

**SAW Filter 433.920MHz**

**Model: TA0300A**

**Part No: MA05276**

**REV NO.: 1**

**A. MAXIMUM RATING:**

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

**B. ELECTRICAL CHARACTERISTICS:**

Reference temperature: TA = -40 to 85°C

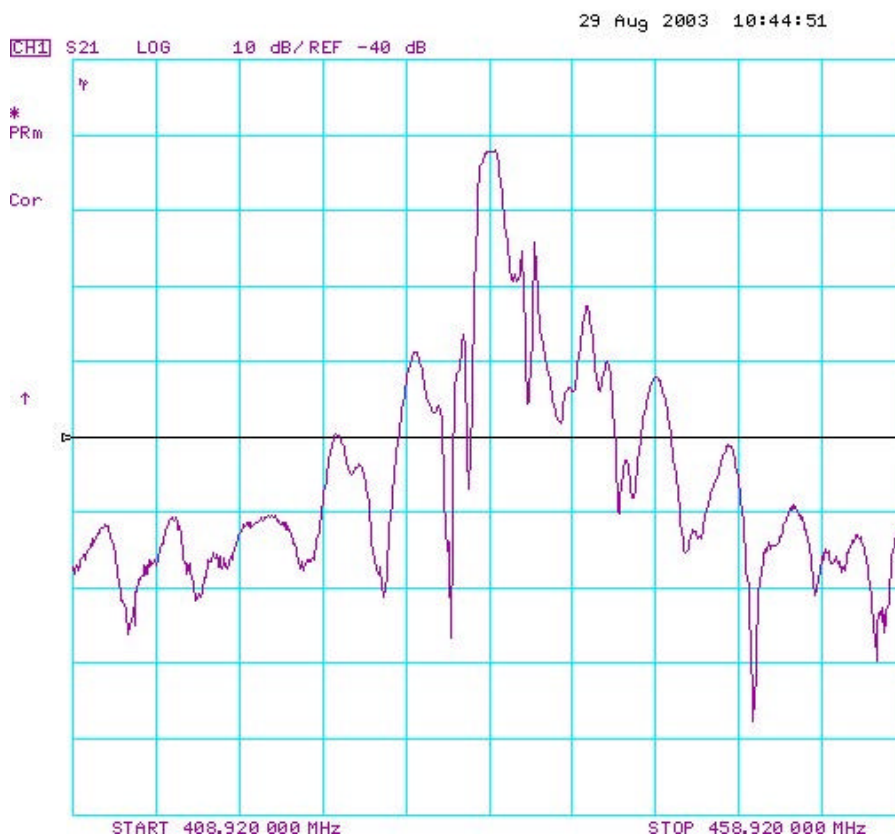
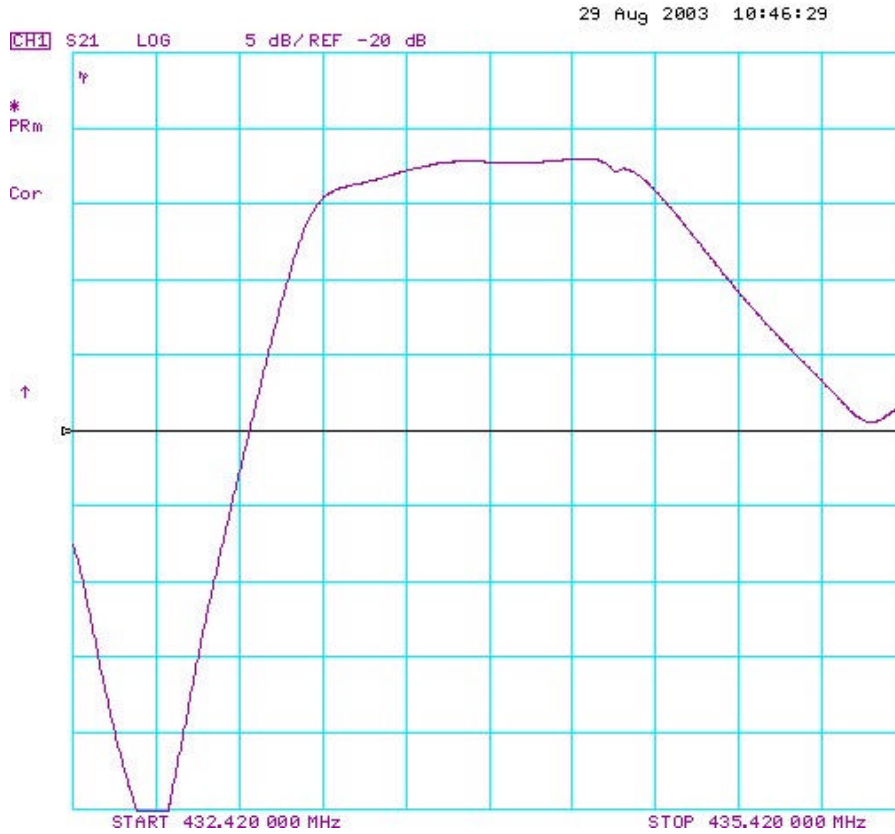
Item	Min.	Typ.	Max.	Note
Center frequency $F_c$ (MHz)	-	433.92	-	1
Minimum I.L. (dB) $IL_{min}$	-	2.2	3.0	
Pass band (relative to $IL_{min}$ ) 433.42~434.42 MHz (dB)	-	-	3.0	1
Pass bandwidth (relative to $IL_{min}$ ) $BW_3$ (KHz)	1000	1250	-	
Attenuation:( relative to $IL_{min}$ ) (dB )				
10~414 MHz (dB )	40	50	-	1
414~428 MHz (dB )	30	40	-	
428~432.42 MHz (dB )	15	20	-	
435.42~442 MHz (dB )	10	15	-	
442~550 MHz (dB )	25	30	-	
550~1000 MHz (dB )	45	50	-	
Impedance at $F_c$ ; Input $Z_{IN} = R_{IN} // C_{IN}$ Output $Z_{OUT} = R_{OUT} // C_{OUT}$	279Ω // 4.1 pF 279Ω // 4.1 pF			
Turnover To (deg.C)				

Note1. The standard definitions is in JIS C 6703

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### C. FREQUENCY CHARACTERISTICS:

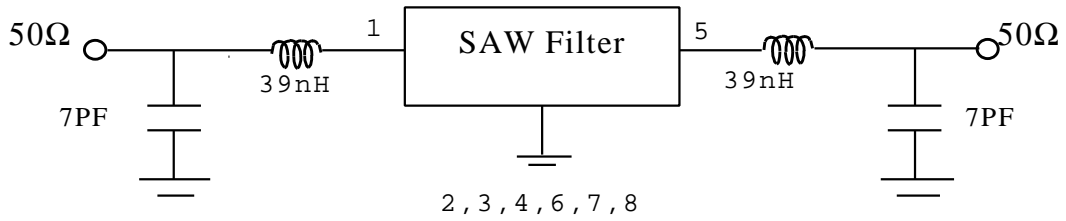


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**D. MEASUREMENT CIRCUIT:**

HP Network analyzer



**E. OUTLINE DRAWING:**

