

SAW Filter 1086MHz
Part No: MA05509

Model: TA0227A
Rev No: 2

A. MAXIMUM RATING:

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

B. CHARACTERISTICS:

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

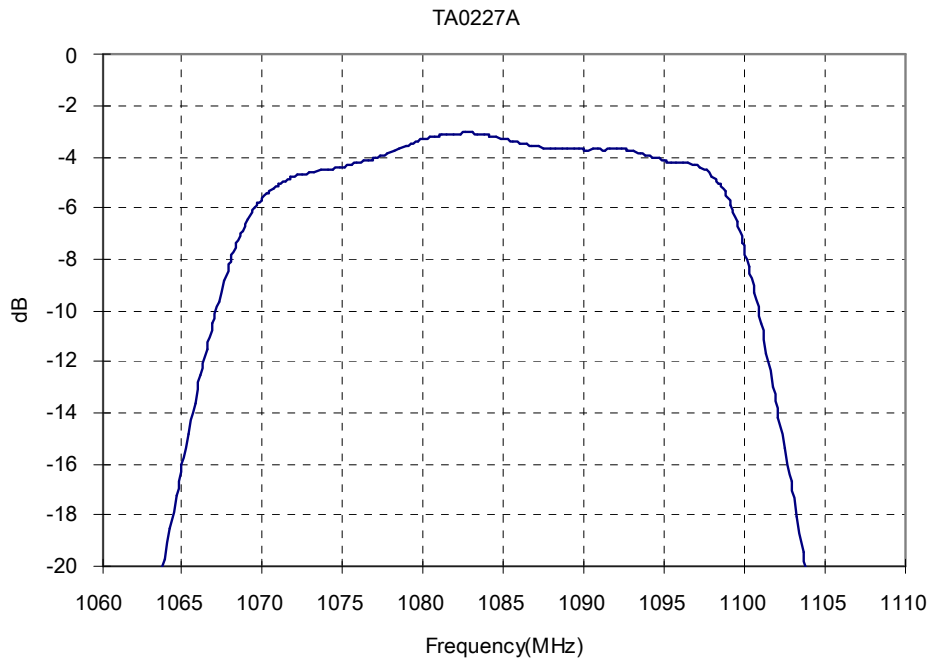
Characteristics	Value			Note
	Min.	Typ.	Max.	
Center frequency Fc MHz	-	1086	-	-
Insertion loss (1081 ~ 1091MHz) IL min dB	-	3.1	5.0	-
Ripple (1081 ~ 1091MHz) (over 6MHz) dB	-	0.8	1.5	-
Attenuation: (Reference level from IL min)				
500 ~ 988MHz dB	50	52	-	-
988 ~ 1002MHz dB	52.5	57	-	-
1038 ~ 1046MHz dB	40	43	-	-
1156 ~ 1600MHz dB	40	50	-	-
Phase Balance (1081 ~ 1091MHz) deg	-	10	-	-
Group delay ripple (p-p) (1081 ~ 1091MHz) nS	-	10	-	-

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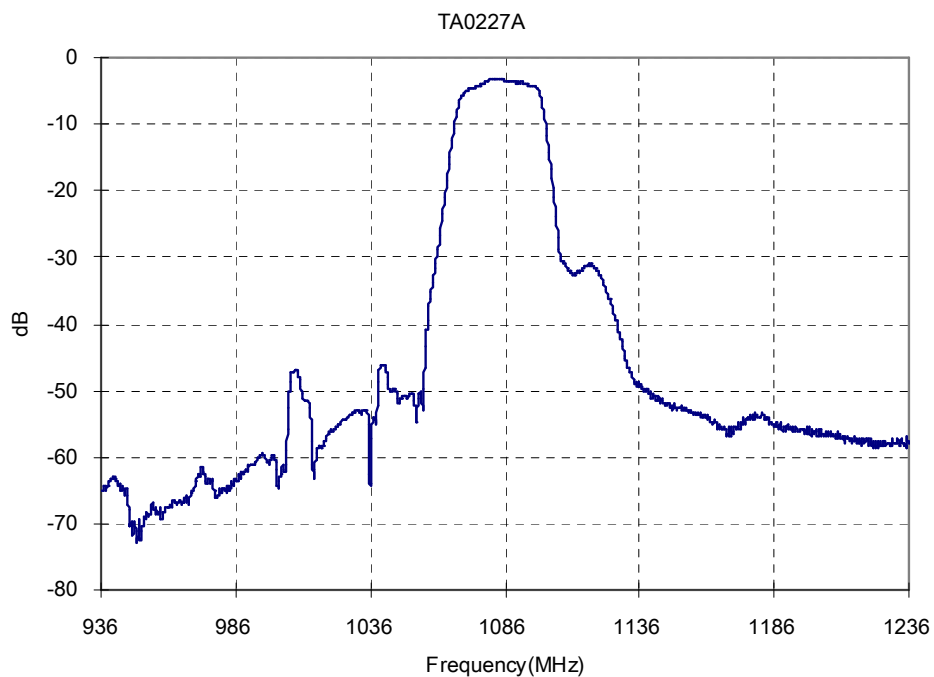
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C. FREQUENCY CHARACTERISTICS:

1. Sdd21 Response



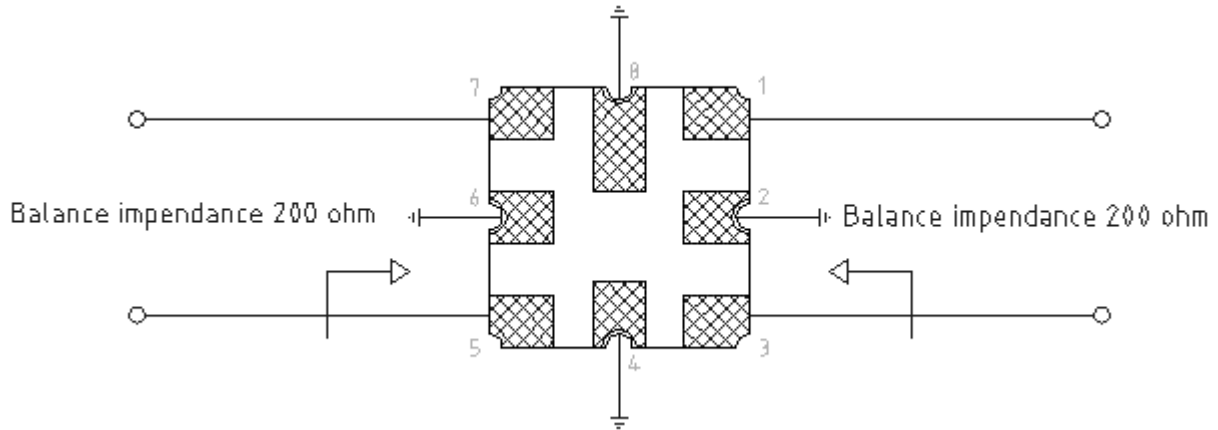
2. Sdd21 Response (wide band)



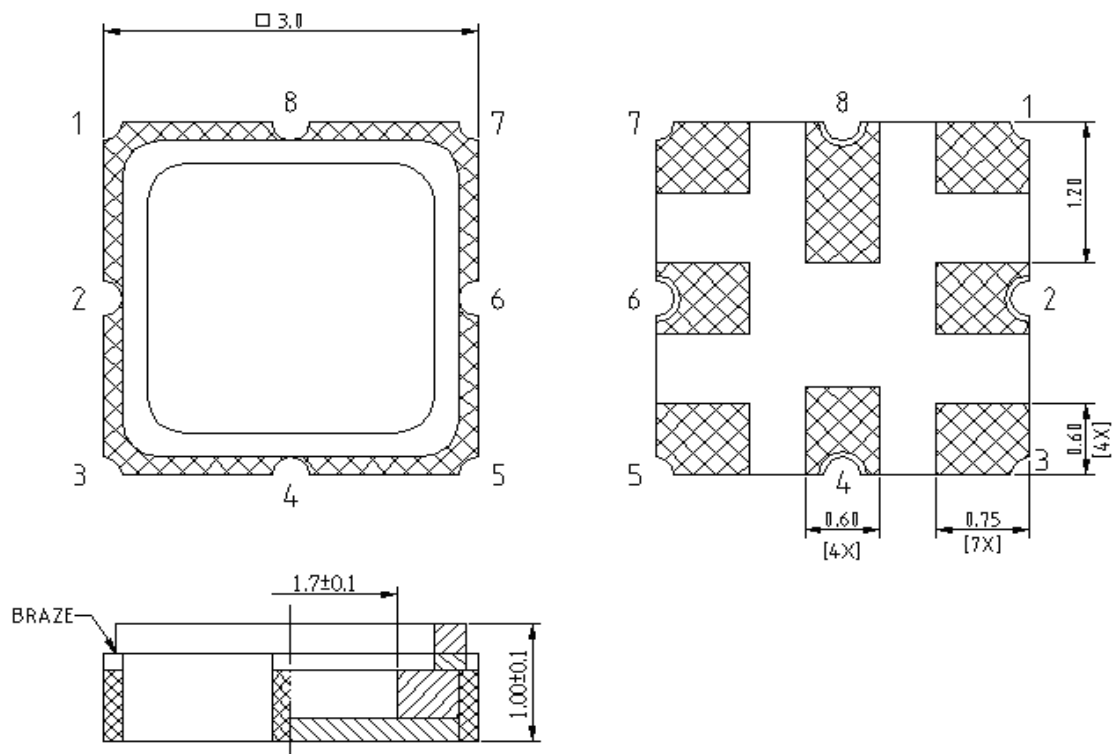
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D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



- 1, 3: Balanced input
- 5, 7: Balanced output
- 2, 4, 6, 8: Case grounded

