



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 1086 MHz SMD3.0X3.0 mm

TST Parts No.:TA0227A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Andy Lee

Approval by:_____ Francis Chen

Date:_____ 2006/5/05



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SAW Filter 1086 MHz

MODEL NO.: TA0227A

REV. NO.:3

A. MAXIMUM RATING:

1. Operating Temperature: -40(C ~ +85(C
2. Storage Temperature: -40(C ~ +85(C

RoHS Compliant
Lead free
Lead-free soldering

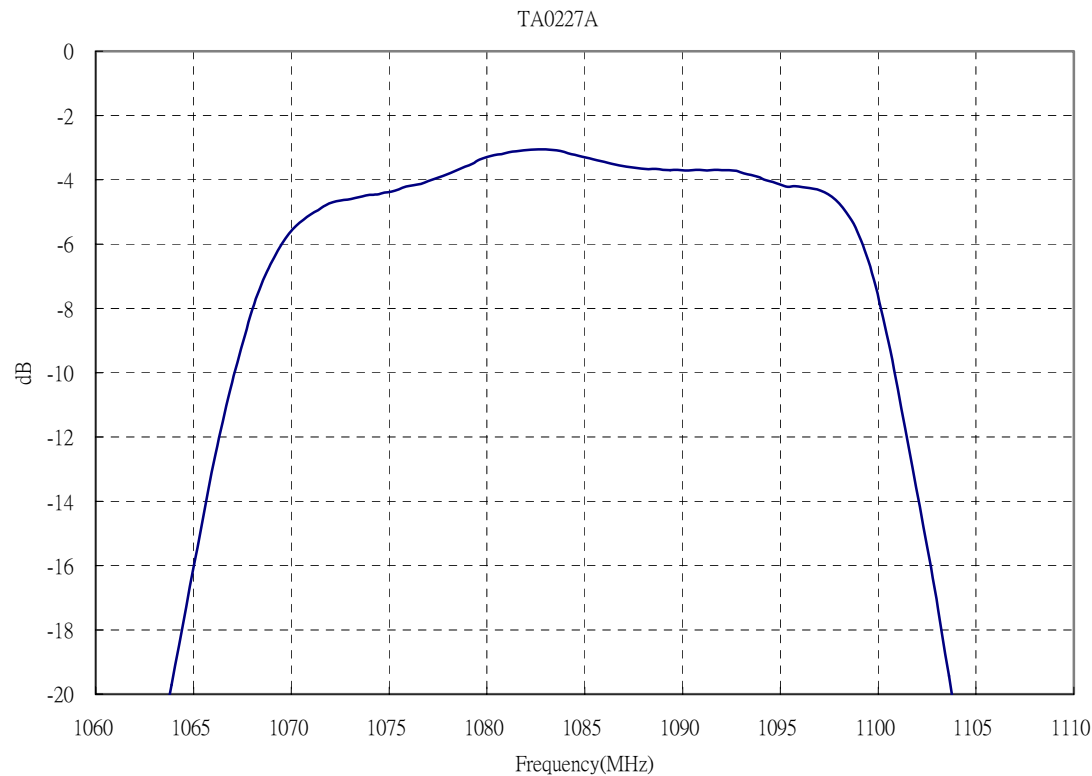
B. Characteristics :

1. Balance to Balanced operation
2. Terminating source impedance : $Z_s = 200 \Omega$
3. Terminating load impedance : $Z_L = 200 \Omega$

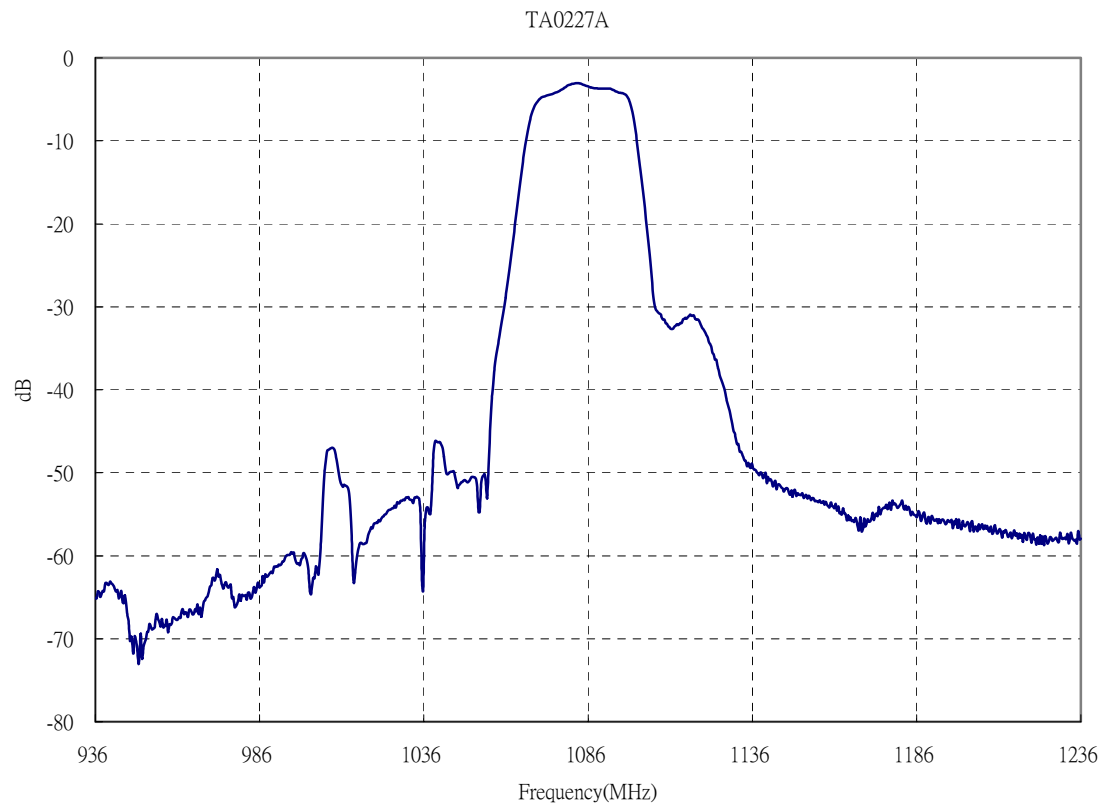
Characteristics	Value			Note
	Min.	Typ.	Max.	
Center frequency F_c MHz	-	1086	-	-
Insertion loss(1081~1091 MHz) I.L.min dB	-	3.1	5.0	-
Ripple (1081~1091MHz)(over 6MHz) dB	-	0.8	1.5	-
Attenuation:(Reference level from I.L.min)				
500~988 MHz dB	50	52	-	-
988~1002 MHz dB	48	57	-	-
1038~1046 MHz dB	40	43	-	-
1156~1600 MHz dB	40	50	-	-
Phase Balance (1081~1091 MHz) deg.	-	10	-	-
Group delay ripple(p-p) (1081~1091MHz) nS	-	10	-	-

C. Frequency Characteristics :

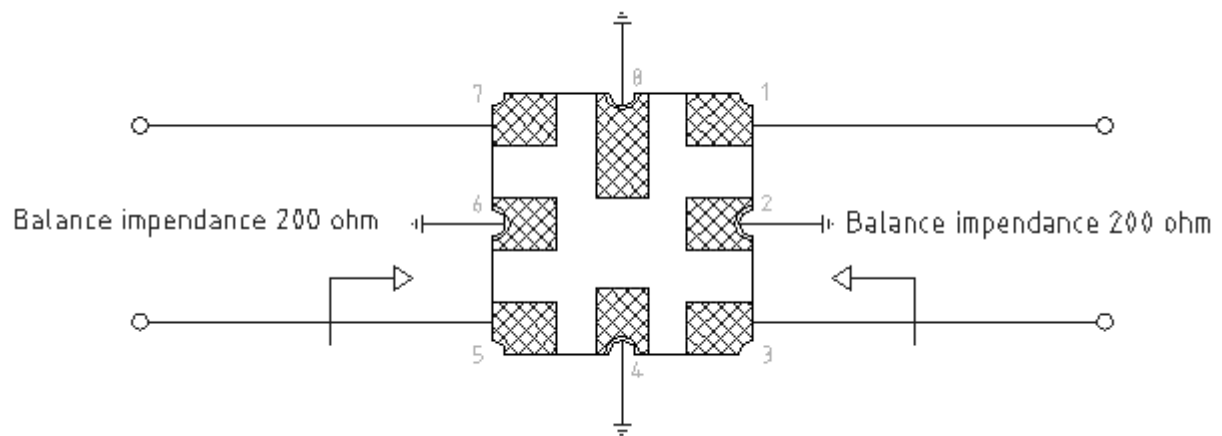
1. Sdd21 Response



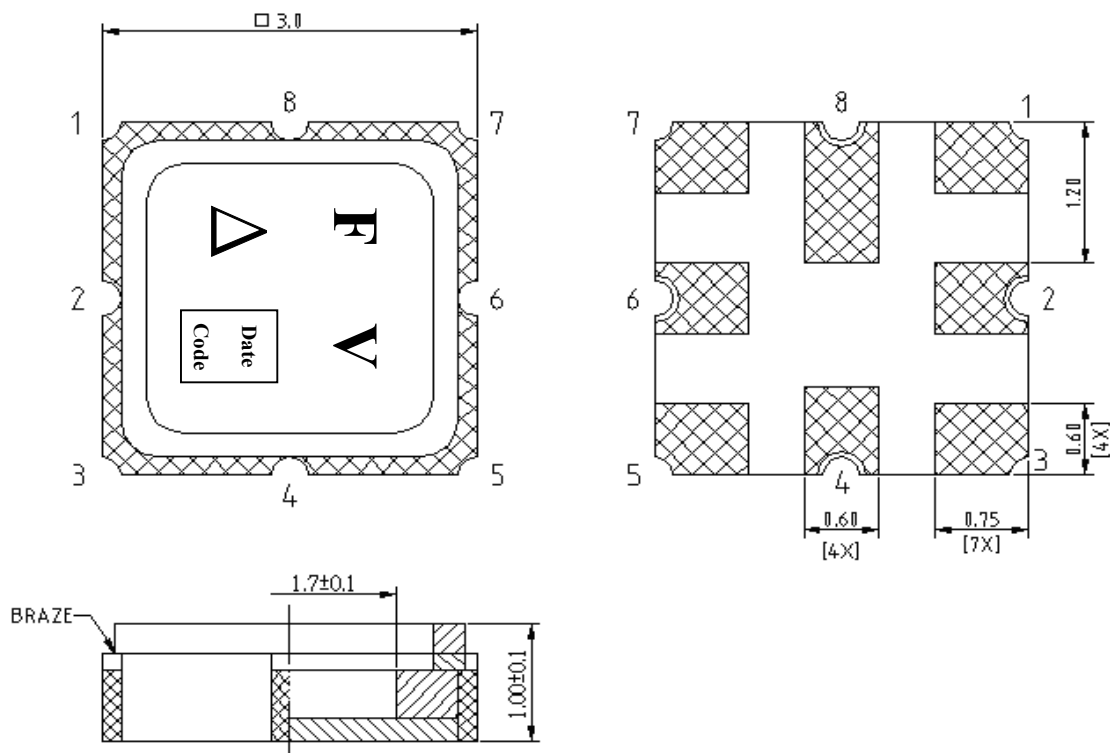
2. Sdd21 Response (wide band)



D. Measurement Circuit:



E. Outline Drawing:

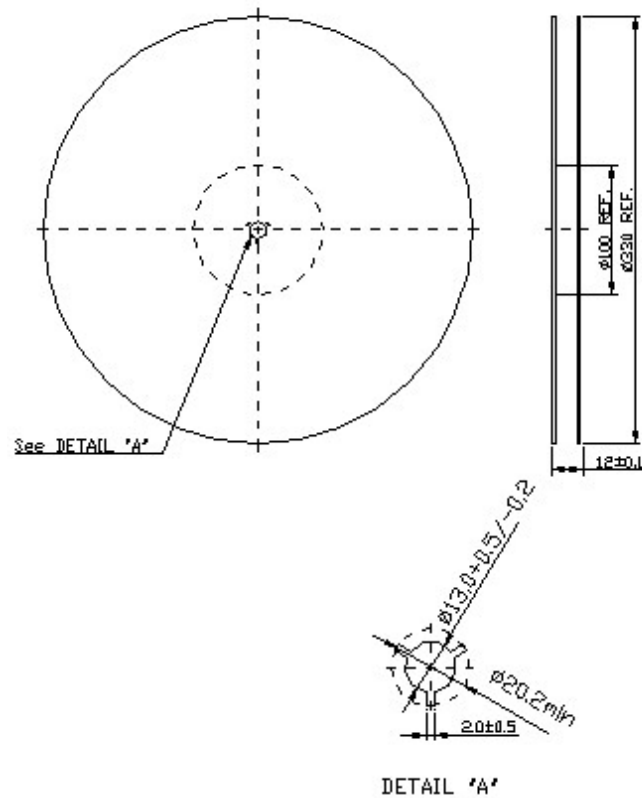


Pin configuration

1,3	Balanced input
5,7	Balanced output
2,4,6,8	Case grounded
Δ: Half year code	
□: Date code	

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

