TAI-SAW TECHNOLOGY CO., LTD.
No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.
TEL: 886-3-4690038 FAX: 886-3-4697532
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Product Specifications Approval Sheet

Product Name: 96MHz IF SAW Filter (BW=1.6 MHz)

TST Parts No.: TB0479A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Andy Yu Andy

Approval by: Francis Chen

Date: 2010/09/03

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes

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SAW Filter 96MHz 1.6MHz BW (SMD 13.3×6.5 mm)
MODEL NO.: TB0479A MODEL NO.: V2.0

A. MAXIMUM RATING:

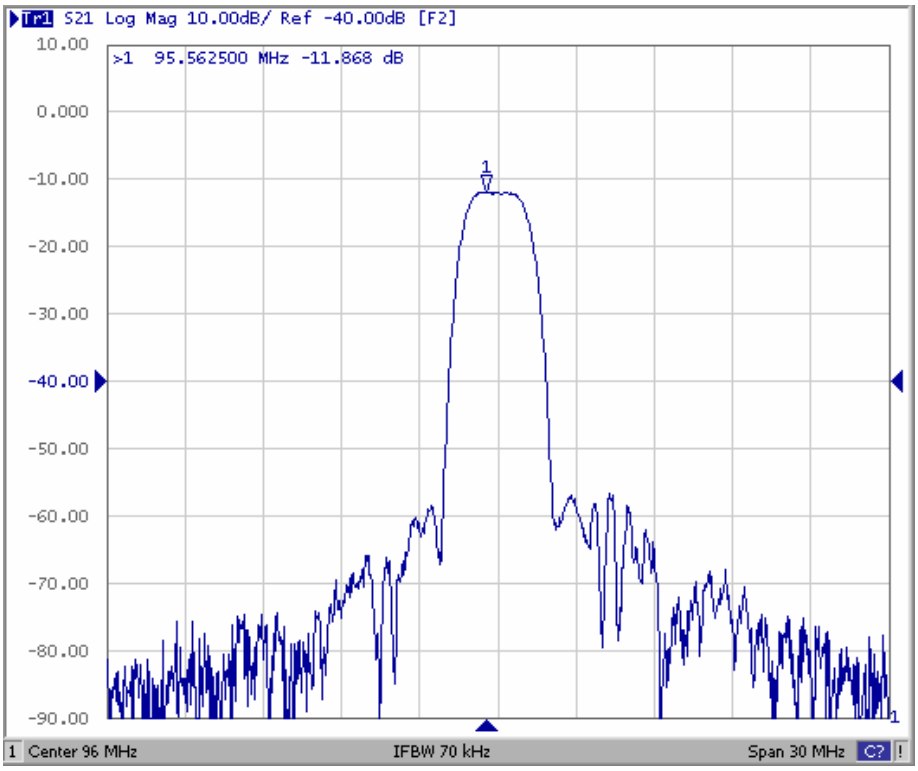
1.Operating Temperature: -30°C to 85°C
2.Storage Temperature: -40°C to 85°C

B. Characteristics :

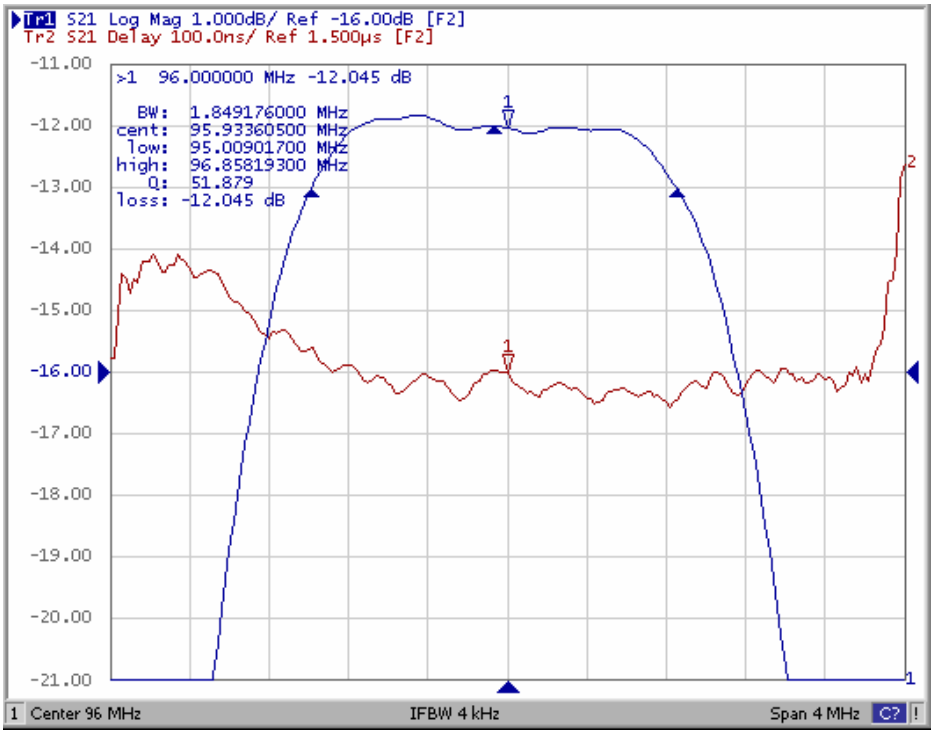
Item	Unit	Min.	Type.	Max.	Propose
Center frequency, **Fc**	MHz	-	96	-	
Insertion Loss, **IL**	DB	-	11.8	15	
1 dB Bandwidth	MHz	1.56	1.80	-	
Relative attenuation					
91MHz ---- 94.5MHz		6	9.5	-	
97.5MHz ----98.5MHz		6	11.5	-	
10MHz ---- 60 MHz	dB	55	72	-	
76.8MHz		55	72	-	
132MHZ ----135MHz		55	74	-	
135MHz ---- 1000MHz		35	58	-	
Passband Ripple					
95.2– 96.8 MHz	dB, p-p	-	0.9	1.2	
Group Delay Ripple					
95.2– 96.8 MHz	nsec	-	62	120	

C. Frequency Characteristics :

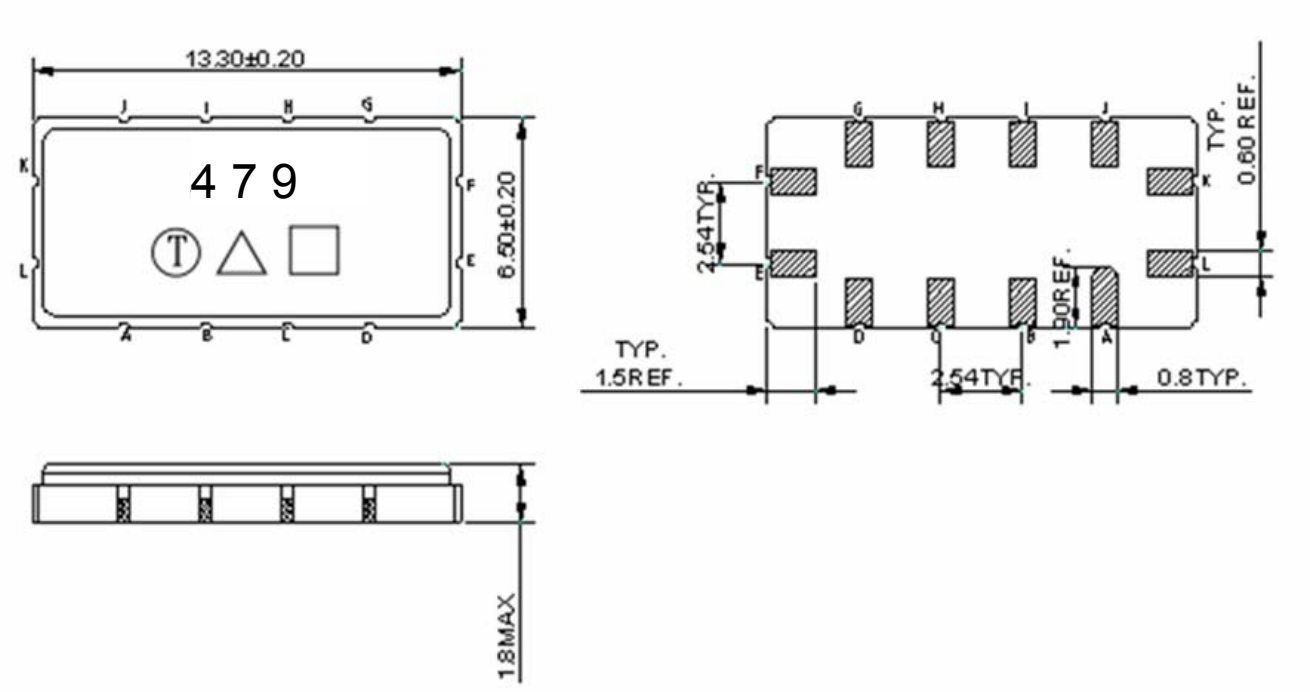
(1) wide band Response:(span 30MHz)



(2) Pass band Response:(span 4MHz)



D. Outline Drawing:



Pin K: RF input +

Pin L: RF input -

Pin E: RF output +

Pin F: RF output -

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

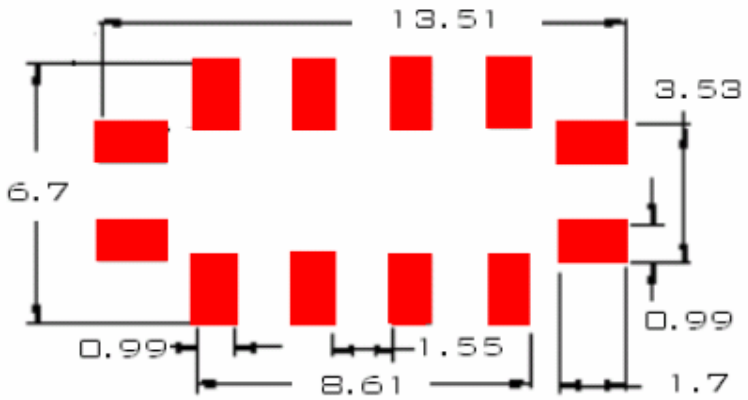
□ : Week Code (Follow the table from planner each year)

Unit : mm

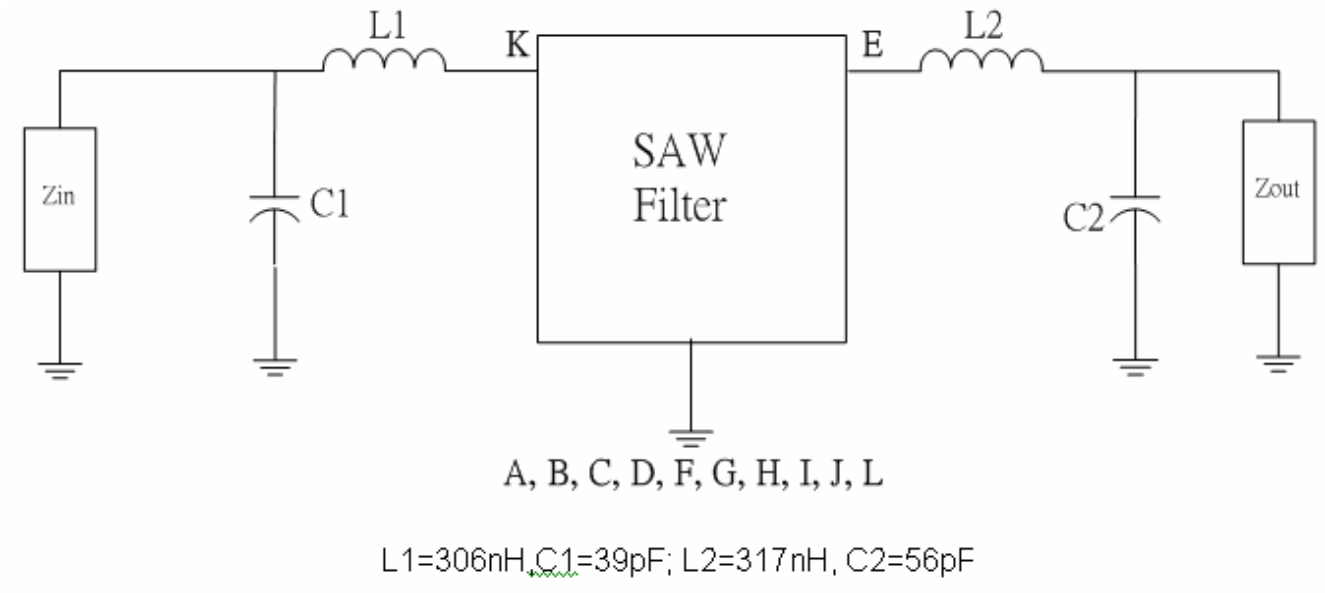
△ : Product / Year Code

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

E. PCB Footprint:

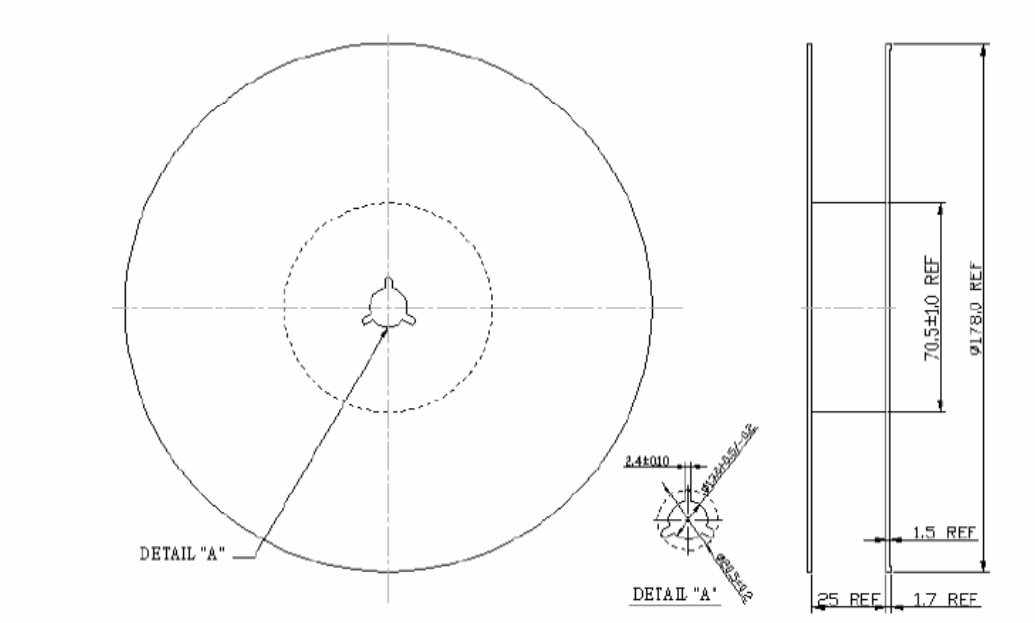


F. Matching Circuit: **Zin = Zout =50ohm**

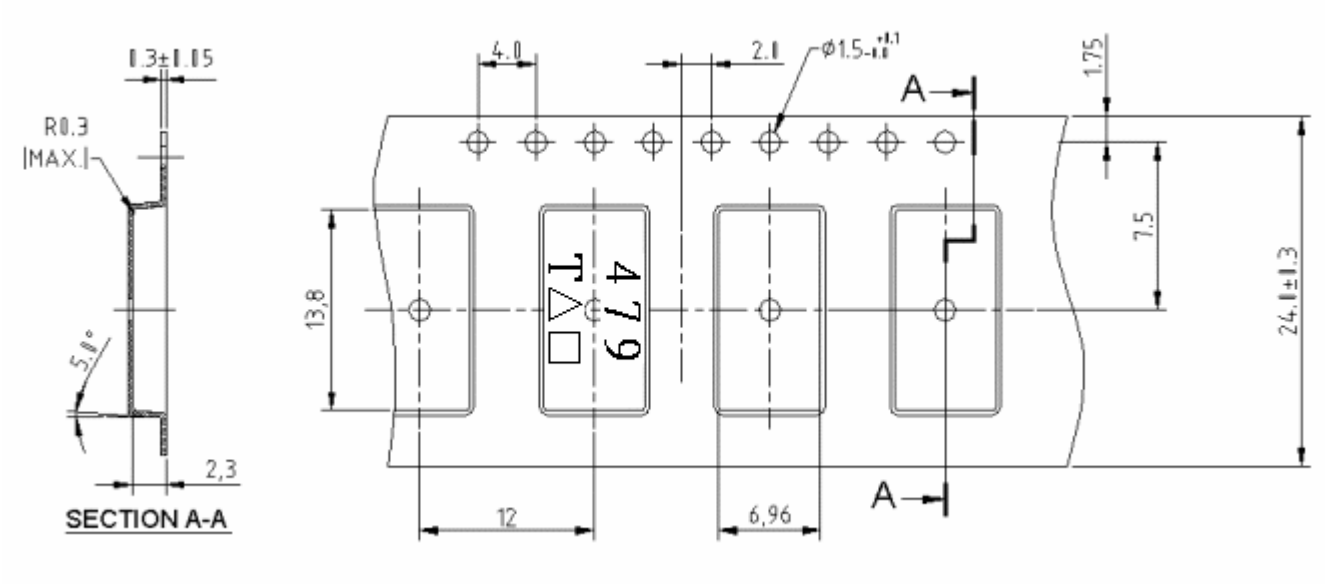


G. Packing:

(1). REEL DIMENSION:



(2). TYPE DIMENSION:



H. Recommended Reflow Profile: