

462.53750MHz SAW Filter

Model: **TA0475A**

Part No: **MA09806**

REV NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 0 dBm
2. DC voltage: 5 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

TA= -40°C to +85°C

Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	-	462.5375	-	1
Minimum I.L. (dB) IL_{min}	-	3	4	
Pass band (relative to IL_{min}) 462.2875~462.7875 MHz (dB)	-	1	3	1
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	500	950	-	
Attenuation:(relative to IL_{min}) (dB) 10~437.46 MHz (dB)	40	46	-	1
437.46~448.26 MHz (dB)	40	45	-	
448.26~461.0 MHz (dB)	15	25	-	
464.2~473.6 MHz (dB)	10	16	-	
473.6~485.6 MHz (dB)	38	42	-	
485.6~1000 MHz (dB)	40	45	-	

Note1. The standard definitions is in JIS C 6703

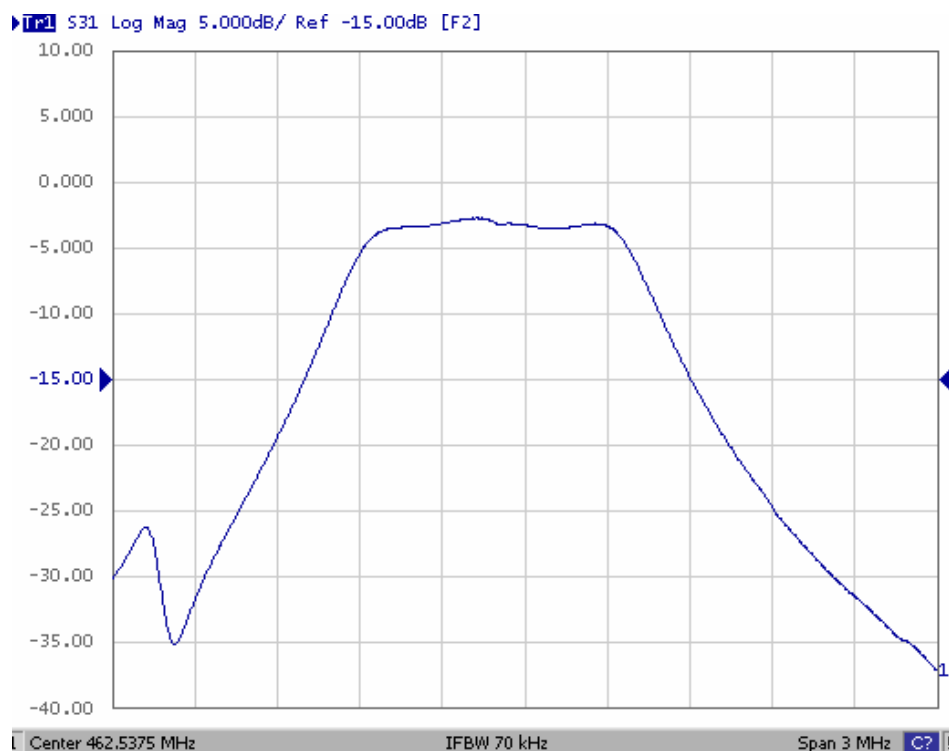
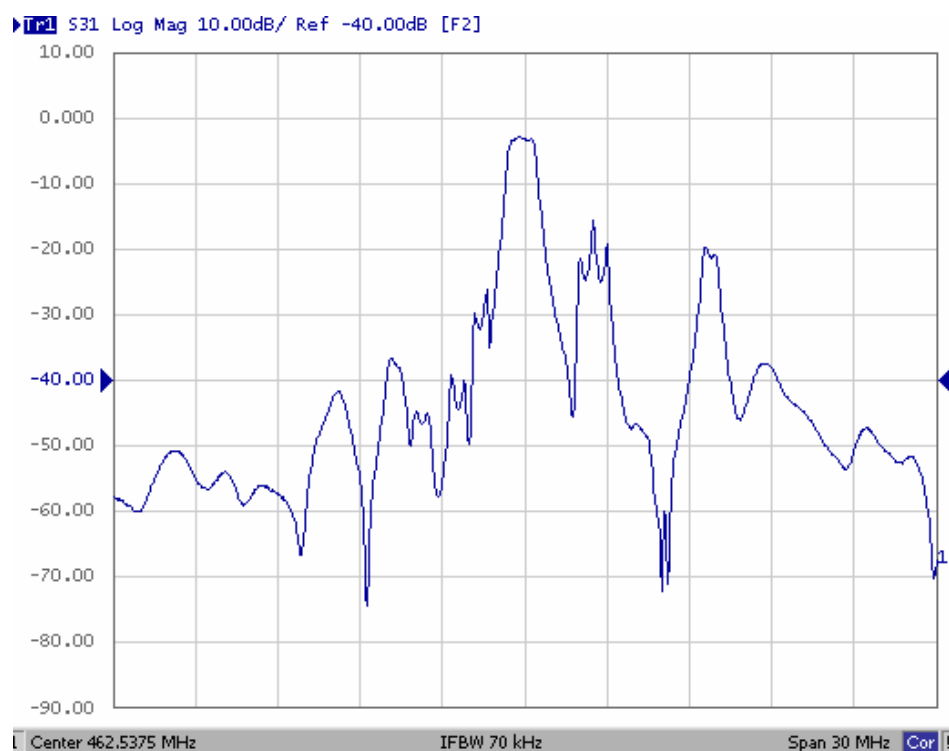
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C. FREQUENCY CHARACTERISTICS:



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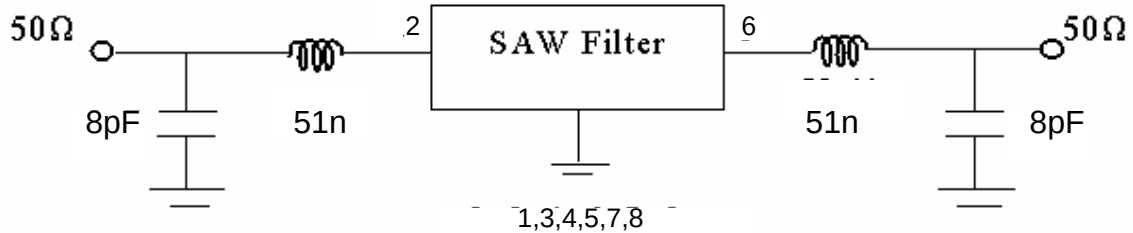
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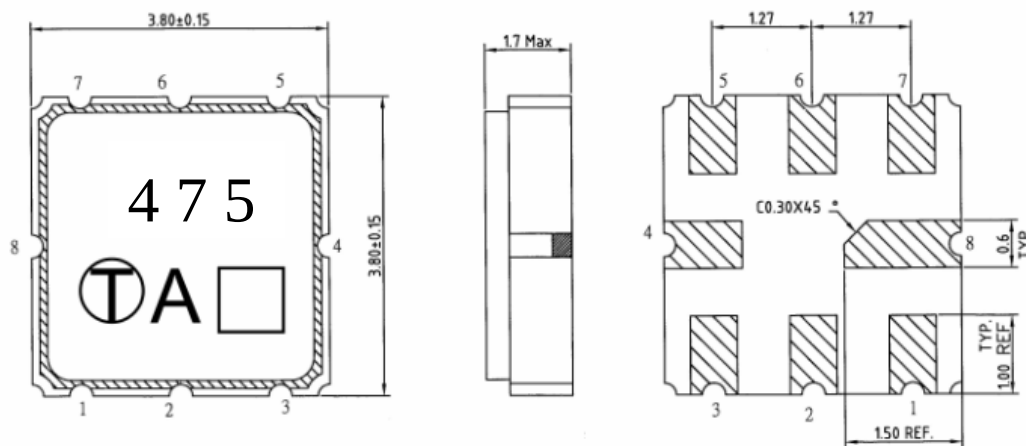
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D. MEASUREMENT CIRCUIT:

HP Network analyzer

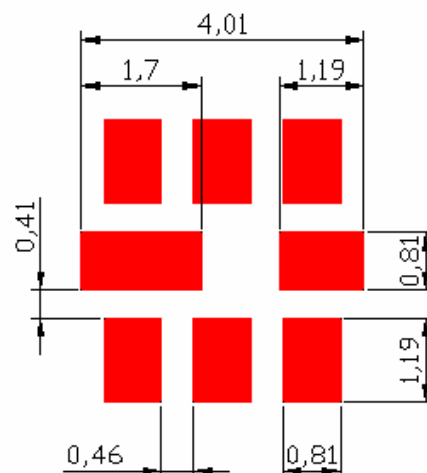


E. OUTLINE DRAWING:



Pin2: Input
 Pin6: Output
 Pin1,3,4,5,7,8 to be ground
 □ : Date code
 Unit : mm

F. PCB FOOTPRINT



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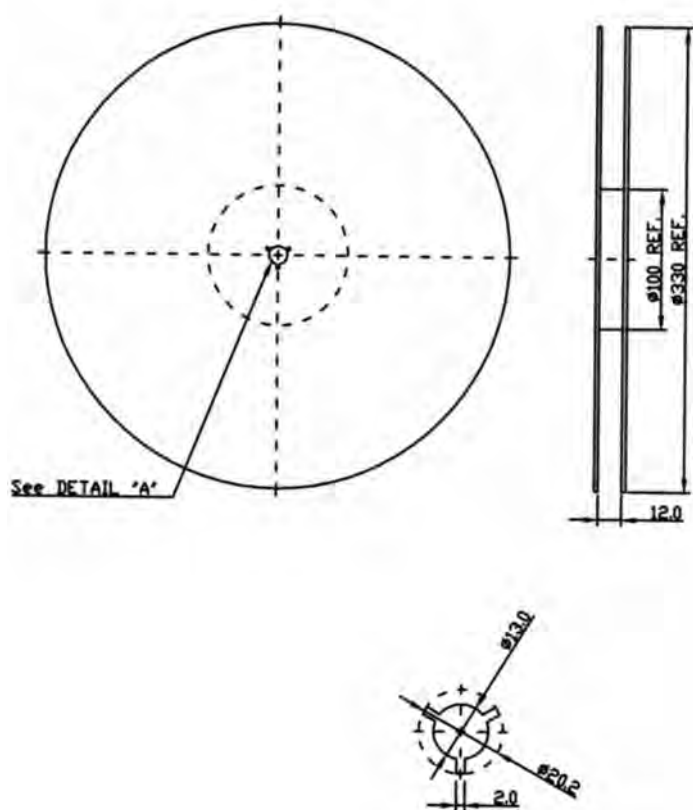
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

