



# TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,  
Taoyuan, 324, Taiwan, R.O.C.

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## Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 1216.88 MHz SMD 3.0×3.0mm

TST Parts No.:TA0288A

Customer Parts No.:\_\_\_\_\_

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

Checked by:\_\_\_\_\_ Elvis Chiu

Approval by:\_\_\_\_\_ Francis Chen

Date:\_\_\_\_\_ 2004/03/02



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## SAW Filter 1216.88 MHz

MODEL NO.: TA0288A

REV. NO.2

### A. MAXIMUM RATING:

1. Operating Temperature: 35°C ~ 75°C
2. Storage Temperature: -40°C ~ +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

### B. Characteristics :

Balanced to Balanced operation

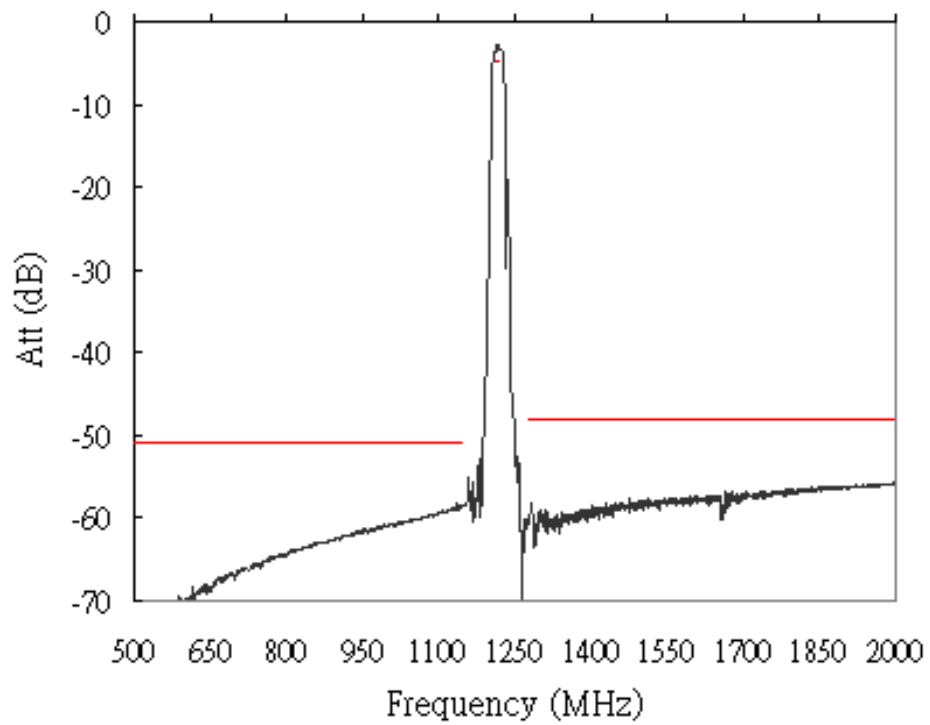
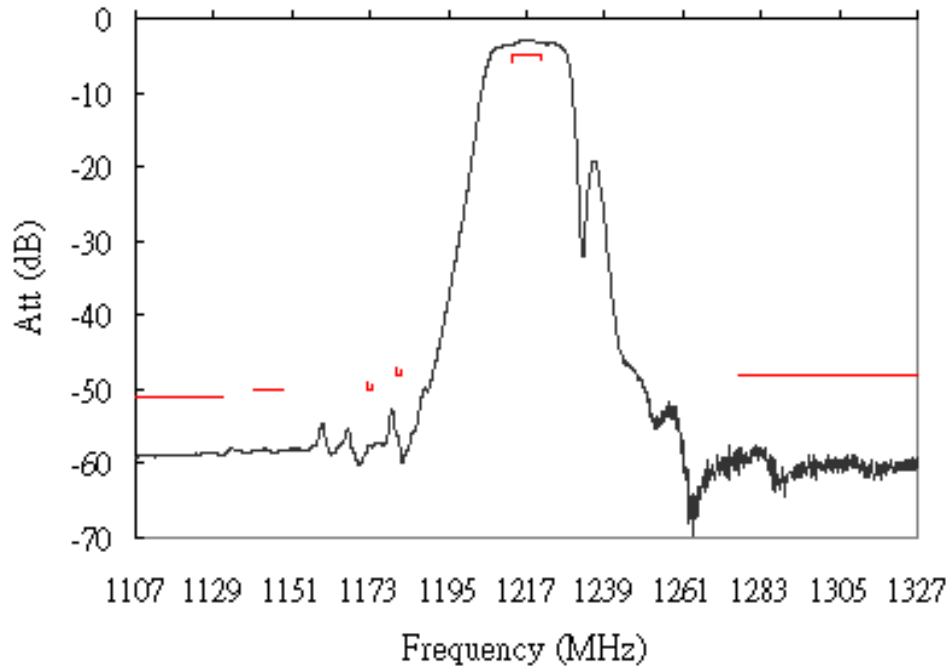
Terminating source impedance :  $Z_s = 200 \Omega$

Terminating load impedance :  $Z_L = 200 \Omega$

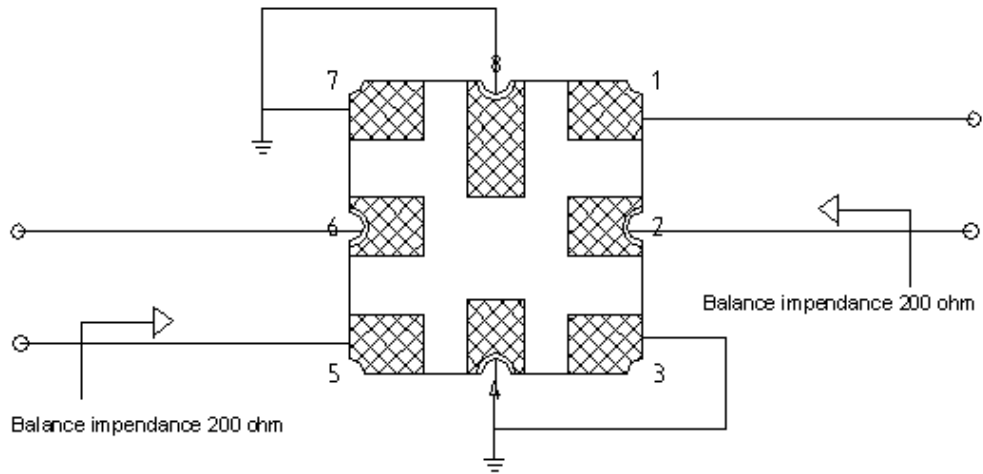
Characteristics	Value			Unit
	Min.	Typ.	Max.	
Center frequency $F_C$	-	1216.88	-	MHz
Insertion loss 1212.88~1220.88 MHz I.L.	-	3.4	4.9	dB
Ripple 1212.88~1220.88 MHz	-	0.7	1.5	dB
Bandwidth $BW_{-3dB}$	19.6	22.6		
Attenuation:( Reference level from 0 dB)				
1) 500...Fc-91MHz	51	58	-	dB
2)Fc-91...Fc-85 MHz	51	58	-	dB
3)Fc-76...Fc-68 MHz	50	57	-	dB
5) Fc-88 MHz	51	58	-	dB
6) Fc-72 MHz	50	57	-	dB
7) Fc-44 MHz	50	57	-	dB
8) Fc-36 MHz	47	56	-	dB
9)Fc+60...2000 MHz	48	56	-	dB
Group delay ripple(p-p) ( 1216~1224MHz)	-	14	-	ns

### C. Frequency Characteristics :

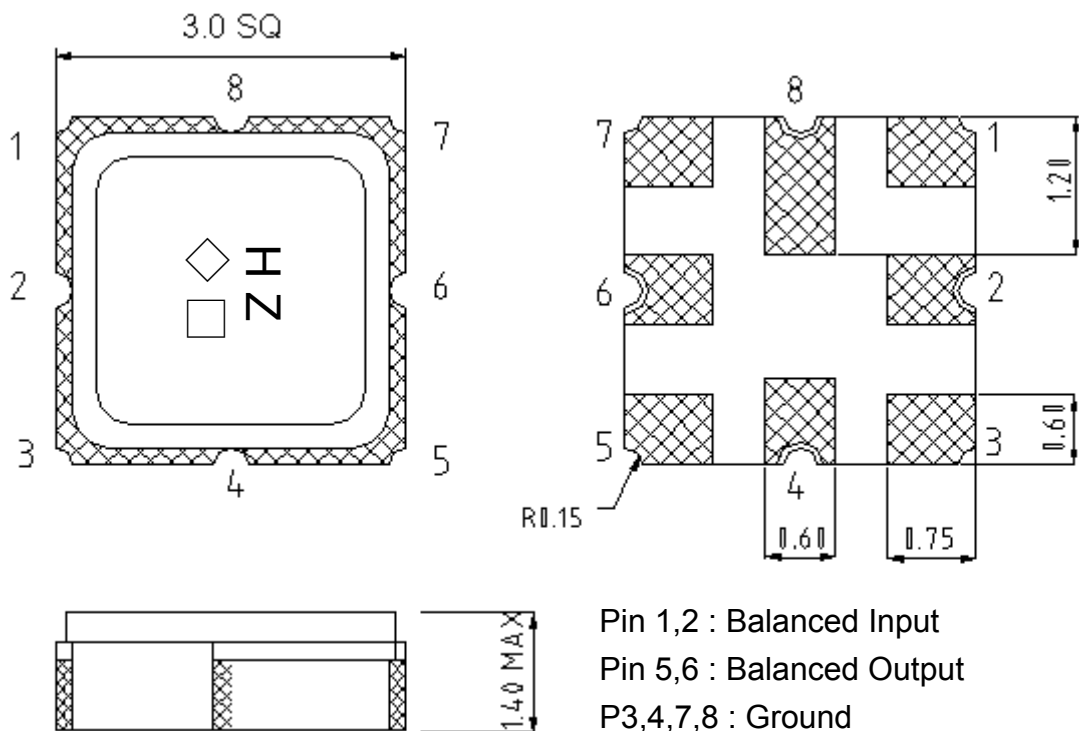
#### 1. Sdd21 Response



**D. MEASUREMENT CIRCUIT:**



**E. OUTLINE DRAWING:**



Pin 1,2 : Balanced Input

Pin 5,6 : Balanced Output

P3,4,7,8 : Ground

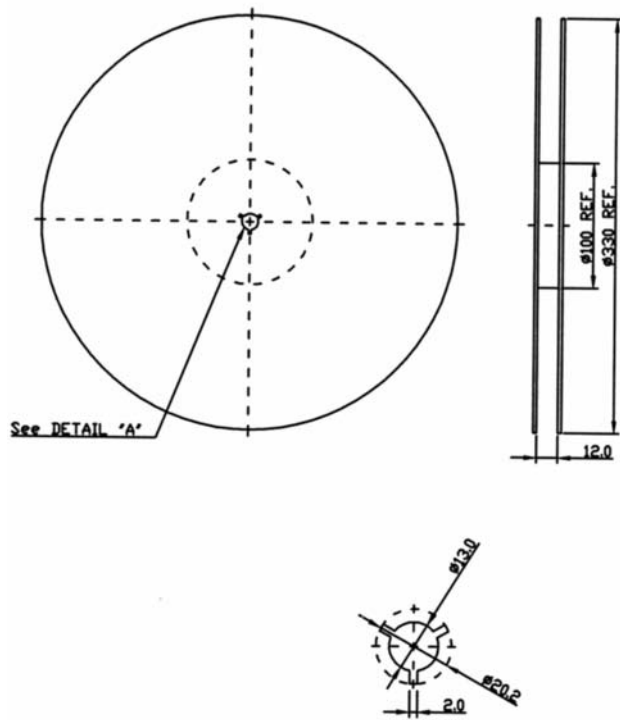
◇ : Year Code

□ : Date Code

Unit : mm

**F. PACKING:**

**1. REEL DIMENSION**



**2. TAPE DIMENSION**

