

SAW Filter 315.15MHz
Part No: MA05552

Model: TA0308A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 12V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

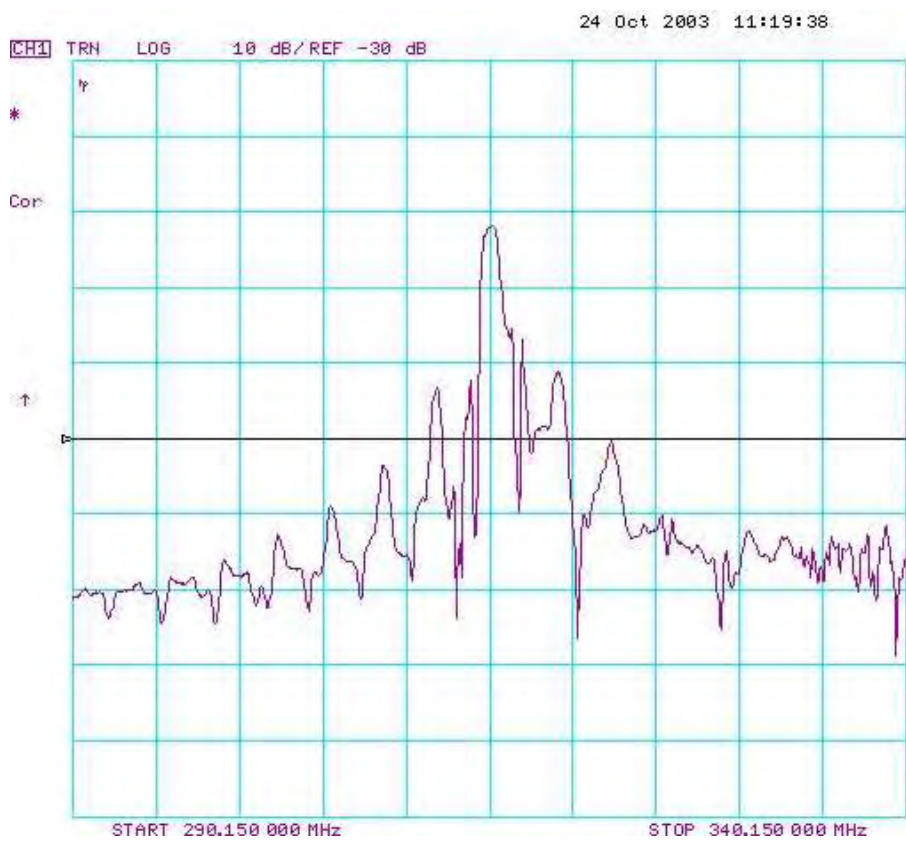
Item	Min.	Typ.	Max.	Note
Center frequency Fc (MHz)	-	315.15	-	1
Minimum IL (314.97 ~ 315.37MHz) (dB) IL min	-	2.0	4.0	
Pass band (relative to IL min)				
314.92 ~ 315.35MHz (dB)	-	1.5	3.0	1
314.86 ~ 315.41MHz (dB)	-	2.0	6.0	
Pass bandwidth (relative to IL min) BW3 (kHz)	800	920	-	
Attenuation (relative to IL min) (dB)				
10 ~ 270.15MHz (dB)	45	55	-	
270.15 ~ 309.15MHz (dB)	30	35	-	1
309.15 ~ 314.09MHz (dB)	15	20	-	
316.15 ~ 335.15MHz (dB)	10	15	-	
335.15 ~ 400.15MHz (dB)	35	45	-	
400.15 ~ 1000MHz (dB)	45	55	-	
Impedance at Fc: Input $Z_{IN} = R_{IN} // C_{IN}$	344Ω // 4.9pF			
Output $Z_{OUT} = R_{OUT} // C_{OUT}$	344Ω // 4.9pF			
Turnover to (°C)	25 typ.			

Note 1: The standard definitions is in JIS C 6703

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C. FREQUENCY CHARACTERISTICS:

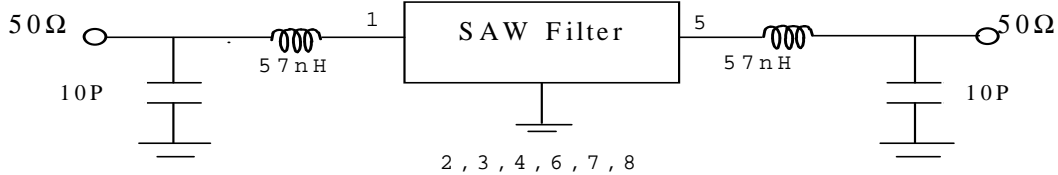


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D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:

