

SAW Filter 70.0MHz

Model: TB0212A

Part No: MA05393

Rev No: 5

THIS PART IS OBSOLETE

Please contact our Sales Office for further details.

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A. MAXIMUM RATING:

1. Input Power Level: +20dBm
2. Operating Temperature: -30°C to +80°C
3. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	69.8	70	70.2
Insertion Loss IL	dB	-	7.6	9.0
1dB Bandwidth	MHz	5.2	5.4	-
3dB Bandwidth	MHz	6.0	6.5	-
40dB Bandwidth	MHz	-	9.5	10.0
Relative Attenuation:				
10 to 64.5MHz	dB	40	45	-
75.5 to 140MHz	dB	40	43	-
Amplitude ripple within Fc $\pm$ 2.1MHz	dB	-	0.8	1.0
Group Delay ripple within Fc $\pm$ 2.1MHz	nsec	-	140	170

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Substrate Material	-	-	YZ-LN	-
Temperature Coefficient of frequency	ppm/°C	-	-94	-

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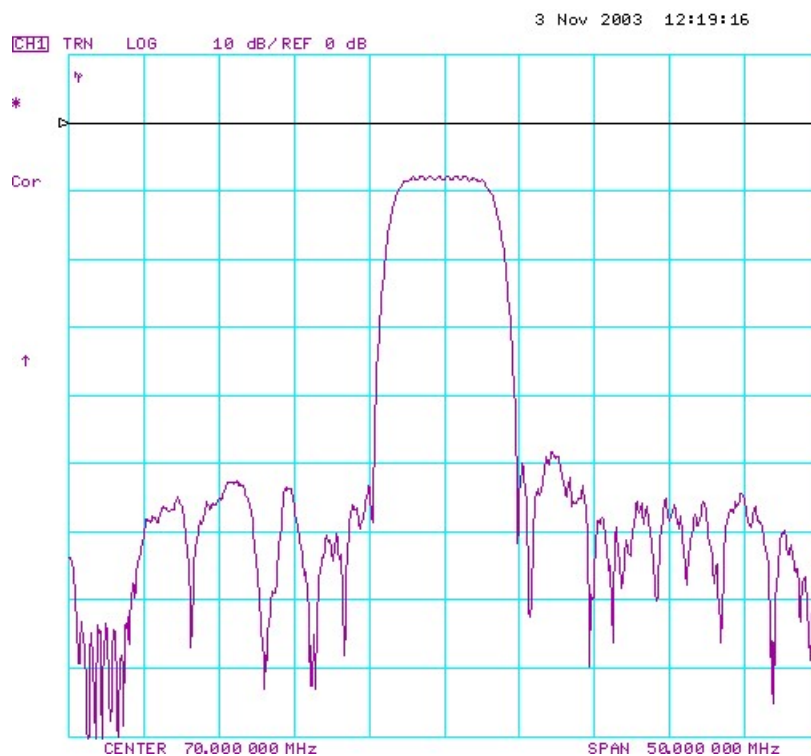
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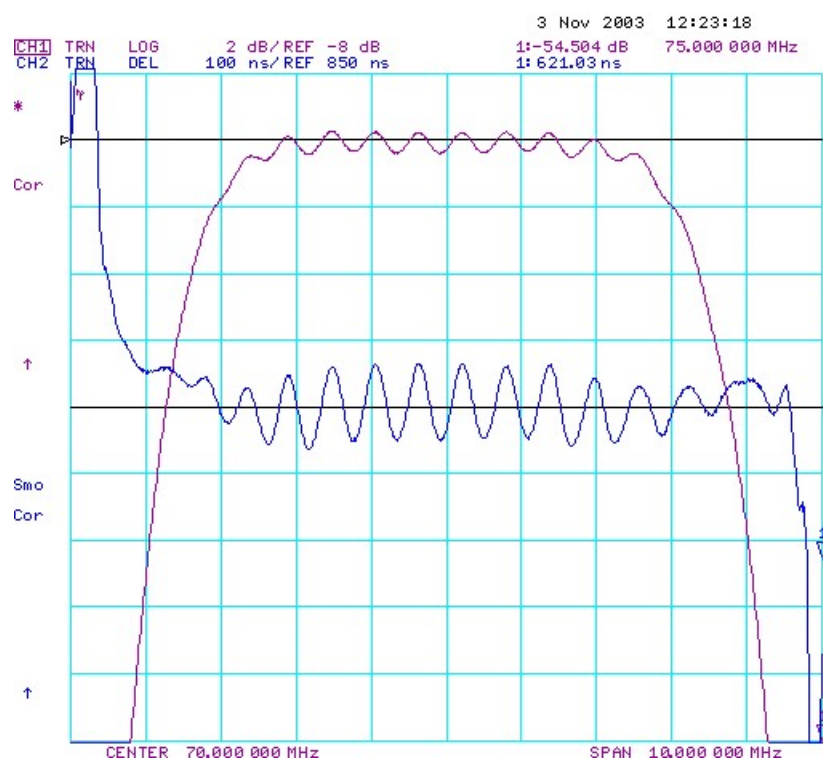
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C. FREQUENCY CHARACTERISTICS:

1. Frequency Response



2. Passband response and Group Delay Variation



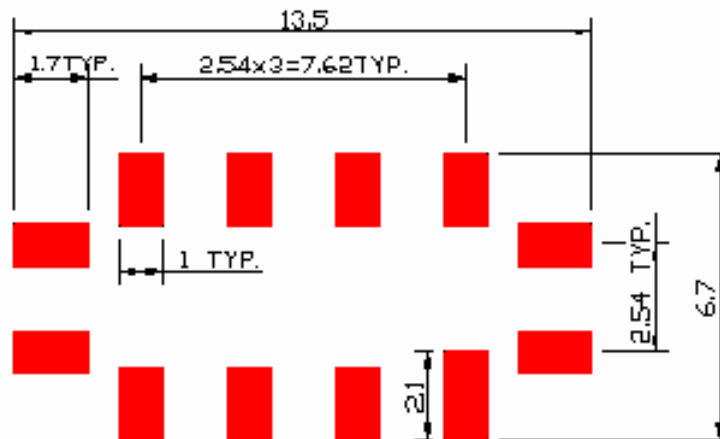
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F. PCB FOOTPRINT:



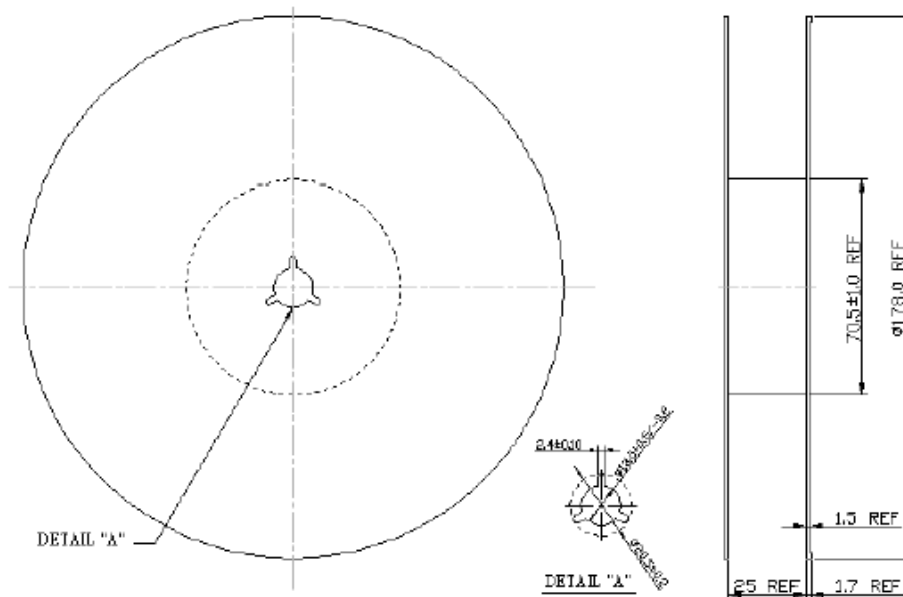
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G. PACKING:

1. Reel Dimension:

(Reel Count: 7" = 500; 13" = 1000)



2. Tape Dimension:

