

SAW Filter 164.1750MHz

Model: TB0547A

Part No: MA09645

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.	Type.	Max.	Note
Center frequency Fc	MHz	-	164.175	-	-
Insertion loss at center frequency ILc	dB	-	3.5	7.0	-
Ripple (164.17125 ~ 164.17875 MHz)	dB	-	±0.3	±1	-
Attenuation (relative to ILc)					
163.175 ~ 163.2775 MHz	dB	30	47	-	-
163.2775 ~ 164.075 MHz	dB	7	19	-	-
164.275 ~ 165.0725 MHz	dB	7	19	-	-
165.0725 ~ 165.175 MHz	dB	30	47	-	-
Temperature coefficient of frequency TCf		-0.034 ppm/C ²			

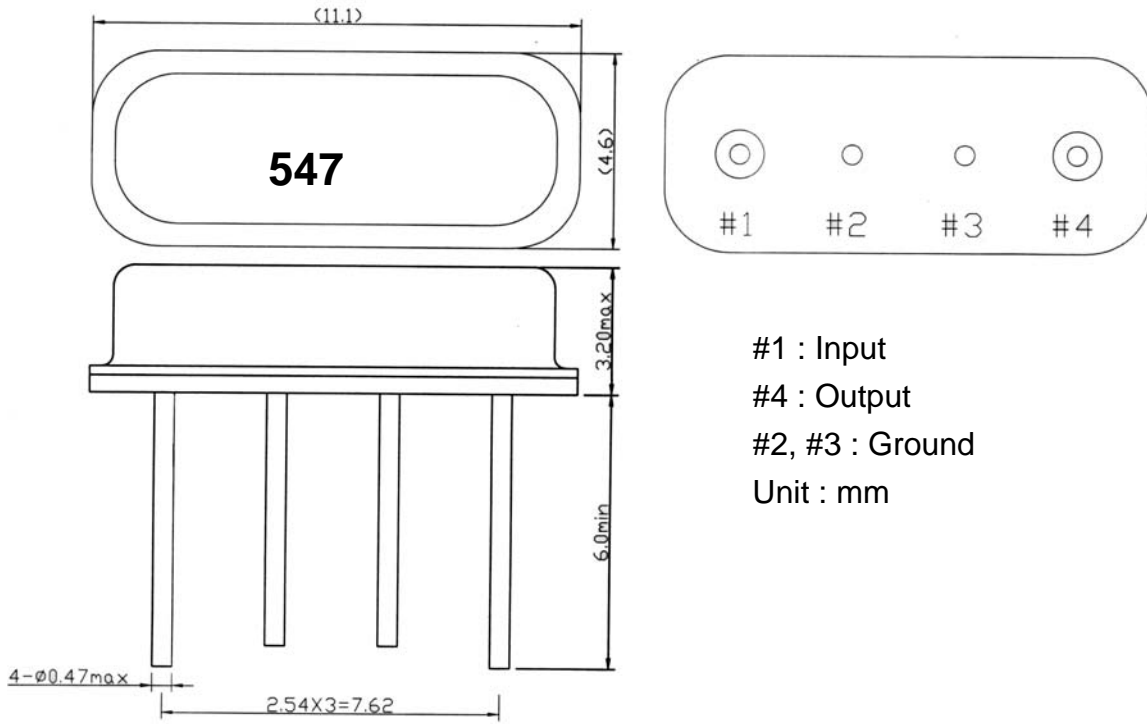
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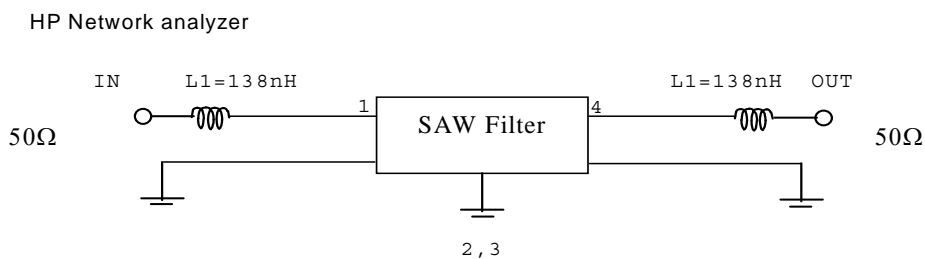
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C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:

50 Ohm Test circuit

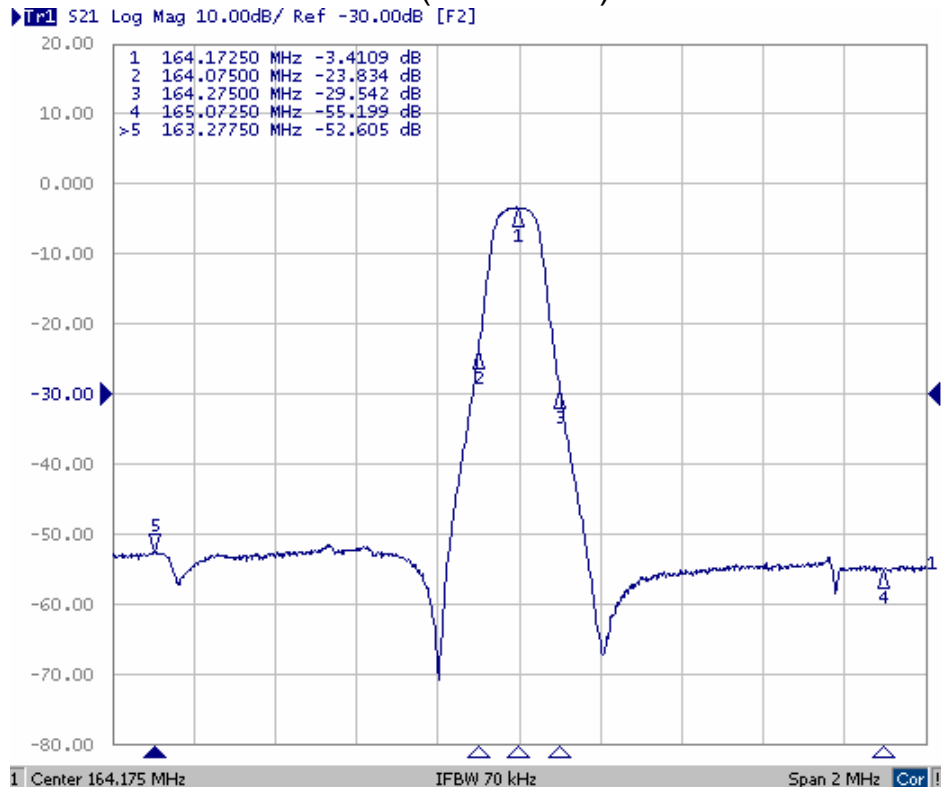


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E. FREQUENCY CHARACTERISTICS:

S21 (Wideband)



S21 (Inband)

