

SAW Filter 350MHz
Part No: MP02834

Model: TB0297A
 REV. NO: 1

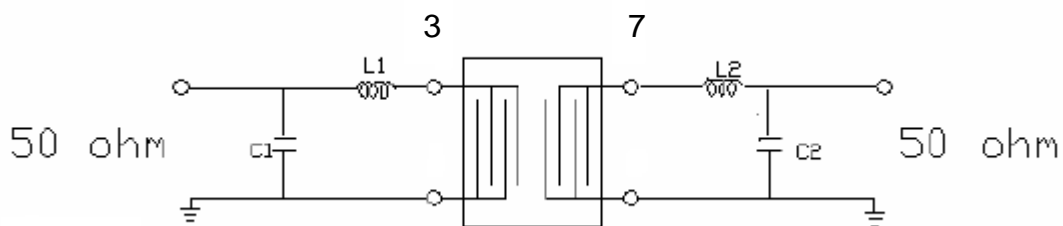
A. MAXIMUM RATING:

1. Input Power Level: 0dBm
2. Operating Temperature: -40°C to 85°C
3. Storage Temperature: -40°C to 85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center frequency Fc	MHz	-	350	-	-
Insertion Loss IL	dB	-	9.0	10	-
Passband width BW3	MHz	4.5	7.3	-	-
Amplitude Ripple in Fc ± 1MHz	dB	-	0.5	1	-
Group delay ripple in Fc ± 1MHz	nS	-	70	100	-
Phase Linearity in Fc ± 1MHz	deg		1.0	4	
Attenuation: (Reference level from Min IL)					
10MHz to 320MHz	dB	35	38	-	-
320MHz to 337MHz	dB	30	33	-	-
363MHz to 380MHz	dB	30	33	-	-
380MHz to 500MHz	dB	35	39	-	-

C. MEASUREMENT CIRCUIT:



Input L1 = 22nH, C1 = 12pF
 Output L2 = 27nH, C2 = 18pF

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D. FREQUENCY CHARACTERISTICS:

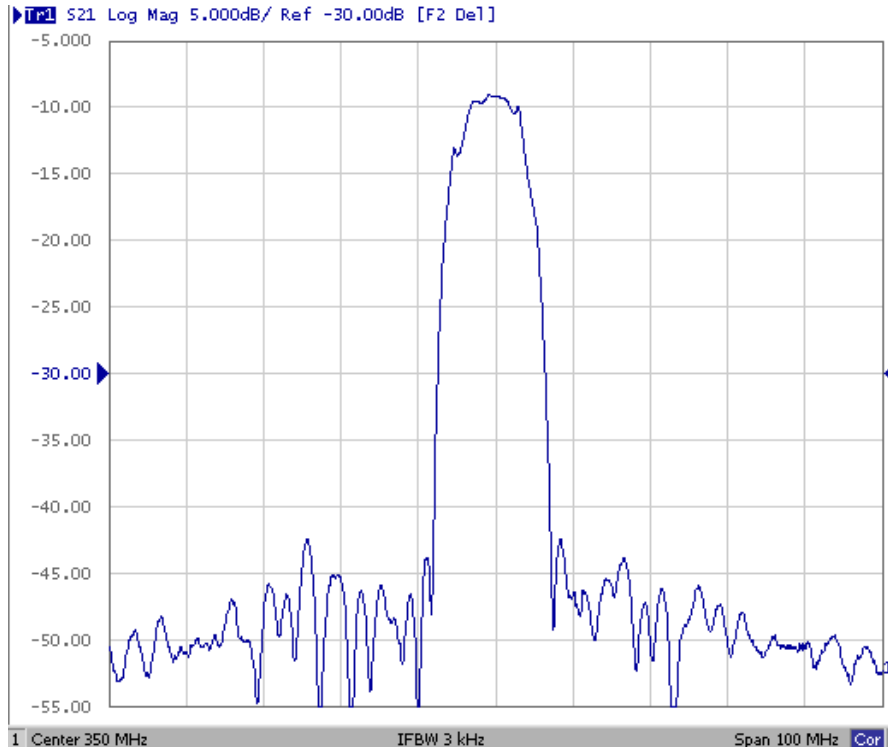


Fig 1 S21 Response Horizontal: 10MHz/Div
Vertical: 5B/Div

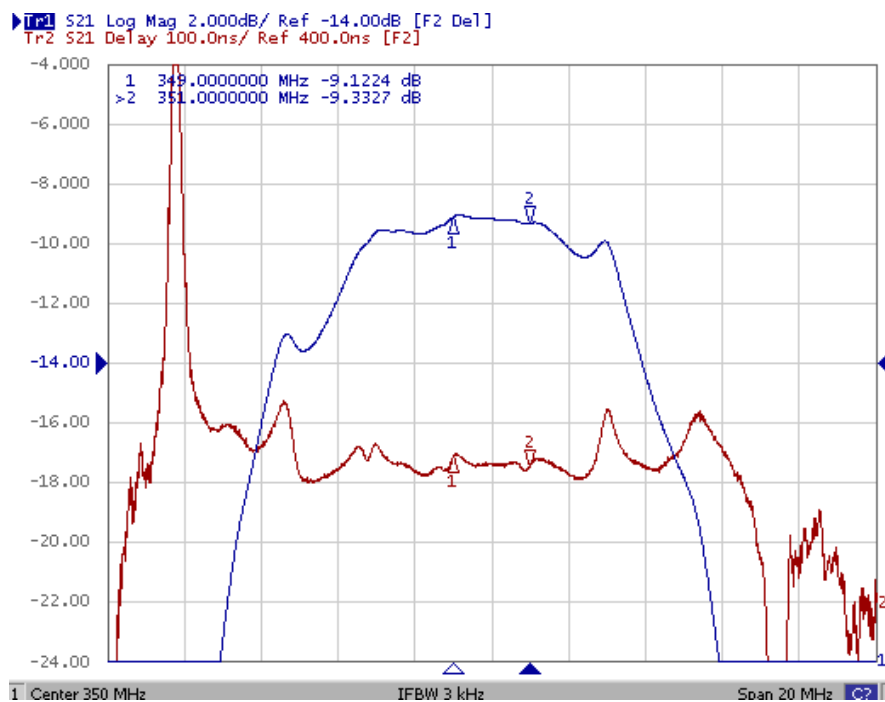
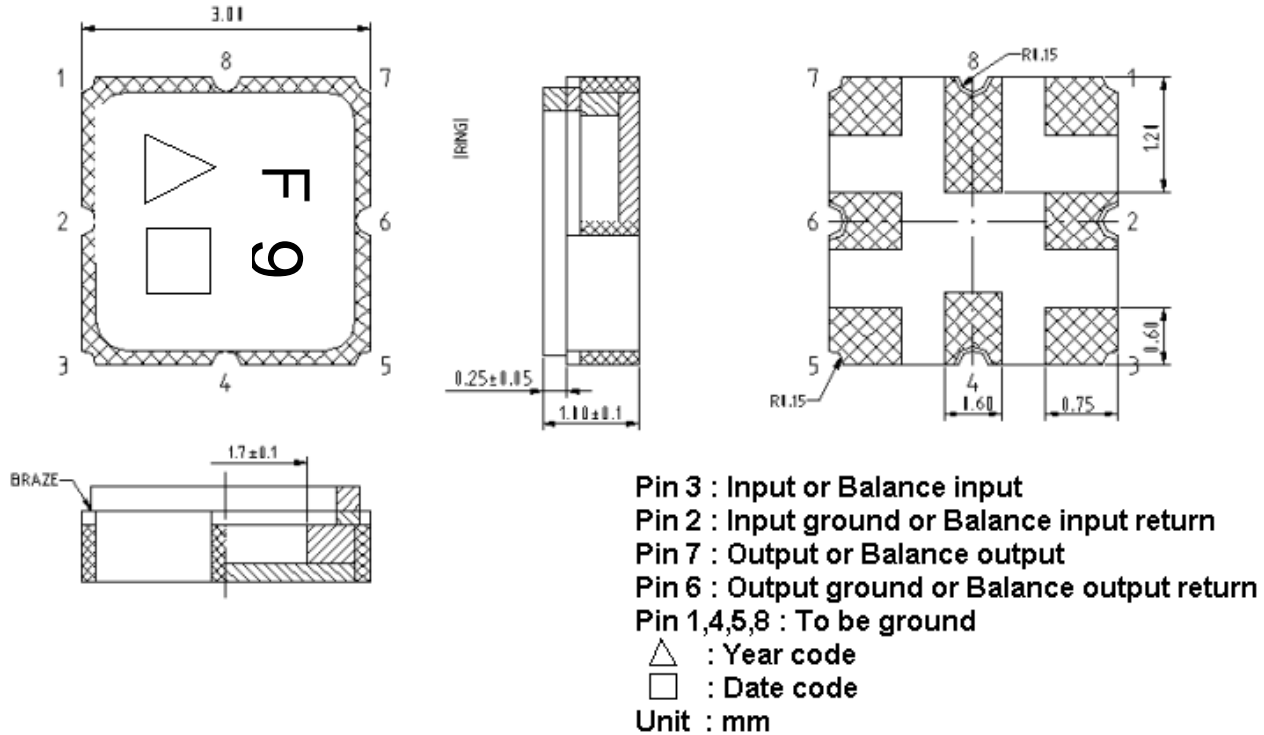


Fig 2 Horizontal: 2MHz/Div Vertical: 2dB/Div
Vertical: 100Div

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E. OUTLINE DRAWING:



F. PCB FOOTPRINT:

