
SAW Filter 255.0MHz**Model: TB0649A****Part No: MP01102****REV. NO.: 1**

A. MAXIMUM RATING:

- 1.Storage Temperature: -40°C to 85°C
- 2.Operating Temperature: -20°C to 70°C

B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	-	255	-
Insertion Loss 210 to 300 MHz	dB	-	15.2	16
Passband Variation 210 to 300 MHz	MHz	-	1.2	3
Relative Attenuation at 166MHz	dB	20	50	-
Relative Attenuation at 306MHz	dB	-	20	-
Temp Coefficient	ppm/K	-	-76	-

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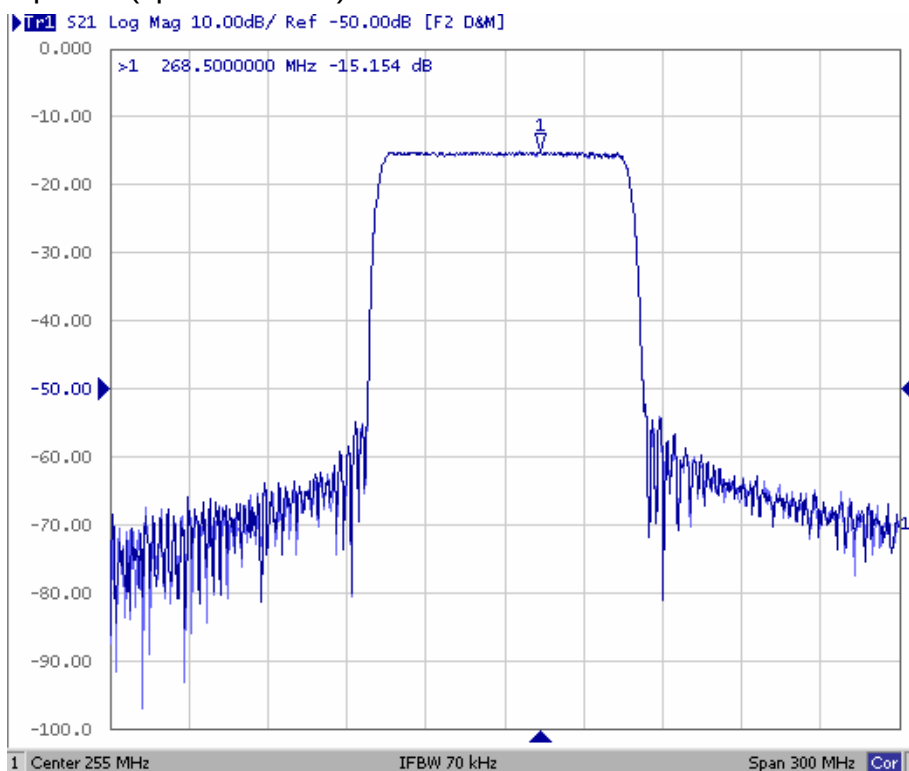
Model: TB0649A

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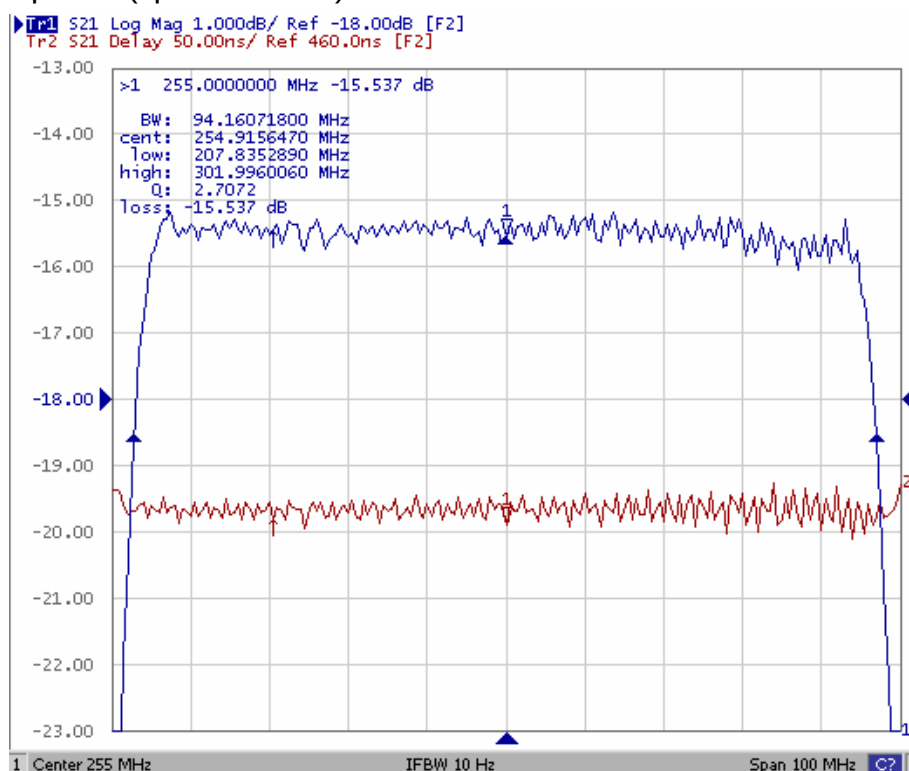
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C. FREQUENCY CHARACTERISTICS:

Wideband Response:(span 300MHz)



Passband Response:(span 100MHz)



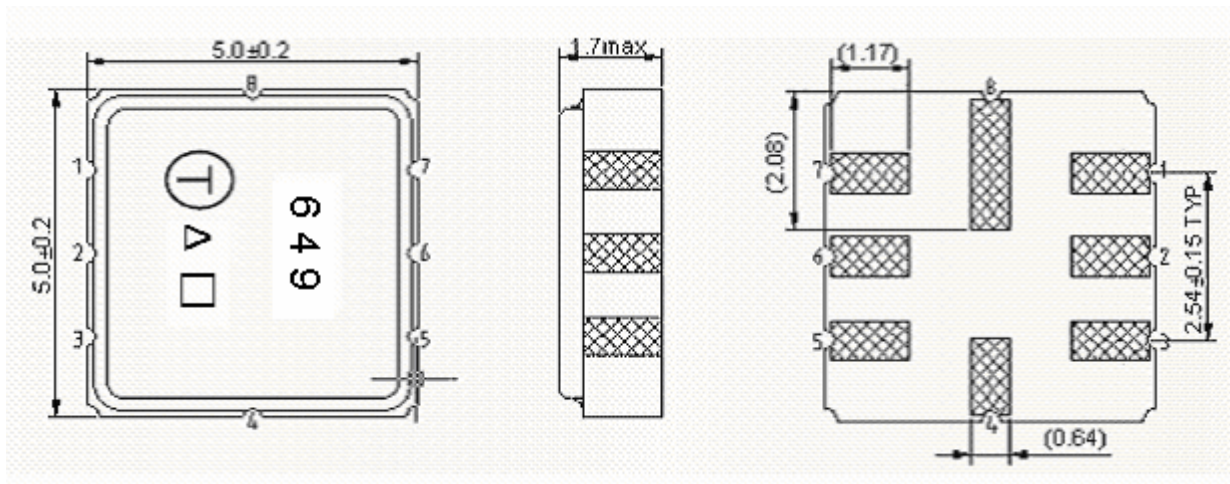
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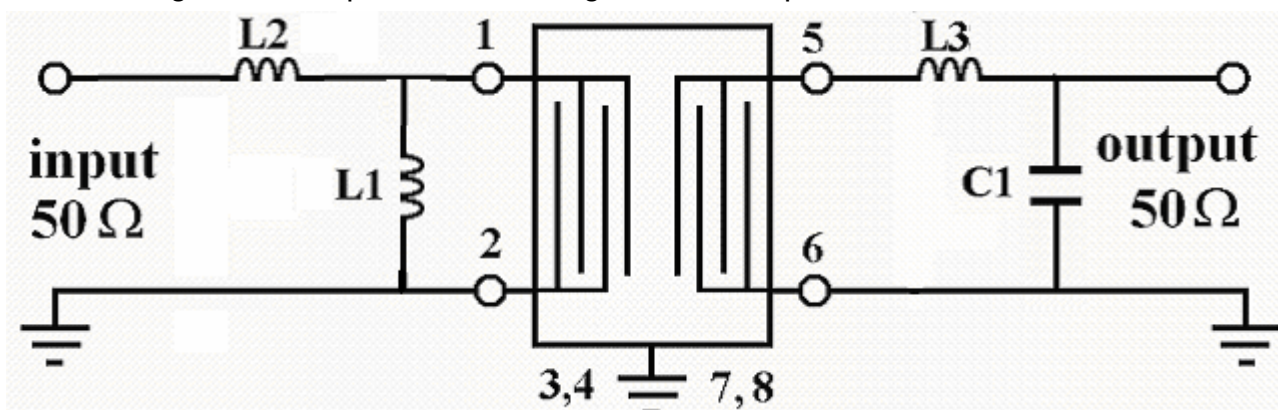
D. OUTLINE DRAWING:



- #1 – Input
- #2 – Input ground
- #5 – Output
- #6 – Output ground
- #3,4,7,8 – Ground

E. Matching Circuit:

50 Ohm single ended Input - 50 Ohm single ended Output



L1=180nH; L2=56nH; L3=22nH ; C1=15pF

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F. PCB FOOTPRINT:

