

SAW Filter 80.0MHz

Model: TB0292A

Part No: MA07632

REV. NO.: 3

A. MAXIMUM RATING:

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

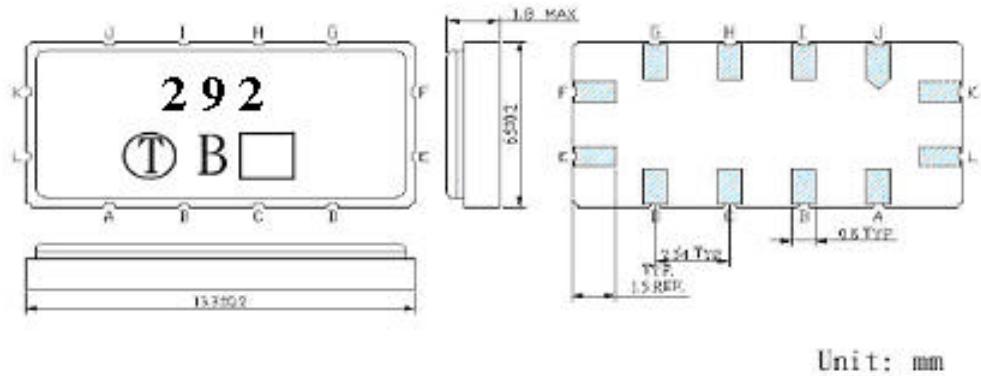
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency, F_c	MHz		80	-
Insertion Loss, IL at F_c	dB		9.89	11.5
1 dB Bandwidth	MHz	8.4	11	
3 dB Bandwidth	MHz	9.0	11.7	
35 dB Bandwidth	MHz	-	14.2	
Amplitude Ripple in F_c±3.7 MHz	dB	-	0.6	1.0
Group Delay ripple in F_c±3.7 MHz	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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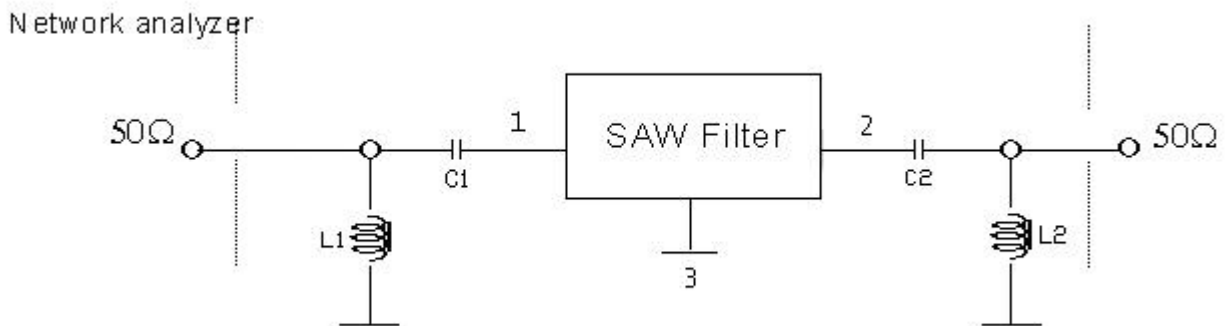
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C. OUTLINE DRAWING:



-
- Pin K: RF Input
 - Pin E: RF Output
 - Pin L: Input Ground
 - Pin F: Output Ground
 - Pin A, B, C, D, G, H, I, J: To be Ground
 - : Date code

D. MEASUREMENT CIRCUIT:



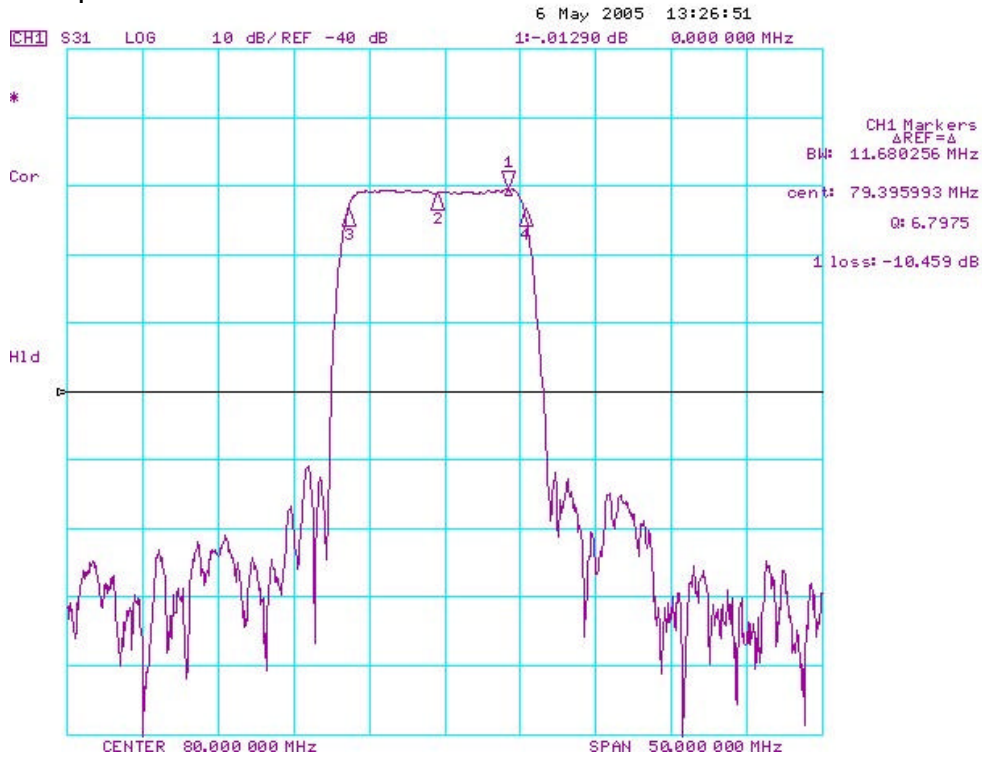
C1 = 47 PF L1 = 82 nH
 C2 = 56 PF L2 = 82 nH

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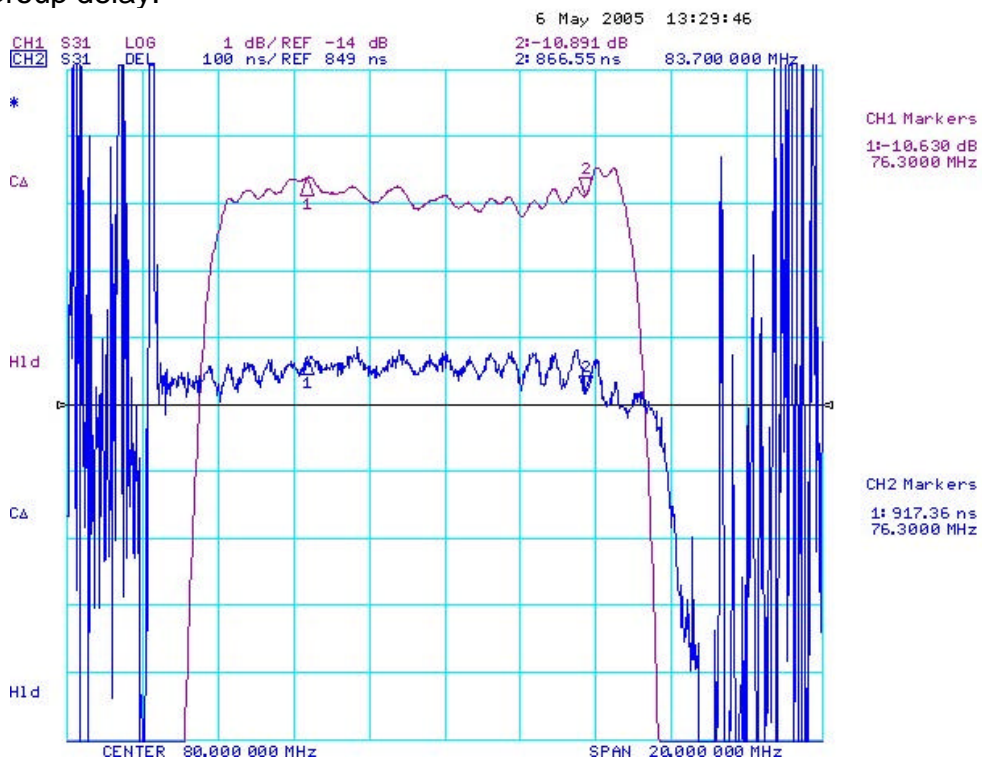
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E. FREQUENCY CHARACTERISTICS:

1.S21 Response:



2. Group delay:



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3. Wideband Response:

