

SAW Filter 261.120MHz

Model: TB0204A

Part No: MA07831

REV. NO.: 1

A. MAXIMUM RATING:

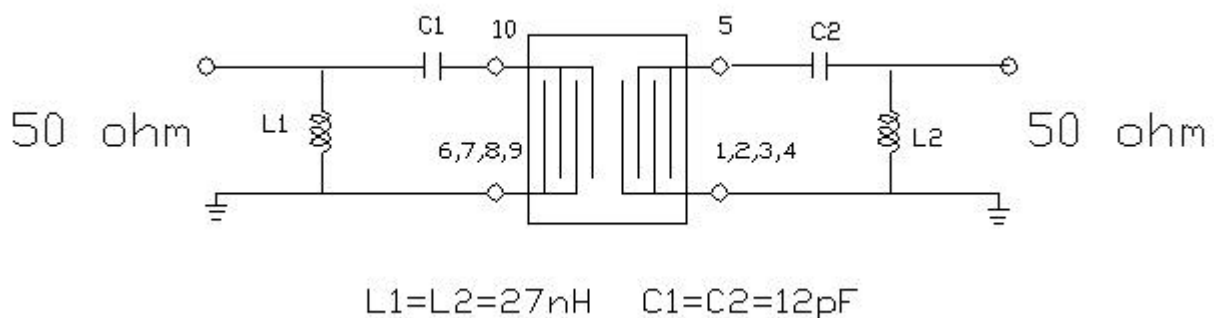
1. Operating Temperature: -20 °C ~ 85 °C
2. Storage Temperature: -40 °C ~ +85 °C

B. CHARACTERISTICS:

1. Ambient Temperature: 25°C

Characteristics	Value			Note
	Min.	Typ.	Max.	
Center frequency F_C MHz	-	261.12	-	-
Minimum Insertion loss I.L. dB	-	11.5	12	-
Lower 1 dB Bandedge MHz	-	258.6	259.2	-
Upper 1 dB Bandedge MHz	263.04	263.5	-	-
Lower 15 dB Bandedge MHz	257.12	257.7	-	-
Upper 15 dB Bandedge MHz	-	264.5	265.12	-
Phase Linearity (259.2~263.04MHz)(rms) deg	-	1.8	4	-
Attenuation (Reference level from minimum insertion loss)				dB
1) 161.12 MHz~241.12 MHz dB	47	53	-	-
2) 241.12 MHz~253.12 MHz dB	47	49	-	-
3) 269.12 MHz~281.12 MHz dB	47	48	-	-
4) 281.12 MHz~361.12 MHz dB	47	52	-	-
Substrate Material		LiTaO ₃		

C. MEASUREMENT CIRCUIT:



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D. FREQUENCY CHARACTERISTICS:

1. S21 Response

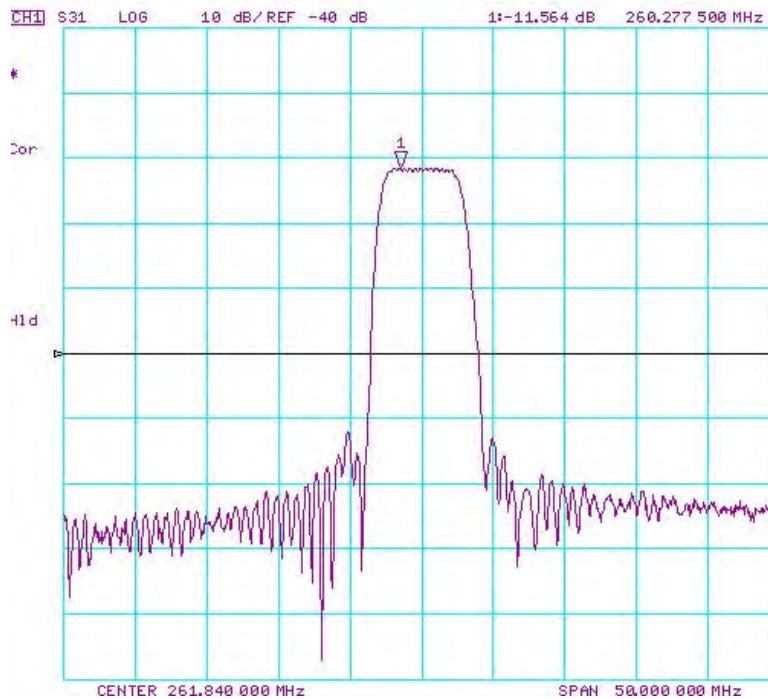


Fig1. Horizontal: 5MHz/Div Vertical: 10dB/Div

2. S21 Response (Passband phase linearity and Passband ripple)

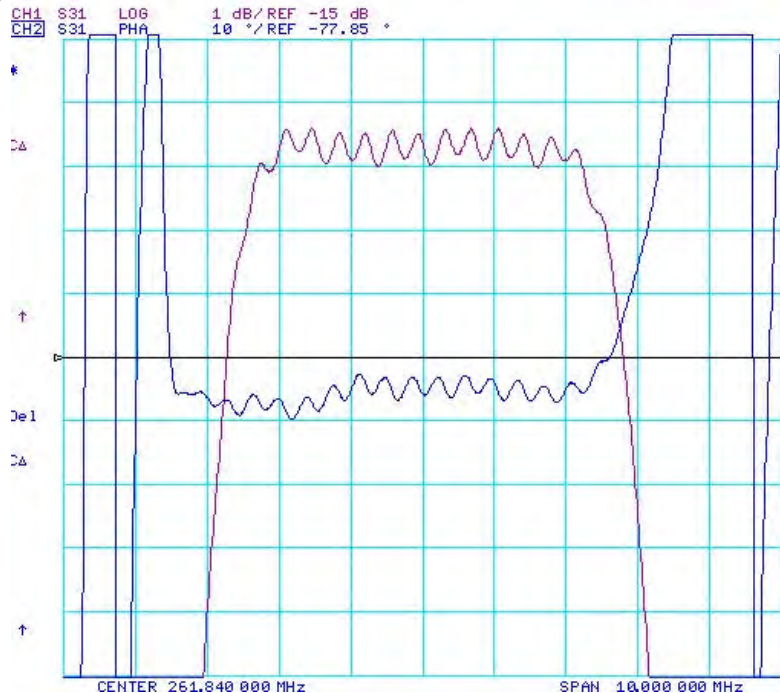
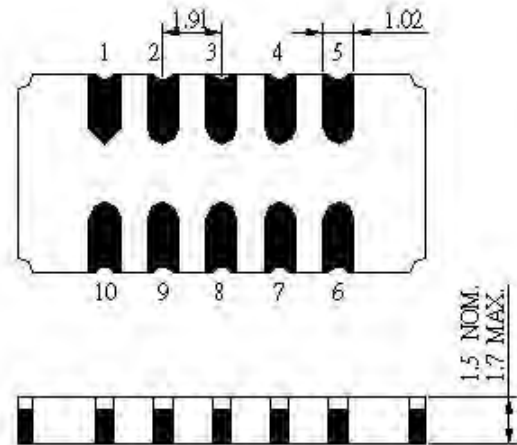
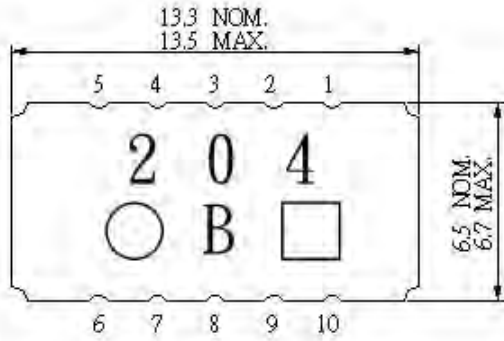


Fig2. Horizontal: 1MHz/Div Vertical: 1dB/Div 10deg/div

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E. OUTLINE DRAWING:



Pin 10: RF Input
Pin 5: RF Output
Pin 1, 2, 3, 4, 6, 7, 8, 9: To be Ground
□ : Date code
Unit: mm