

SAW Filter 169.20MHz

Model: TB0484A

Part No: MA08916

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 15 dBm
2. DC Voltage : 5V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center frequency Fc	MHz	-	169.2	-	-
Insertion loss at center frequency ILc	dB	-	3.0	7.0	-
Ripple (169.19625~169.20375)	dB	-	±0.2	±1	-
Attenuation (relative to ILc)					
168.2 ~ 168.3025 MHz	dB	30	50	-	-
168.3025 ~ 169.1 MHz	dB	7	21	-	-
169.3 ~ 170.0975 MHz	dB	7	21	-	-
170.0975 ~ 170.2 MHz	dB	30	50	-	-
Temperature coefficient of frequency TCf		-0.034 ppm/C ²			

Note1. Considering -21 KHz frequency shift from -40°C to +85°C

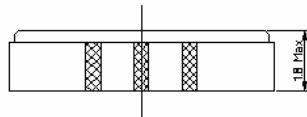
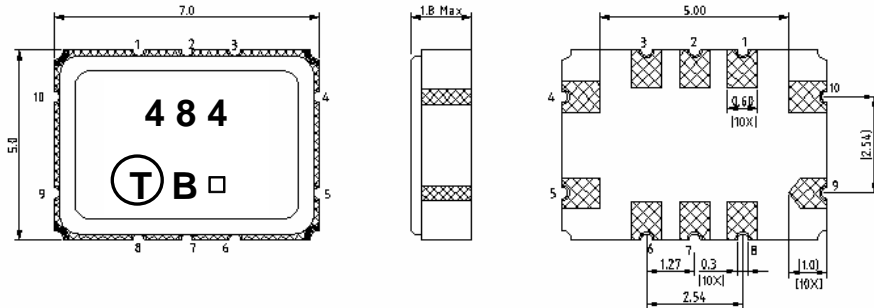
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C. OUTLINE DRAWING:



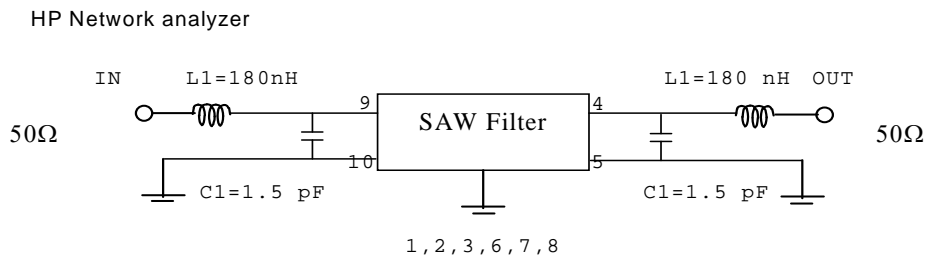
Pin configuration

- #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

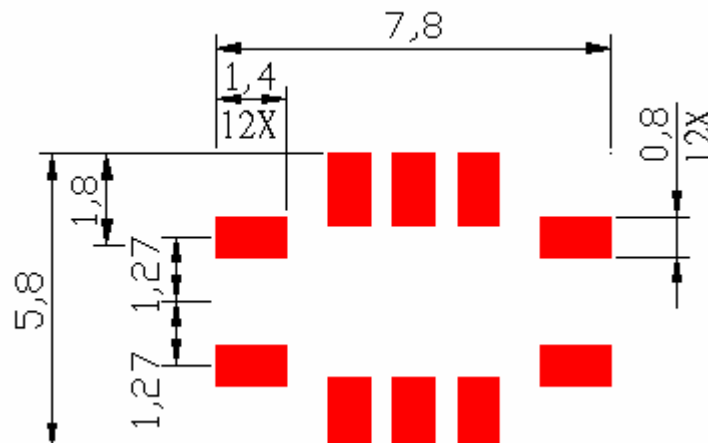
Unit mm

D. MEASUREMENT CIRCUIT:

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



E. PCB FOOTPRINT:



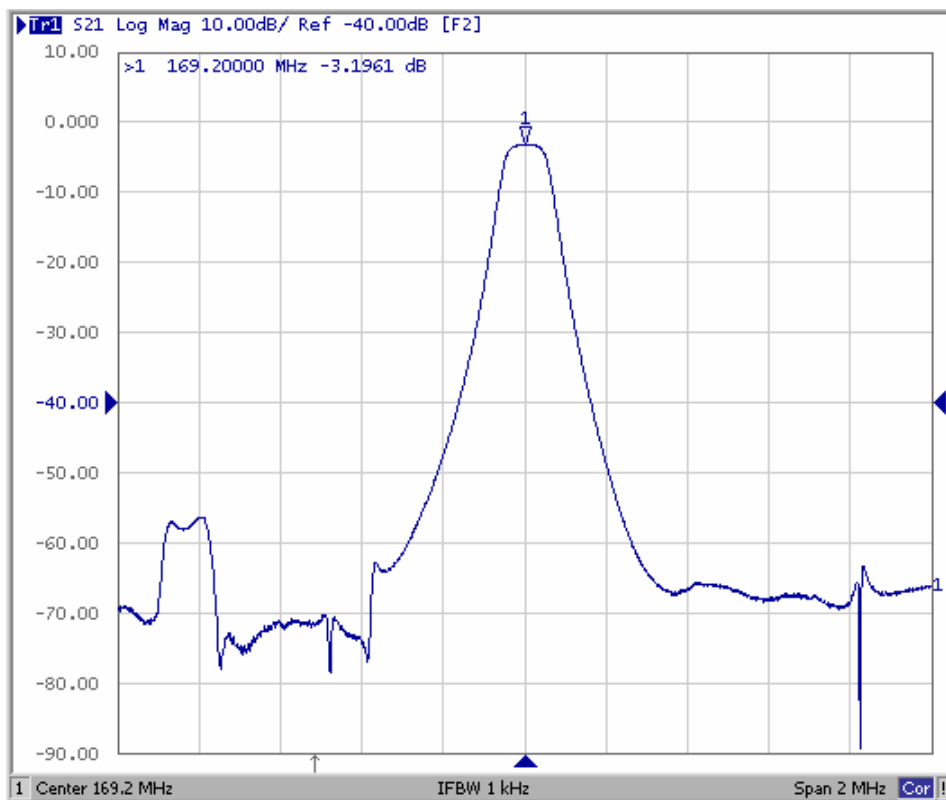
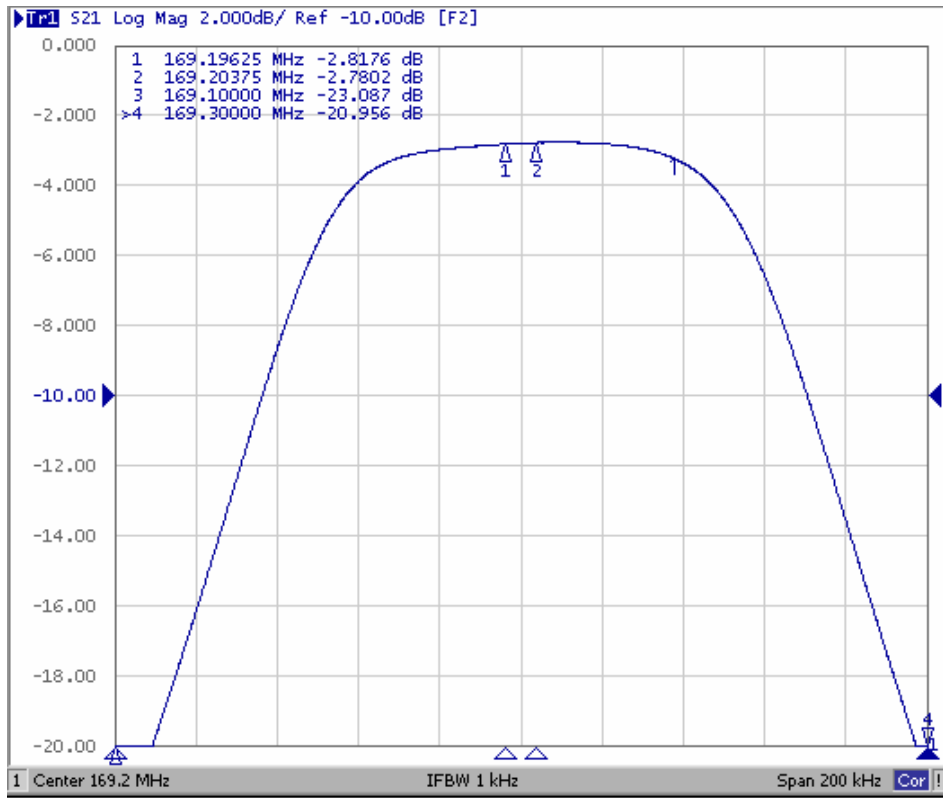
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F. FREQUENCY CHARACTERISTICS:



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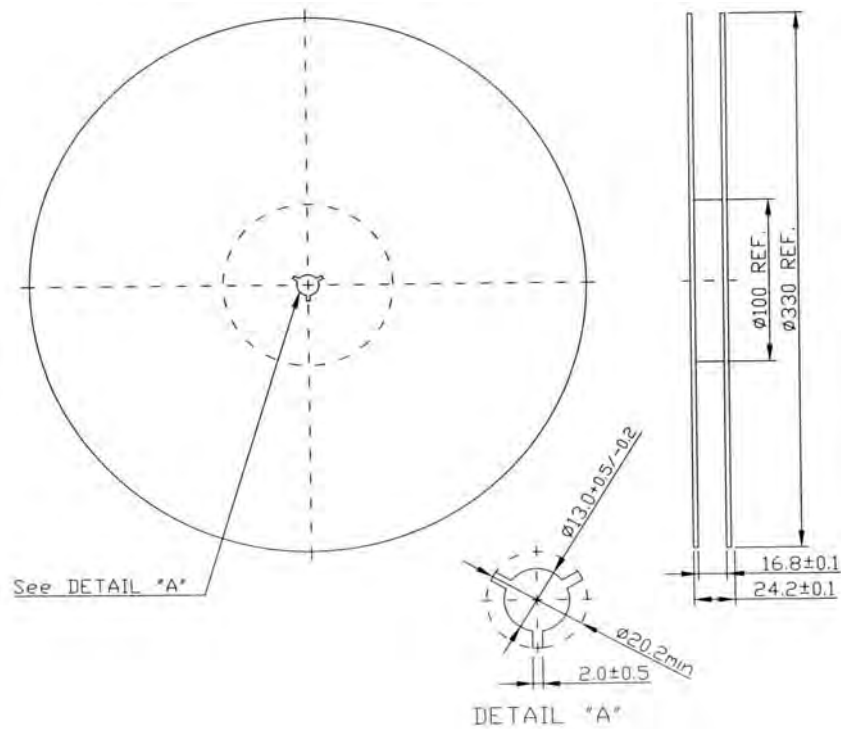
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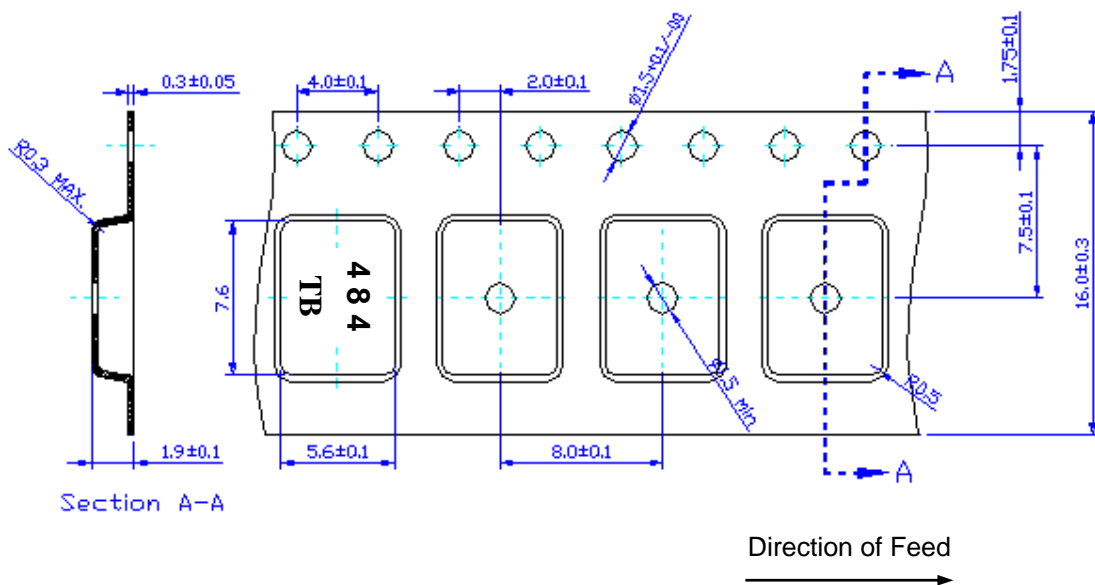
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE :

