



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: SAW Filter 1220 MHz

TST Parts No.:TA0259A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Andy Lee

Approval by:_____ Francis Chen

Date:_____ 2002/1/15



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SAW Filter 1220 MHz SMD 3.8X3.8mm

MODEL NO.: TA0259A

REV. NO.1

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 :

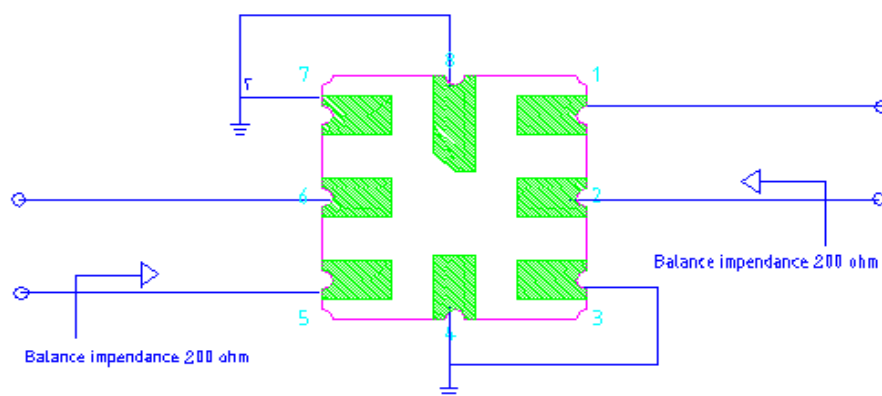
Balanced to Balanced operation

Terminating source impedance : $Z_s = 200 \Omega$

Terminating load impedance : $Z_L = 200 \Omega$

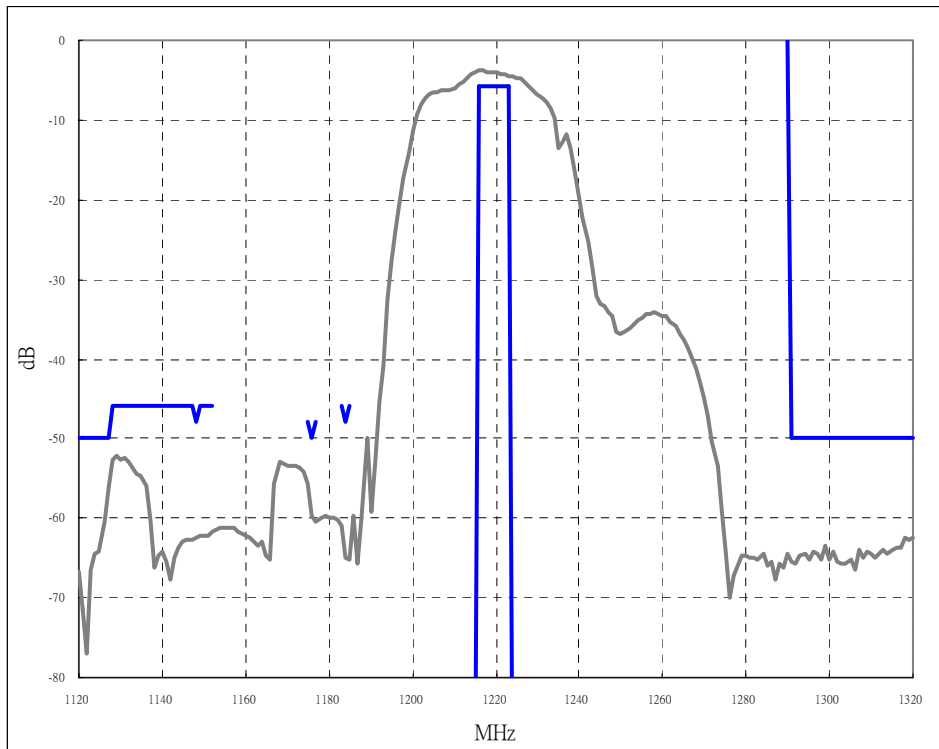
Characteristics		Value			Note
		Min.	Typ.	Max.	
Center frequency F_c	MHz	-	1220	-	-
Insertion loss(1216~1224 MHz) I.L.	dB	-	4.7	5.8	-
Ripple (1216~1224MHz)	dB	-	0.7	1.5	-
Attenuation:(Reference level from 0 dB)					
1)500.. F_c -93	MHz dB	50	56	-	-
2) F_c -93... F_c -85	MHz dB	46	53	-	-
3) F_c -85... F_c -68	MHz dB	46	56	-	-
5) F_c -88	MHz dB	50	53	-	-
6) F_c -72	MHz dB	48	62	-	-
7) F_c -44	MHz dB	50	60	-	-
8) F_c -36	MHz dB	46	65	-	-
9) F_c +70...2000	MHz dB	50	64	-	-
Group delay ripple(p-p) (1216~1224MHz)	nS	-	10	-	-

C. Measurement Circuit:

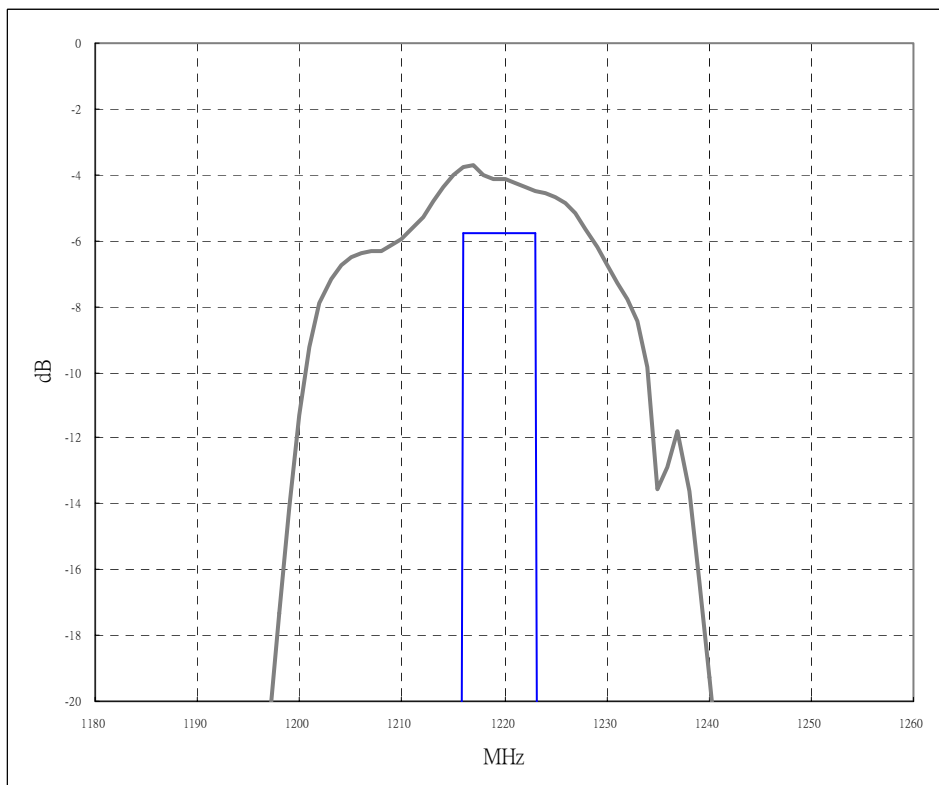


D. Frequency Characteristics :

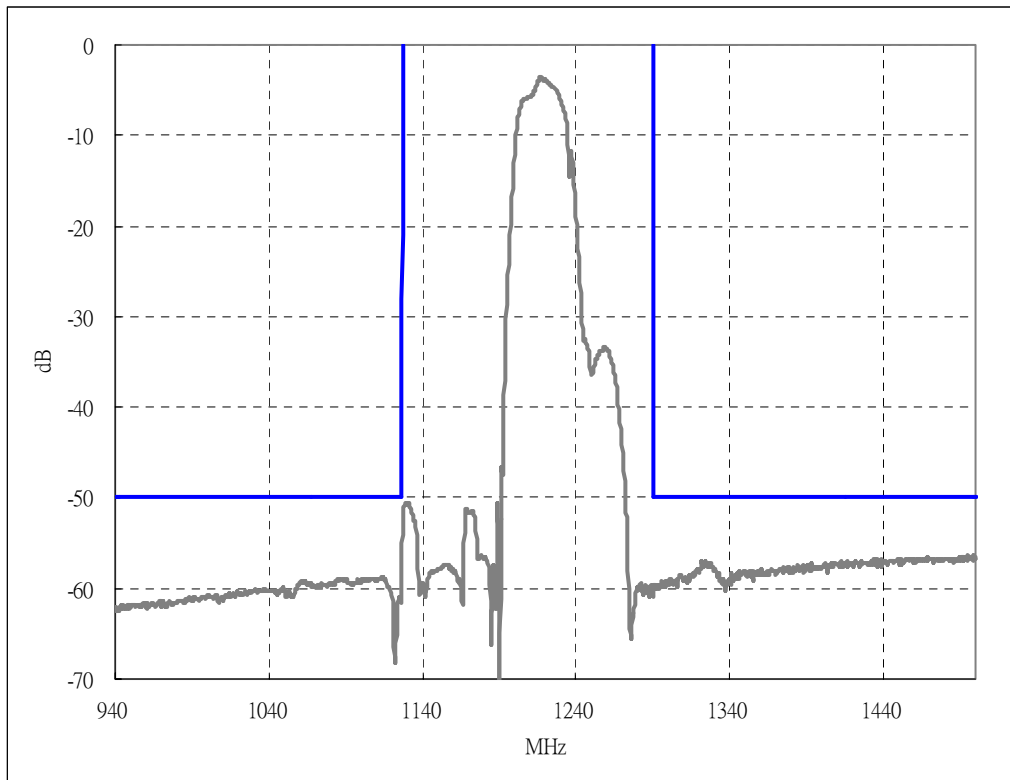
1. Sdd21 Response



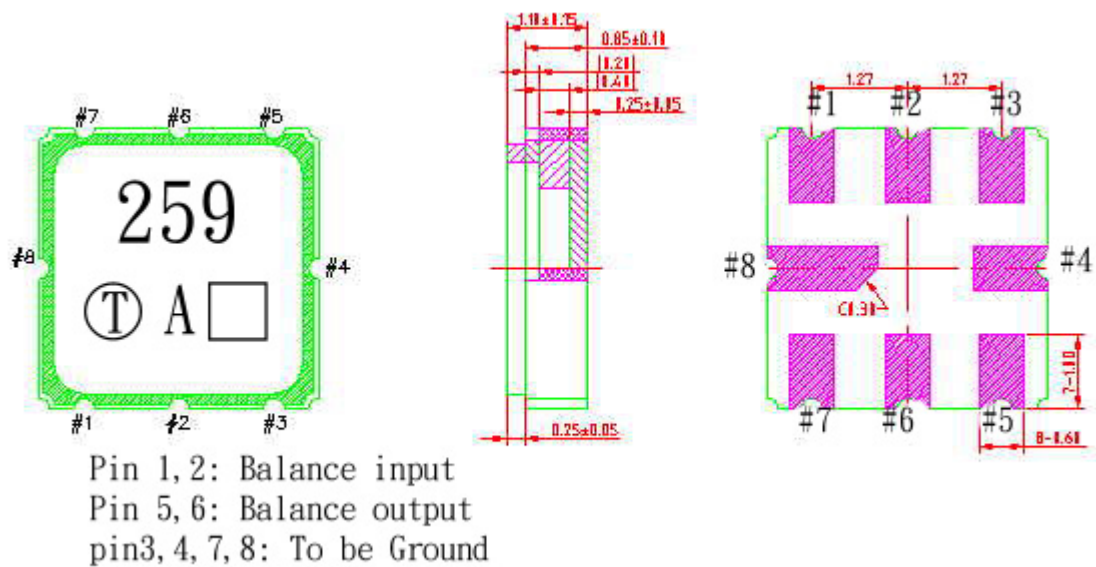
2. Sdd21 Response (Inband)



3. Sdd21 Response (wideband)

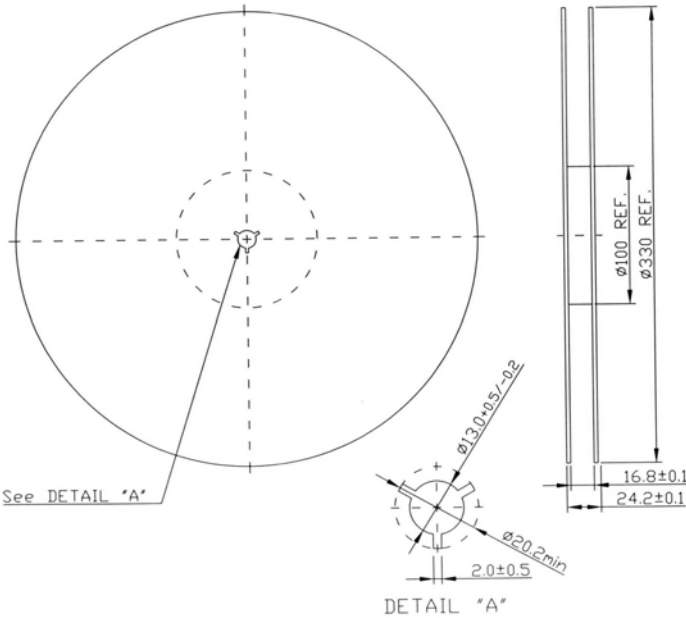


E. Outline Drawing:



F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

