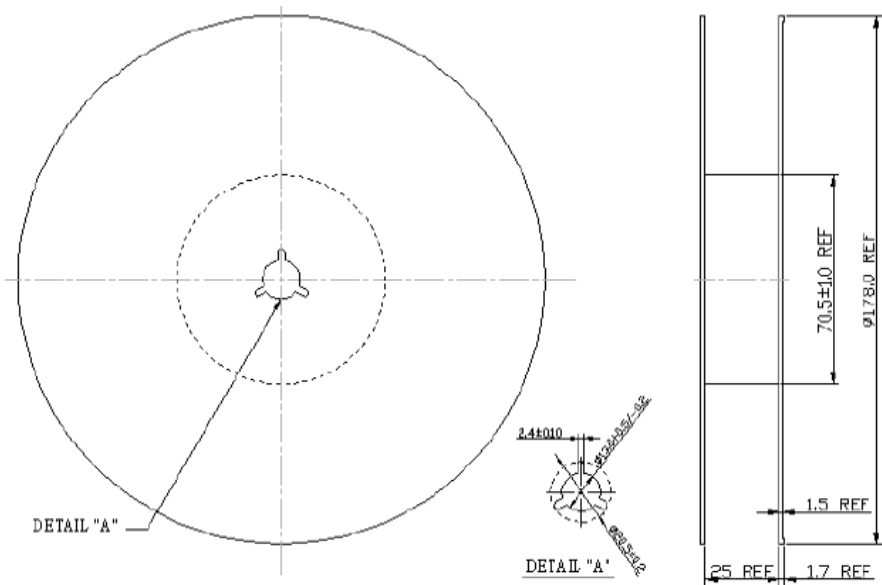
Unit : mm

△ : Product / Year Code

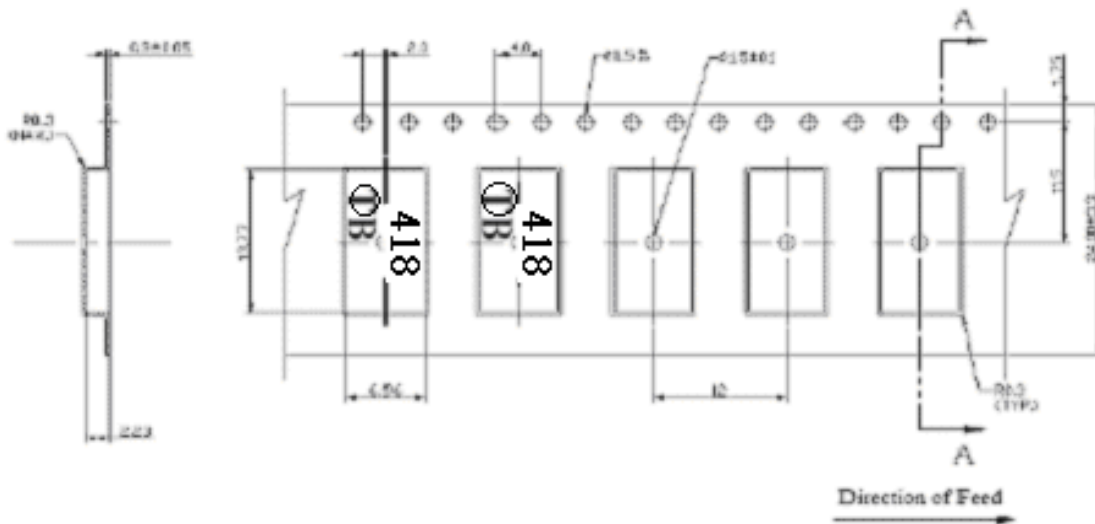
Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	B	b	<u>B</u>	<u>b</u>

G. Packing:

(1). REEL DIMENSION:



(2). TYPE DIMENSION:



H. Recommended Reflow Profile:

