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
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 1220 MHz

TST Parts No.:TA0194A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Andy Lee_____

Approval by:_____Francis Chen_____

Date:_____2005/2/18_____

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SAW Filter 1220 MHz SMD 3.8X3.8mm

MODEL NO.: TA0194A REV. NO.5

A. MAXIMUM RATING:

1.Operating Temperature: -40°C ~ +85°C

2.Storage Temperature: -40°C ~ +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. Characteristics :

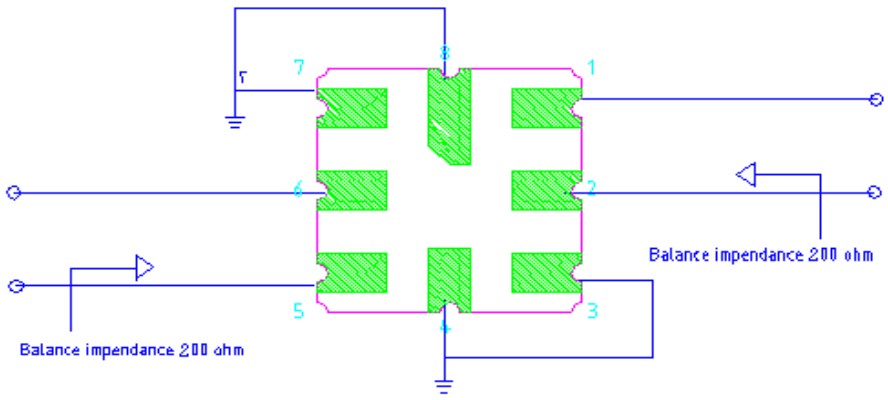
Balanced to Balanced operation

Terminating source impedance : Zs = 200 Ω

Terminating load impedance : Z_L = 200 Ω

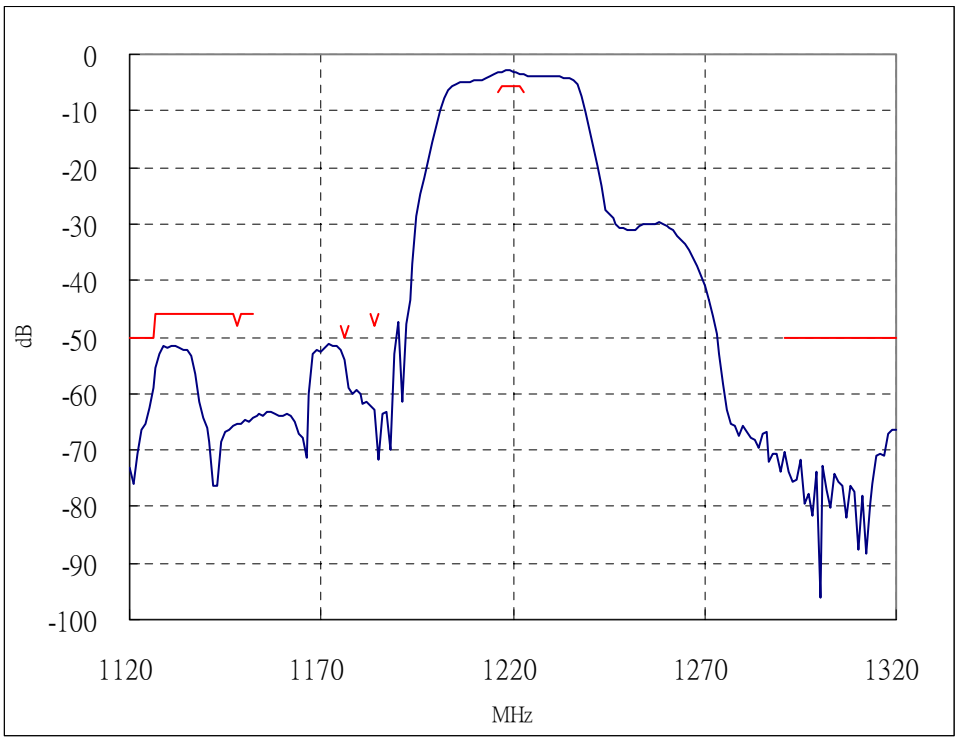
Characteristics	Value			Note
	Min.	Typ.	Max.	
Center frequency F_C MHz	-	1220	-	-
Insertion loss(1216~1224 MHz) I.L. dB	-	3.7	4.8	-
Ripple (1216~1224MHz) dB	-	0.8	1.5	-
Attenuation:(Reference level from 0 dB)				
1)500..Fc-93 MHz dB	50	60	-	-
2)Fc-93…Fc-85 MHz dB	46	53	-	-
3)Fc-85…Fc-68 MHz dB	46	53	-	-
5) Fc-88 MHz dB	50	55	-	-
6) Fc-72 MHz dB	48	65	-	-
7) Fc-44 MHz dB	50	54	-	-
8) Fc-36 MHz dB	46	62	-	-
9)Fc+70…2000 MHz dB	50	61	-	-
Group delay ripple(p-p) (1216~1224MHz) nS	-	40	-	

C. Measurement Circuit:

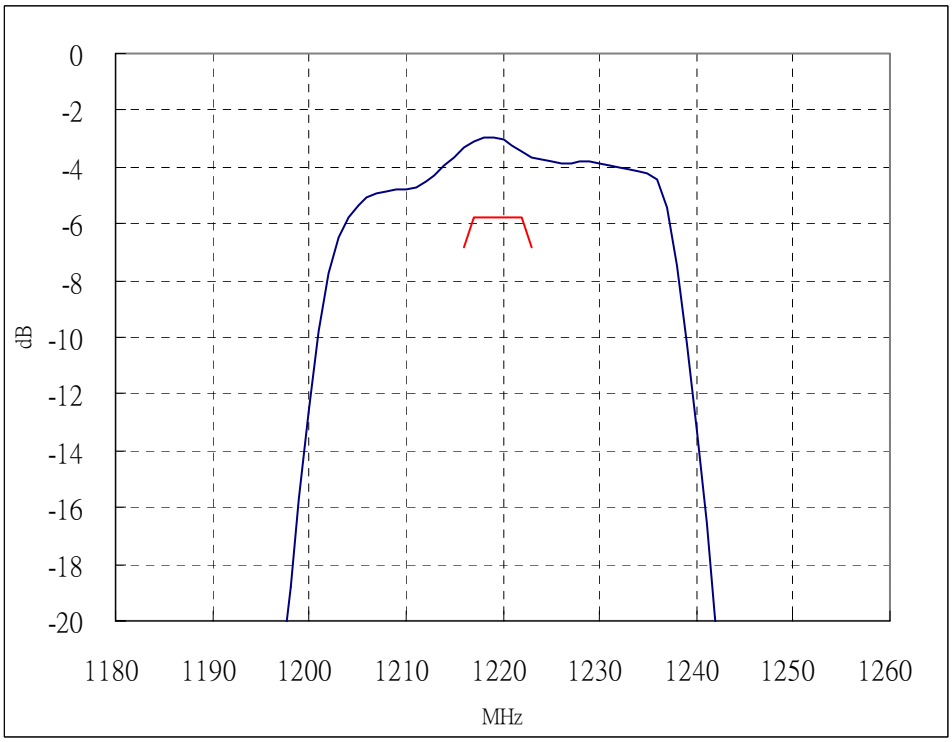


D. Frequency Characteristics :

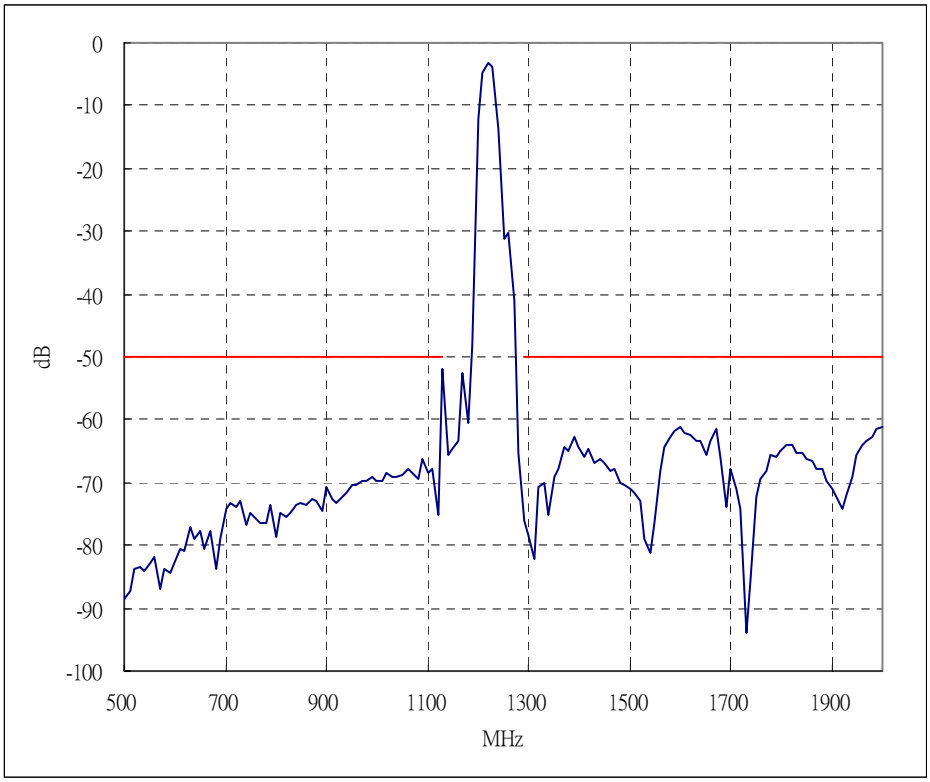
1. Sdd21 Response



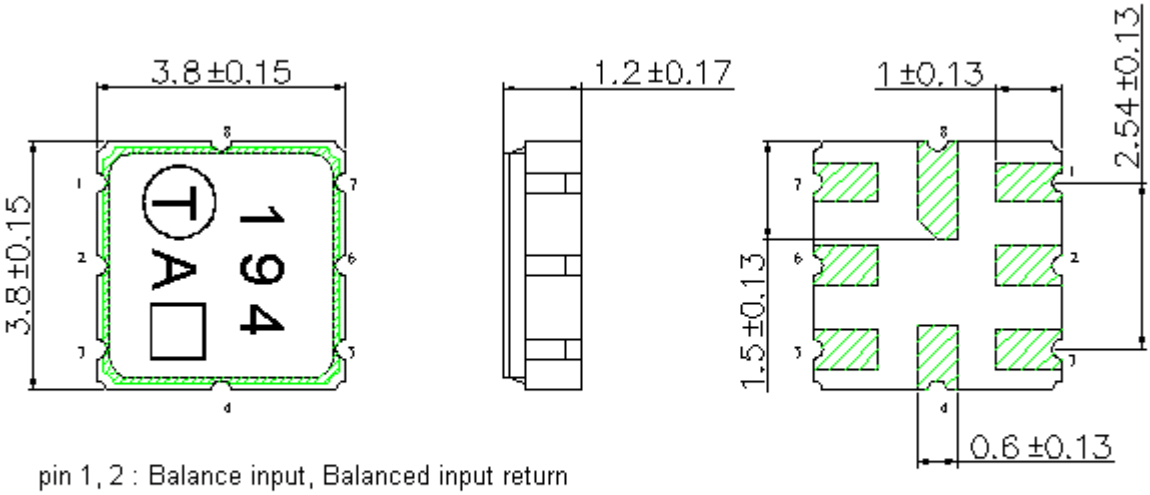
2. Sdd21 Response (Inband)



3. Sdd21 Response (wideband)



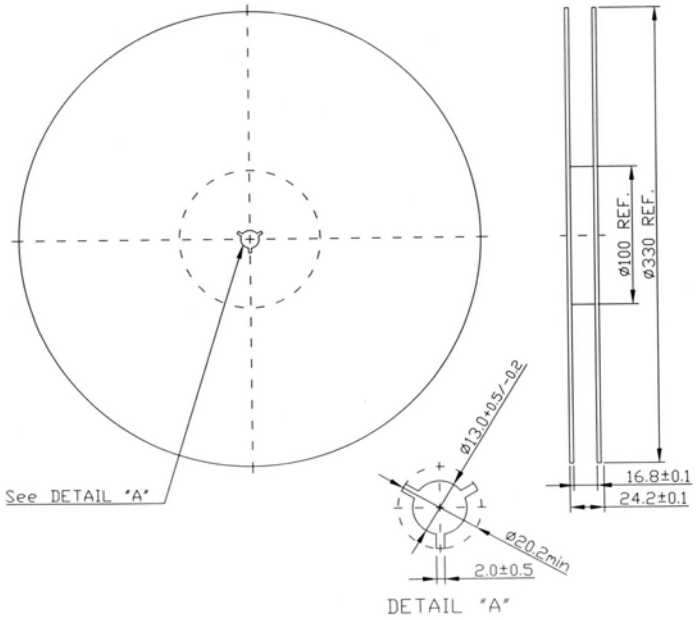
E. Outline Drawing:



pin 1, 2 : Balance input, Balanced input return
pin 5, 6 : Balanced output, Blanced output return
pin 3,4,7,8 : To be Ground
□ : Date code
Unit: mm

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

