

SAW Filter 163.0MHz

Model: TB0276A

Part No: MA07742

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 5V
3. Operating Temperature: -30°C to 65°C
4. Storage Temperature: -40°C to 85°C

B. ELECTRICAL CHARACTERISTICS: (operating temperature : 25°C)

Item	Unit	Min.	Type.	Max.	Note
Center frequency, Fc	MHz	-	163	-	1
Minimum Insertion Loss, (Fc±12.5KHz) IL	dB	-	3.4	6.0	1
Passband Ripple (Fc±12.5KHz)	dB	-	0.1	1.0	1
Group delay ripple (Fc±12.5KHz), GD	s	-	0.4	2.5	1
Attenuation:(Reference level from Min IL)					
Fc - 10 ~ Fc - 2 MHz	dB	55	65	-	-
Fc - 2 ~ Fc - 1 MHz	dB	50	70	-	-
Fc - 1 ~ Fc - 0.35 MHz	dB	40	57	-	-
Fc - 0.35 ~ Fc - 0.1 MHz	dB	8	21	-	-
Fc + 0.1 ~ Fc + 0.35 MHz	dB	8	21	-	-
Fc + 0.35 ~ Fc + 1 MHz	dB	40	57	-	-
Fc + 1 ~ Fc + 2 MHz	dB	50	70	-	-
Fc + 2 ~ Fc + 10 MHz	dB	55	60	-	-

Note1. Considering -13 KHz frequency shift from -30°C to +65°

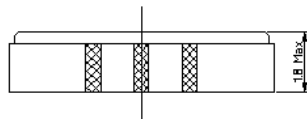
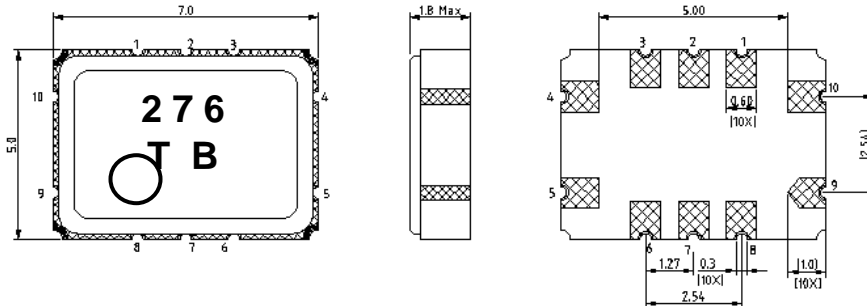
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C. OUTLINE DRAWING:

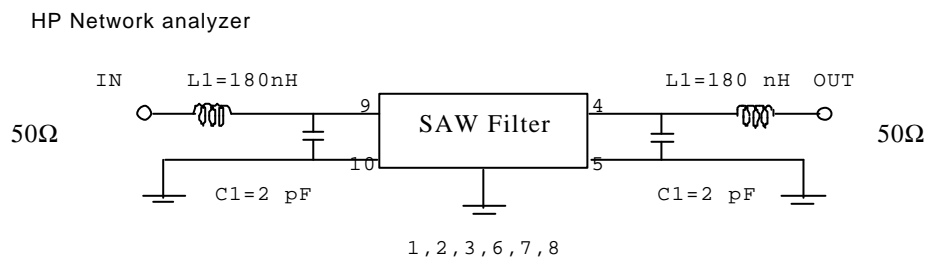


Pin configuration

- #9 Input
 - #4 Output
 - #10 Balance input or input ground
 - #5 Balance output or output ground
 - #1,2,3,6,7,8 To be grounded
- Unit mm

D. MEASUREMENT CIRCUIT:

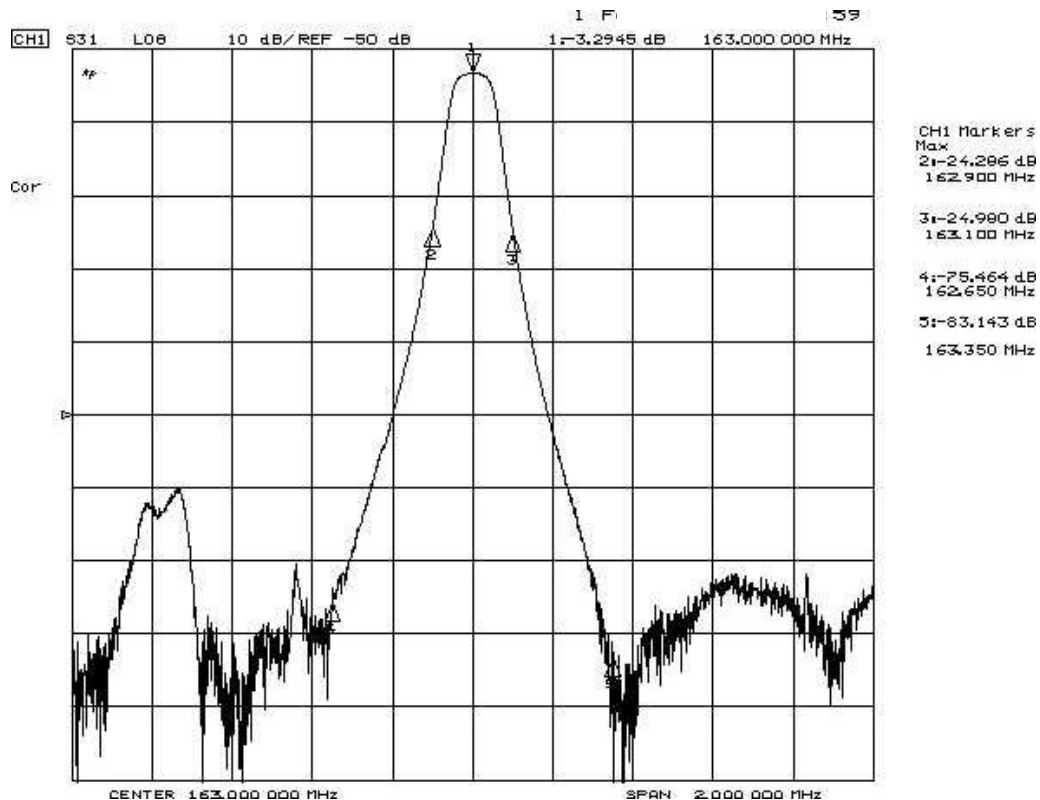
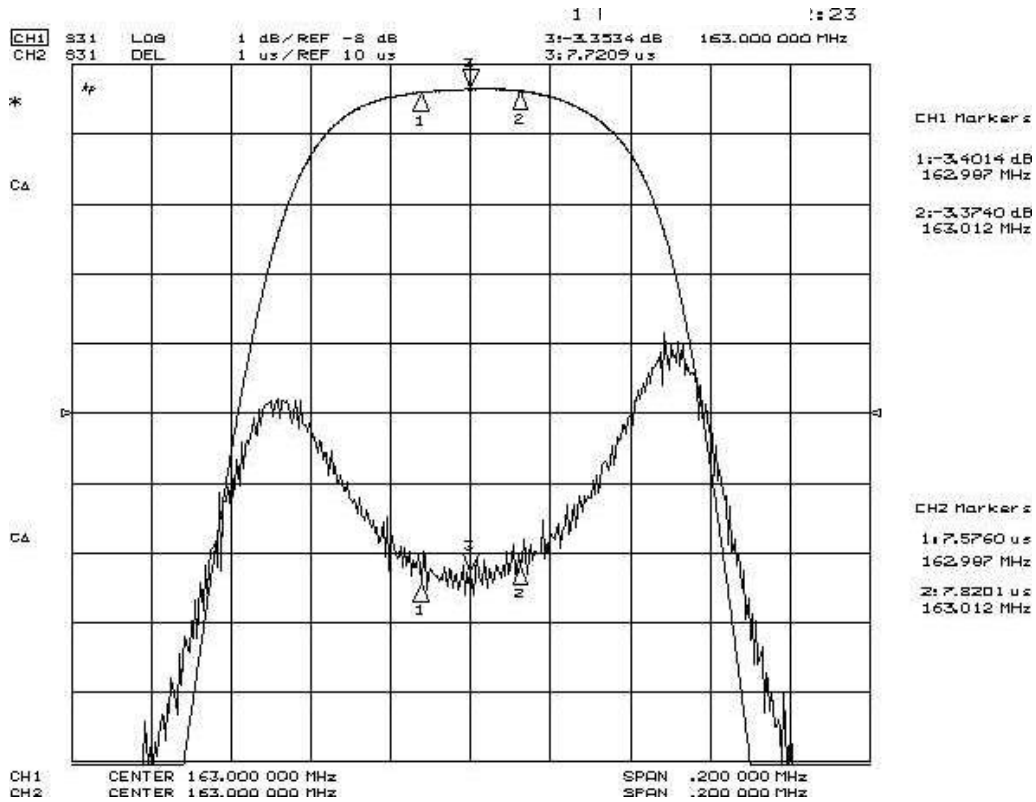
50 Ohm Test circuit (single-ended / single-ended)



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E. FREQUENCY CHARACTERISTICS:

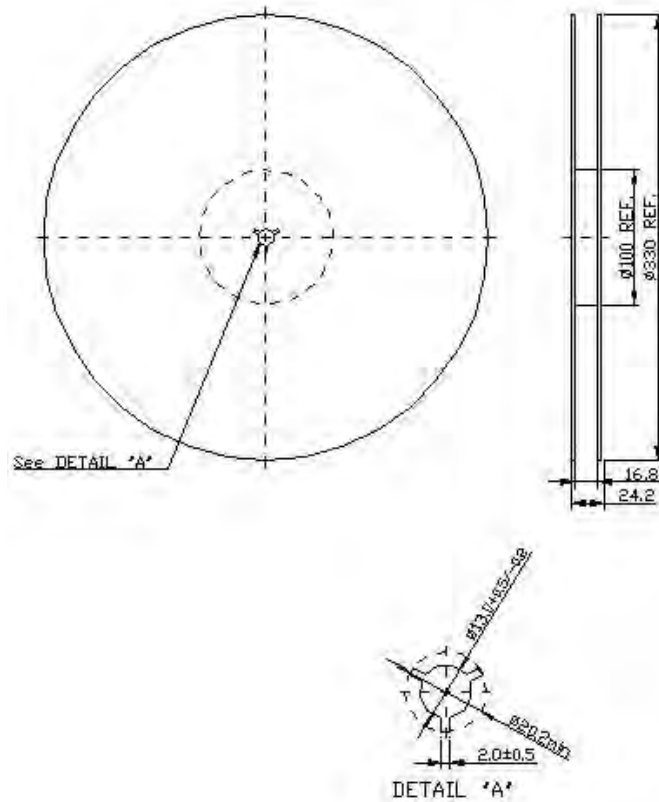


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

