



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: IF SAW Filter 590 MHz (SMD 13.3mmX6.5mm)

TST Parts No.:TB0288A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Andy Lee

Approval by:_____ Francis Chen

Date:_____ 2005/11/11



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IF SAW Filter 590 MHz SMD 13.3mmX6.5mm

MODEL NO.: TB0288A

REV. NO. 1

A. MAXIMUM RATING:.

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

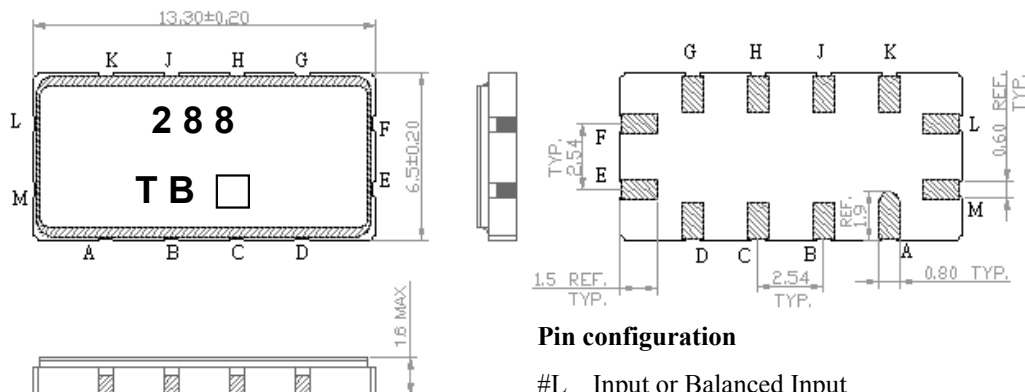
RoHS Compliant
Lead free
Lead-free soldering

B. Characteristics :

1. Ambient Temperature: 25 °

Item	Unit	Min.	Type.	Max.	Note
Center frequency, F_c	MHz	-	590	-	-
Minimum Insertion Loss, IL	dB	-	11.0	12.0	-
Amplitude ripple within $F_c \pm 0.12\text{MHz}$	MHz	-	0.3	1	-
1dB Bandwidth	MHz	0.39	0.77		-
40dB Bandwidth	MHz	-	3.58	4.00	-
Attenuation:(Reference level from Min IL)					
500MHz~587.7MHz	dB	40	55	-	-
592.3MHz~600MHz	dB	40	43	-	-

C.OUTLINE DRAWING:

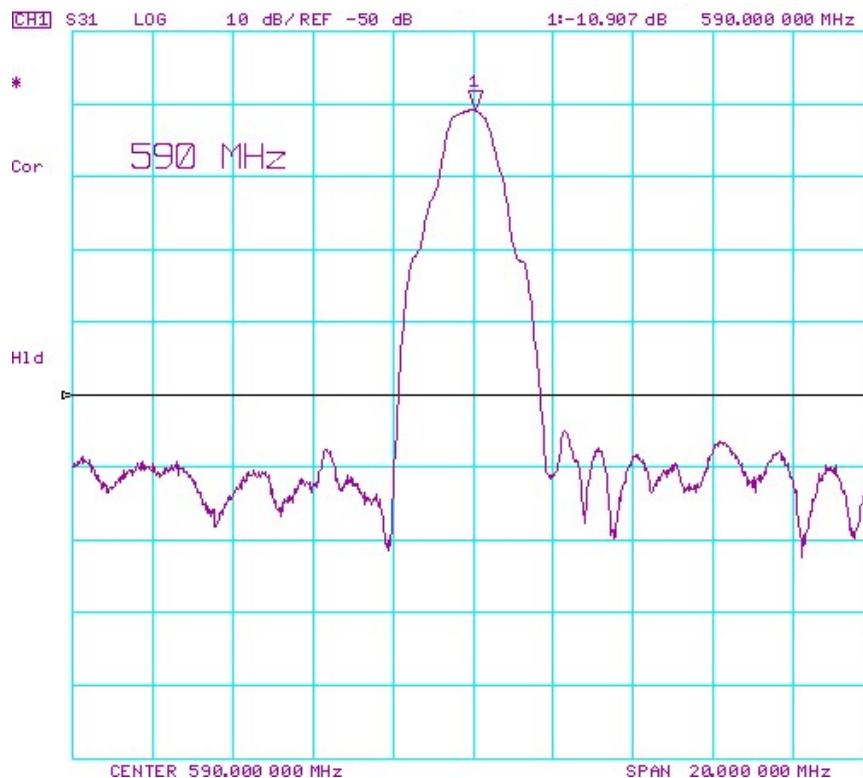


Pin configuration

- #L Input or Balanced Input
- #M Input ground or Balanced Input return
- #E Output or Balanced Output
- #F Output ground or Balanced Output return
- #A,B,C,D,G,H,J,K To be grounded
- ☐ Date code
- Unit mm

D. Frequency Characteristics :

1. S21 Response



Horizontal : 2MHz/Div

Vertical: 10dB/Div

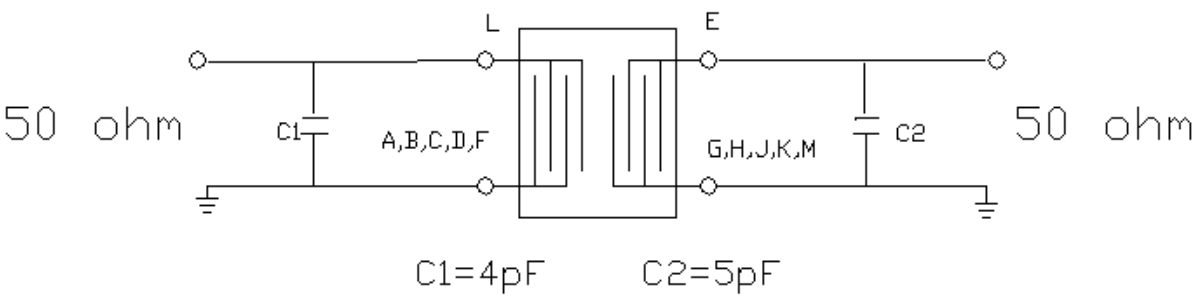
TAI-SAW TECHNOLOGY CO., LTD.

TST DCC
Release document

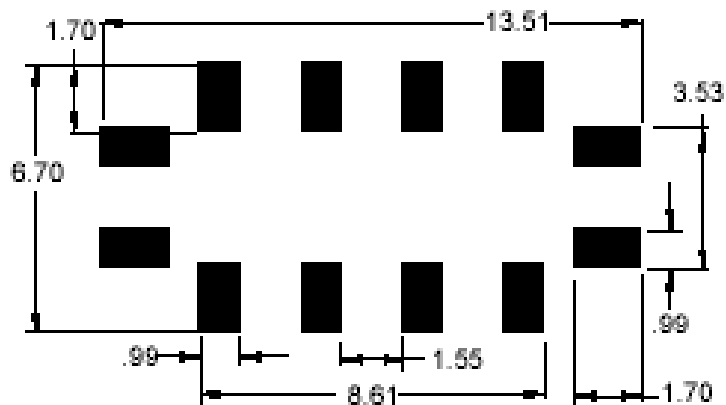
2. Pass band Ripple and Group Delay Ripple



E. TEST FIXTURE :

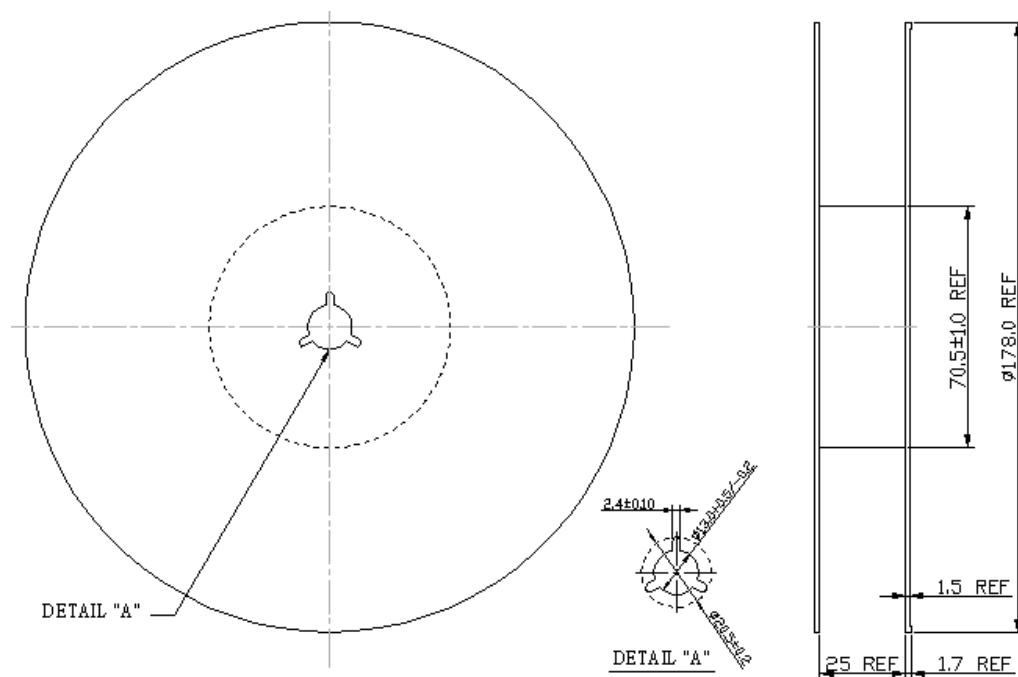


F. PCB FOOTPRINT



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

