

SAW Filter 460MHz
Part No: MA09241

Model: TA0731A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 26dBm
2. DC voltage: 3V
3. Operating Temperature: -50°C to +85°C
4. Storage Temperature: -50°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	460	-
Insertion Loss IL min (reference level)	dB	-	1.8	3.0
1dB Bandwidth BW-1dB	MHz	-	21.6	-
3dB Bandwidth BW-3dB	MHz	20	24.5	-
Absolute Attenuation: (Reference level from 0dB)				
Fc -40.8 to Fc -100MHz	dB	42	57	-
Fc +40 to Fc +100MHz	dB	40	46	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

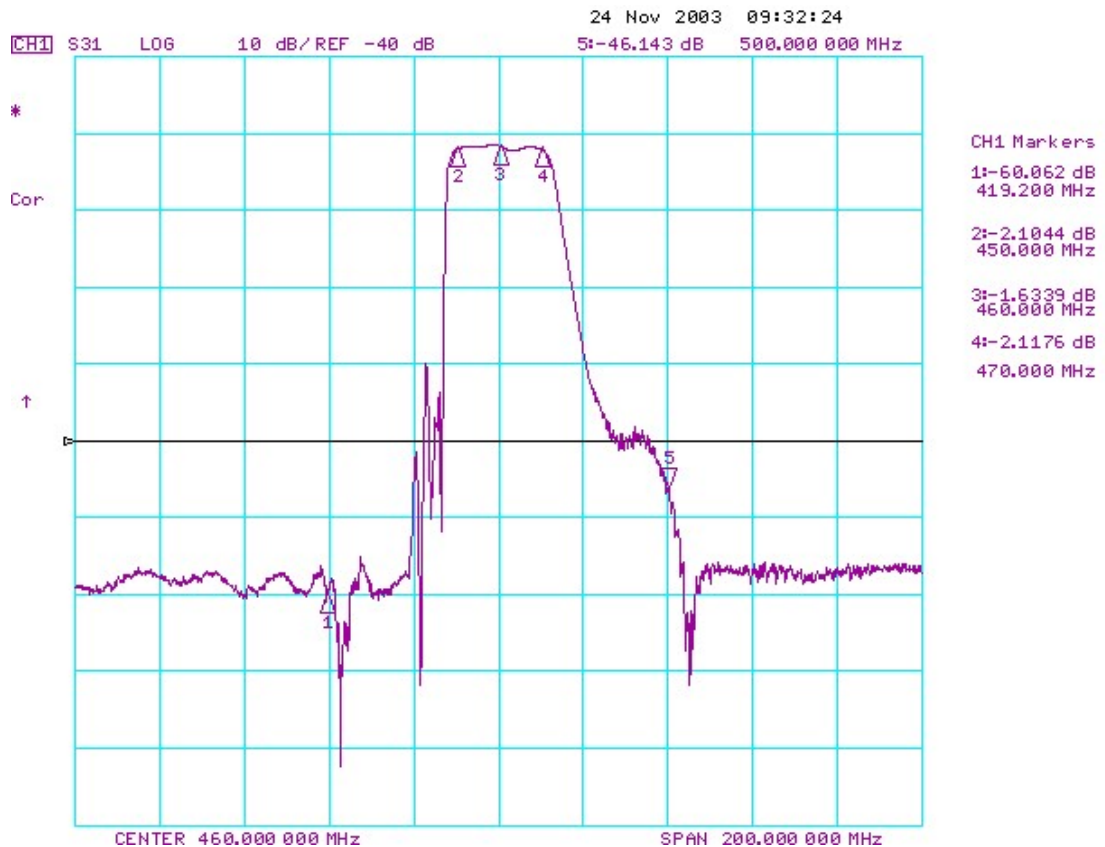
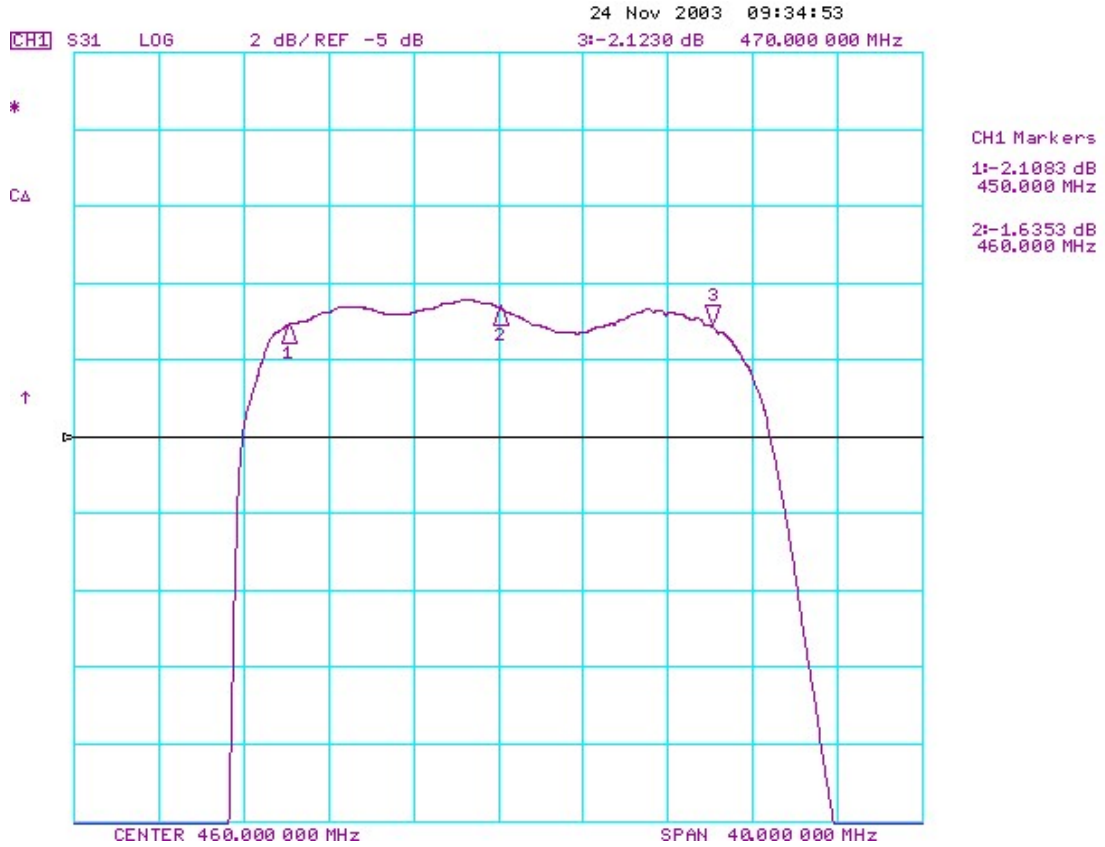
Note:

IL min is the minimum of the pass band attenuation. The center frequency Fc is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL min.

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C. FREQUENCY CHARACTERISTICS:

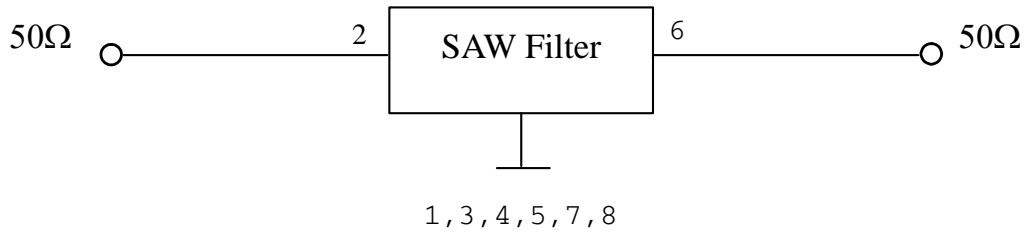


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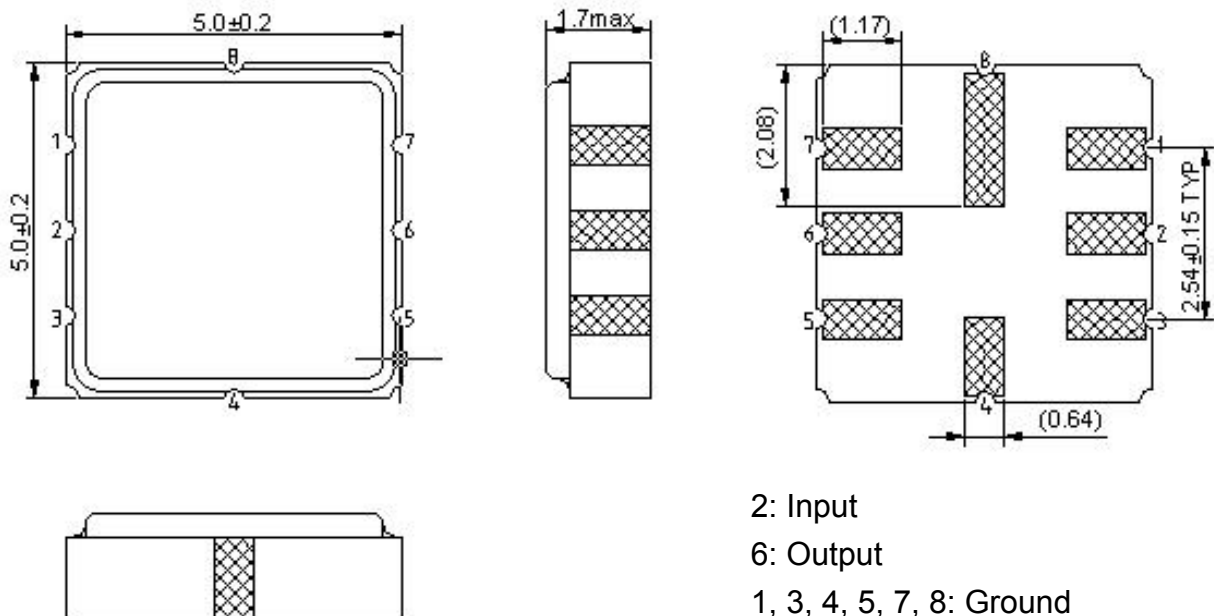
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D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:



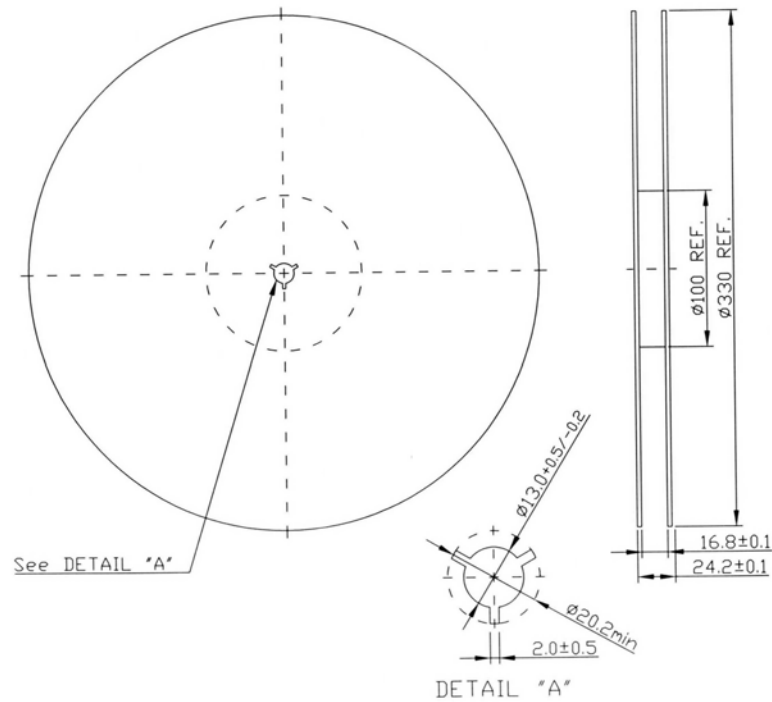
2: Input
 6: Output
 1, 3, 4, 5, 7, 8: Ground
 Unit: mm

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F. PACKING:

1. Reel Dimension



2. Tape Dimension

