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

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 1220MHz SMD 3.0×3.0mm

TST Parts No.:TA0304A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Elvis Chiu

Approval by: Francis Chen

Date: 2004/03/03

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SAW Filter 1220 MHz

MODEL NO.: TA0304A REV. No.:2

A. MAXIMUM RATING:

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

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

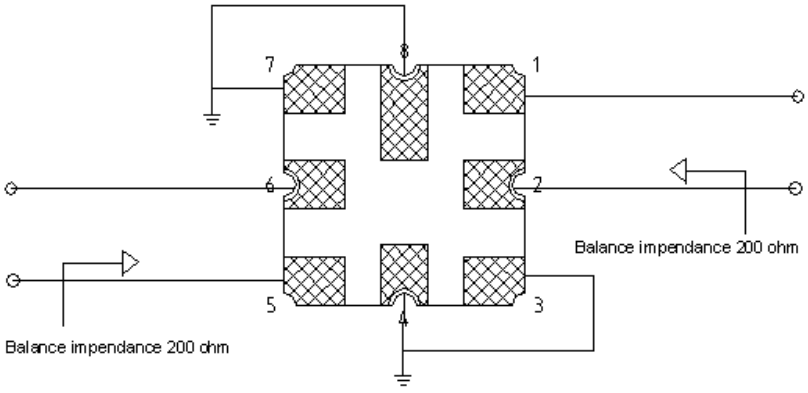
Balanced to balanced operation

Terminating source impedance: Z_S=200Ω

Terminating load impedance: Z_L=200Ω

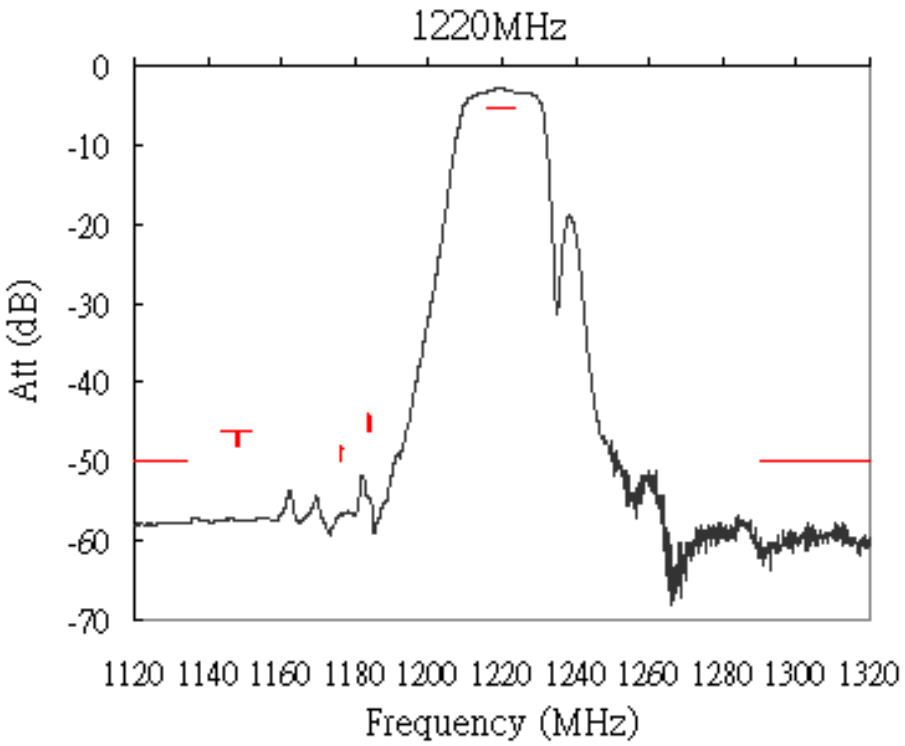
Characteristics	Value			Note
	Min.	Typ.	Max.	
Center frequency F_C MHz	-	1220	-	-
Insertion loss 1216~1224 MHz I.L. dB	-	3.4	5.3	-
Ripple 1216~1224MHz dB	-	0.6	1.8	-
Attenuation:(Reference level from 0 dB)				
1) 500..Fc-91MHz dB	50	57	-	-
2)Fc-91…Fc-85 MHz dB	50	57	-	-
3)Fc-76…Fc-68 MHz dB	46	57	-	-
5) Fc-88 MHz dB	50	57	-	-
6) Fc-72 MHz dB	48	57	-	-
7) Fc-44 MHz dB	50	56	-	-
8) Fc-36 MHz dB	46	55	-	-
9)Fc+70…2000 MHz dB	50	55	-	-
Group delay ripple(p-p) (1216~1224MHz) nS	-	12	-	

C. MEASUREMENT CIRCUIT:

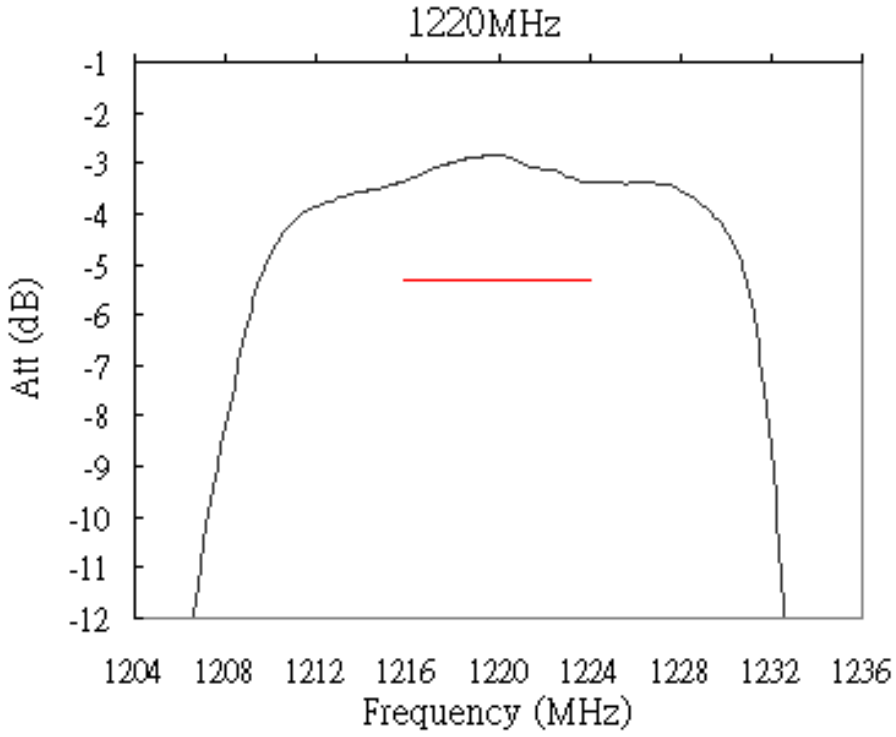


D. Frequency Characteristics :

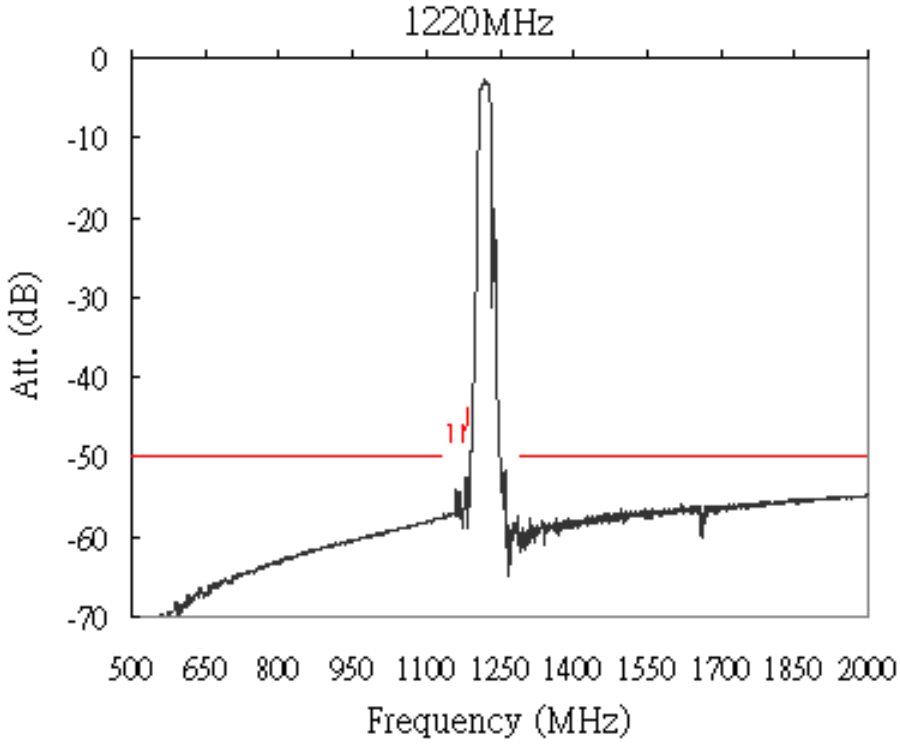
1. Sdd21 Response



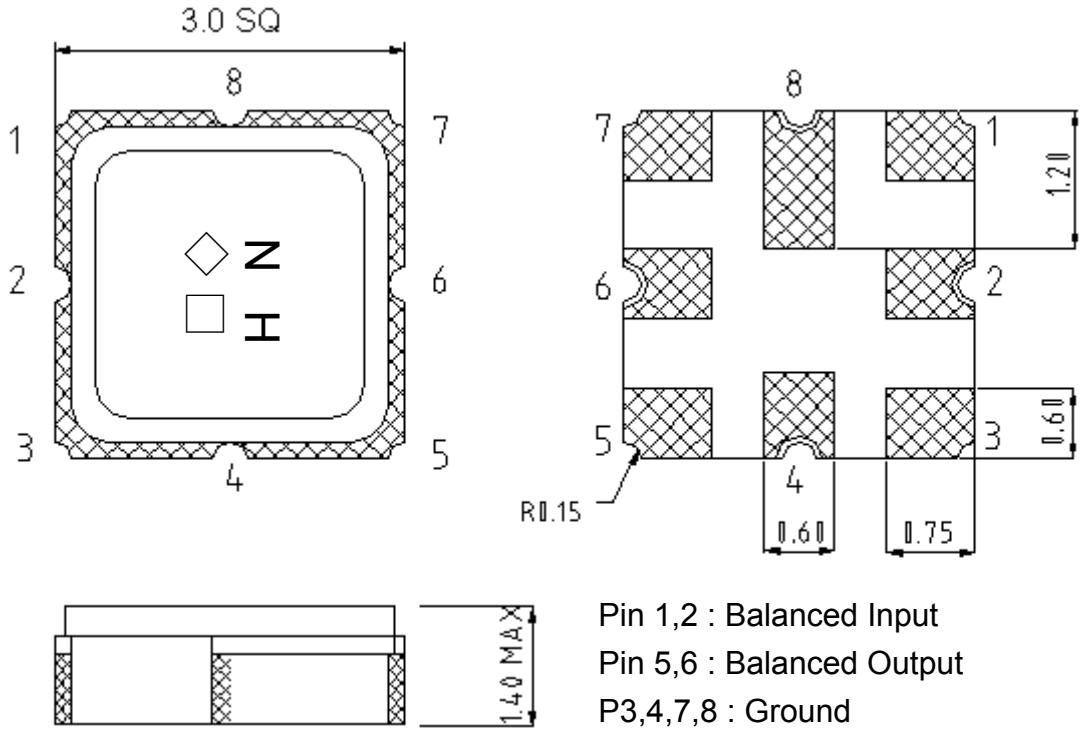
2. Sdd21 Response (Inband)



3. Sdd21 Response (wideband)



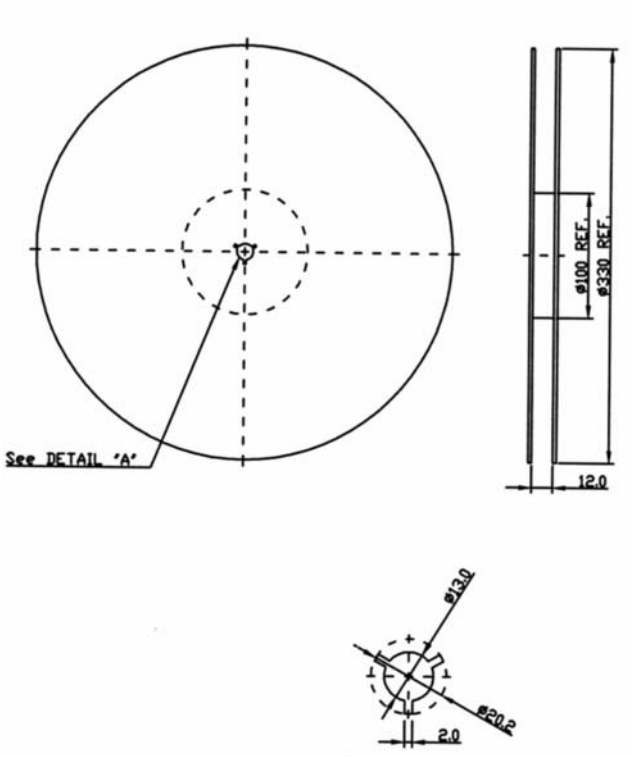
E.OUTLINE DRAWING:



Pin 1,2 : Balanced Input
Pin 5,6 : Balanced Output
P3,4,7,8 : Ground
◇ : Year Code
□ : Date Code
Unit : mm

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

