

SAW Filter 80.0MHz

Model: TB0292A

Part No: MA07632

Rev No: 5

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. Operating Temperature: -40°C to +65°C
3. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz		80	-
Insertion Loss IL at Fc	dB		9.89	11.5
1dB Bandwidth	MHz	8.4	11	
3dB Bandwidth	MHz	9.0	11.7	
35dB Bandwidth	MHz	-	14.2	
Amplitude Ripple in Fc $\pm$ 3.7MHz	dB	-	0.6	1.0
Group Delay ripple in Fc $\pm$ 3.7MHz	ns	-	110	160
Relative Attenuation:				
10 to 71	dB	40	43	
89 to 140	dB	40	44	
Substrate Material			YZ-LN	
Temperature Coefficient of Frequency	ppm/°C		-94	

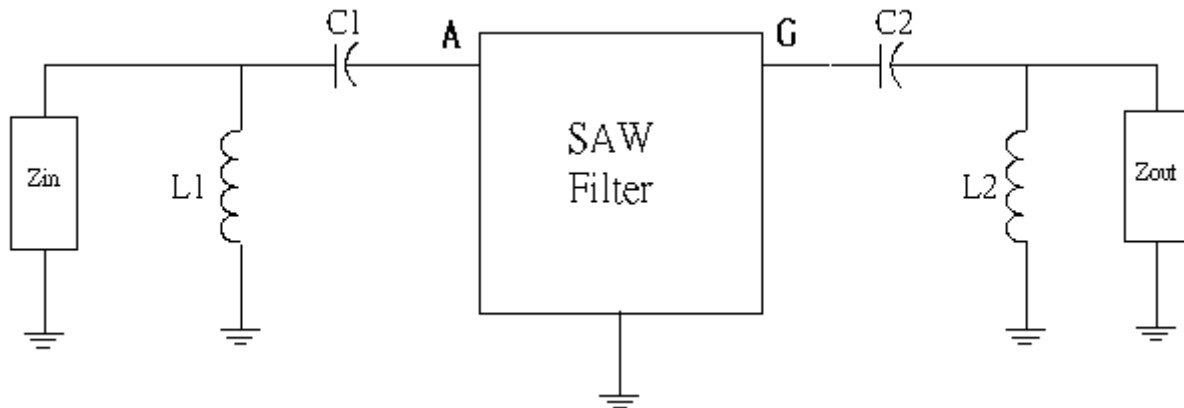
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E. MEASUREMENT CIRCUIT:



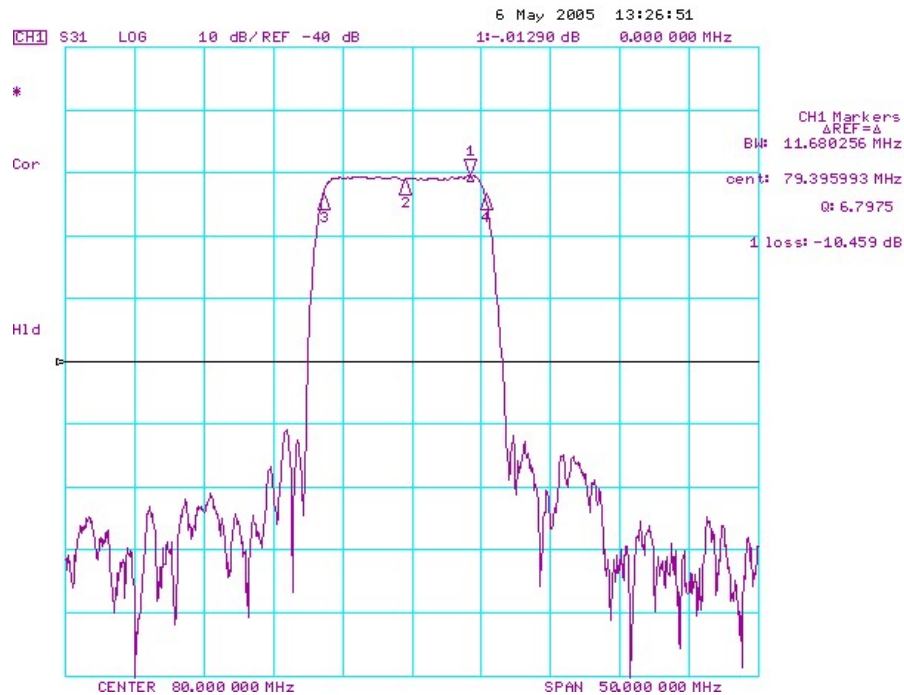
$C1 = 68\text{pF}$, $L1 = 270\text{nH}$, $C2 = 72\text{pF}$, $L2 = 150\text{nH}$

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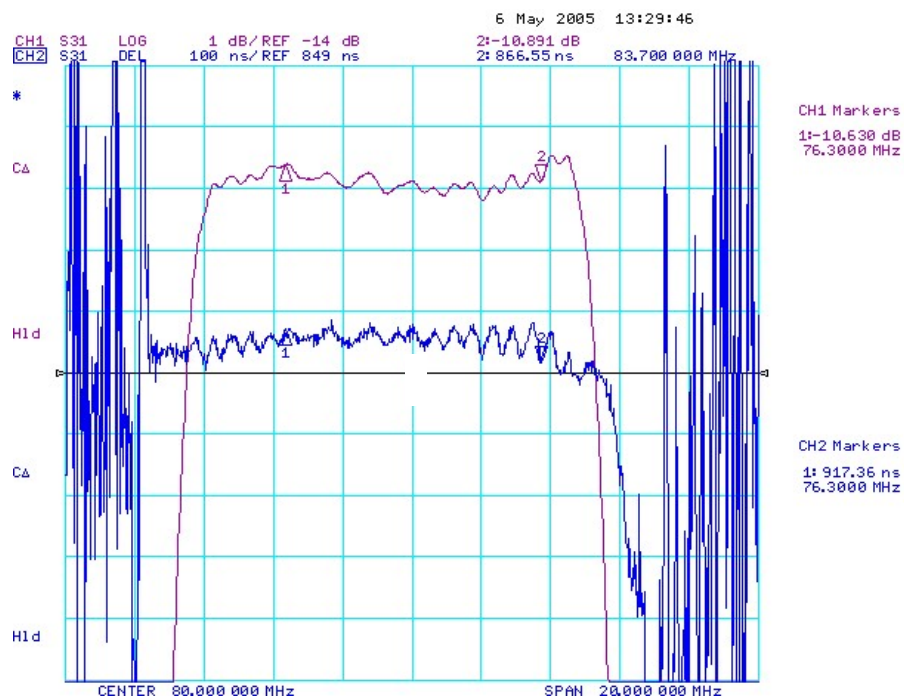
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F. FREQUENCY CHARACTERISTICS:

1. S21 Response:



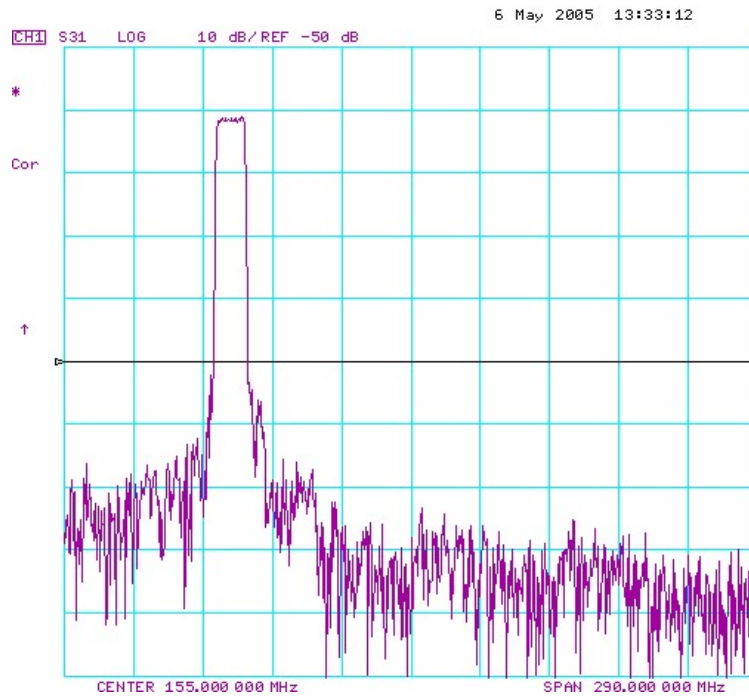
2. Group delay:



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3. Wideband Response:



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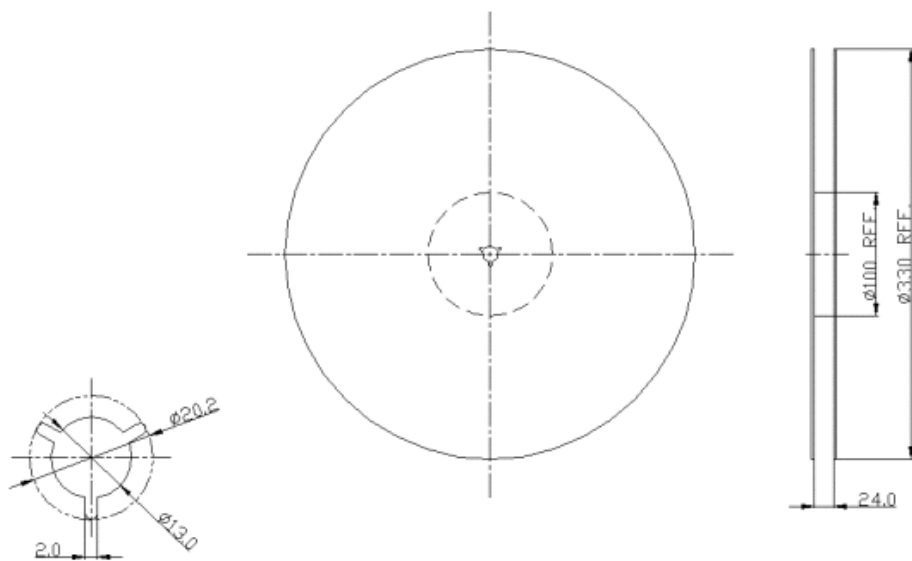
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G. PACKING:

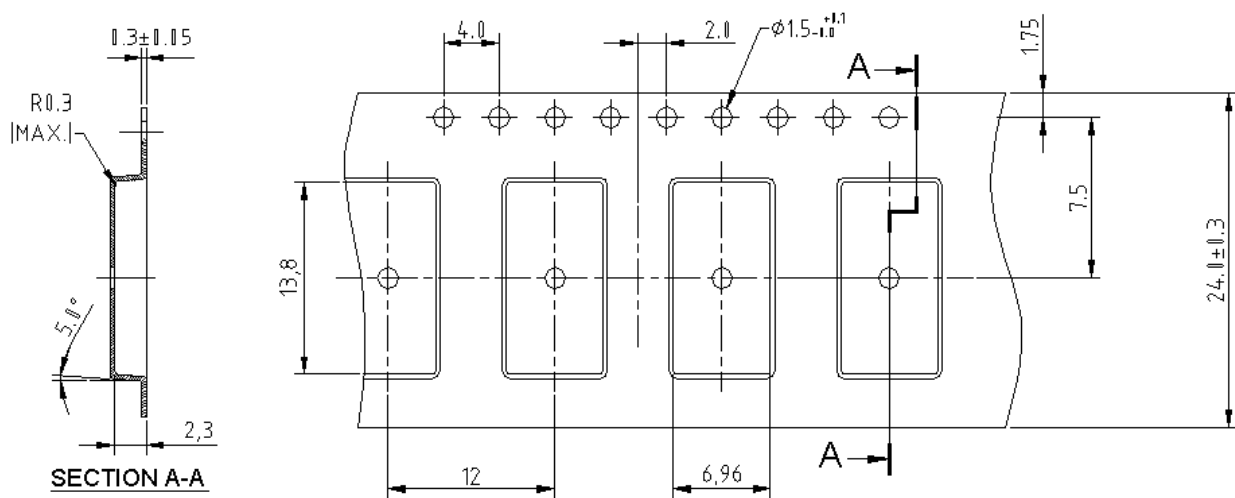
1. Reel Dimension

(Reel Count: 7" = 300 typ; 13" = 1000 typ)

24.0mm 帶寬



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

