

SAW Filter 868.95MHz
Part No: MA07090

Model: TA0274A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 0dBm
2. DC voltage: 0V
3. Operating Temperature: -45°C to +90°C
4. Storage Temperature: -45°C to +90°C

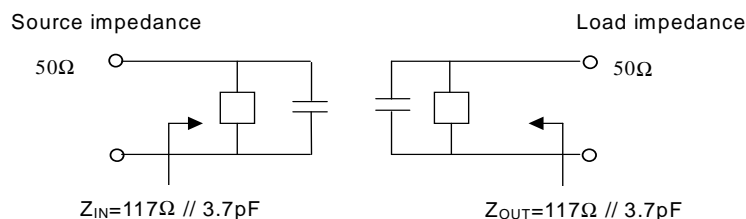
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: -45°C to +90°C

Item	Min.	Typ.	Max.	Note
Center frequency Fc (MHz)	-	868.95	-	1
Minimum IL (868.7 ~ 869.2MHz) (dB) IL min	-	3.0	4.7	
Pass band (relative to IL min)				
868.7 ~ 869.2MHz (dB)	-	1.0	3.0	1
868.6 ~ 869.3MHz (dB)	-	1.5	6.0	
Pass bandwidth (relative to IL min) BW3 (kHz)	-	1850	-	
Attenuation: (relative to IL min) (dB)				
10 ~ 700MHz (dB)	55	60	-	1
700 ~ 830MHz (dB)	45	50	-	
830 ~ 850.6MHz (dB)	35	40	-	
850.6 ~ 865.62MHz (dB)	25	30	-	
871.6 ~ 875.1MHz (dB)	11	14	-	
875.1 ~ 883.6MHz (dB)	16	21	-	
883.6 ~ 900MHz (dB)	30	33	-	
900 ~ 1000MHz (dB)	45	50	-	
Impedance at Fc: Input Z _{IN} = R _{IN} // C _{IN} Output Z _{OUT} = R _{OUT} // C _{OUT}	117Ω // 3.7pF 117Ω // 3.7pF			2

Note 1: The standard definitions is in JIS C 6703

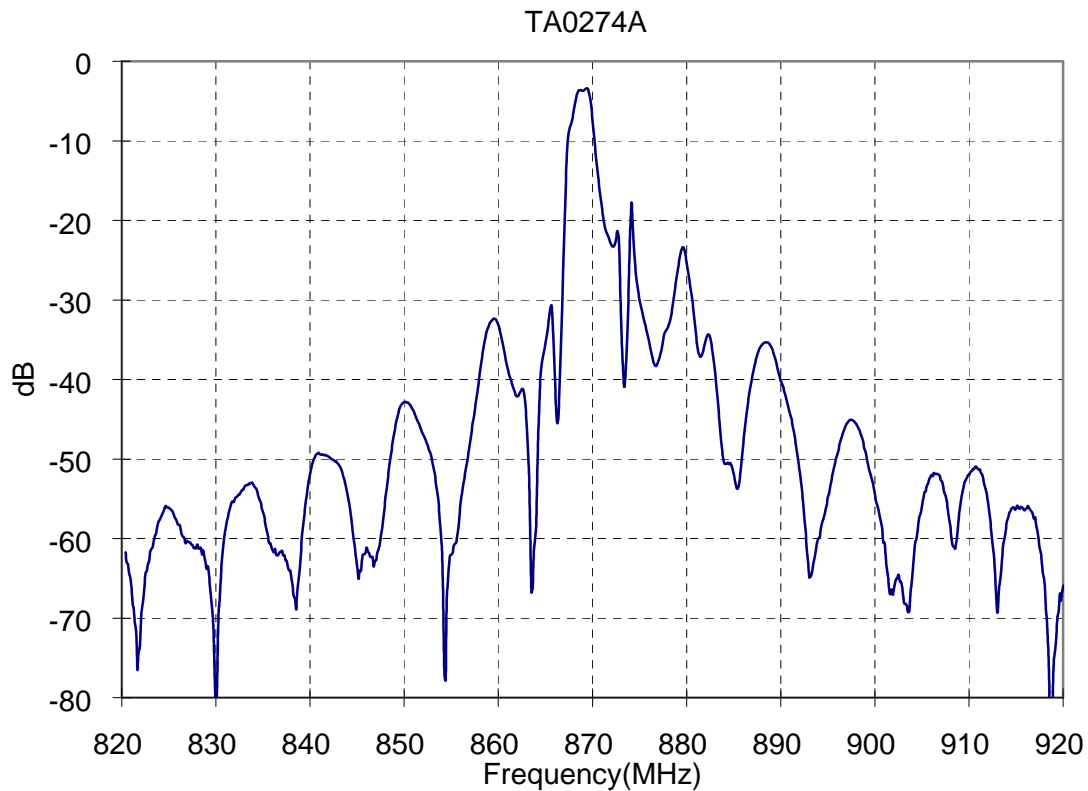
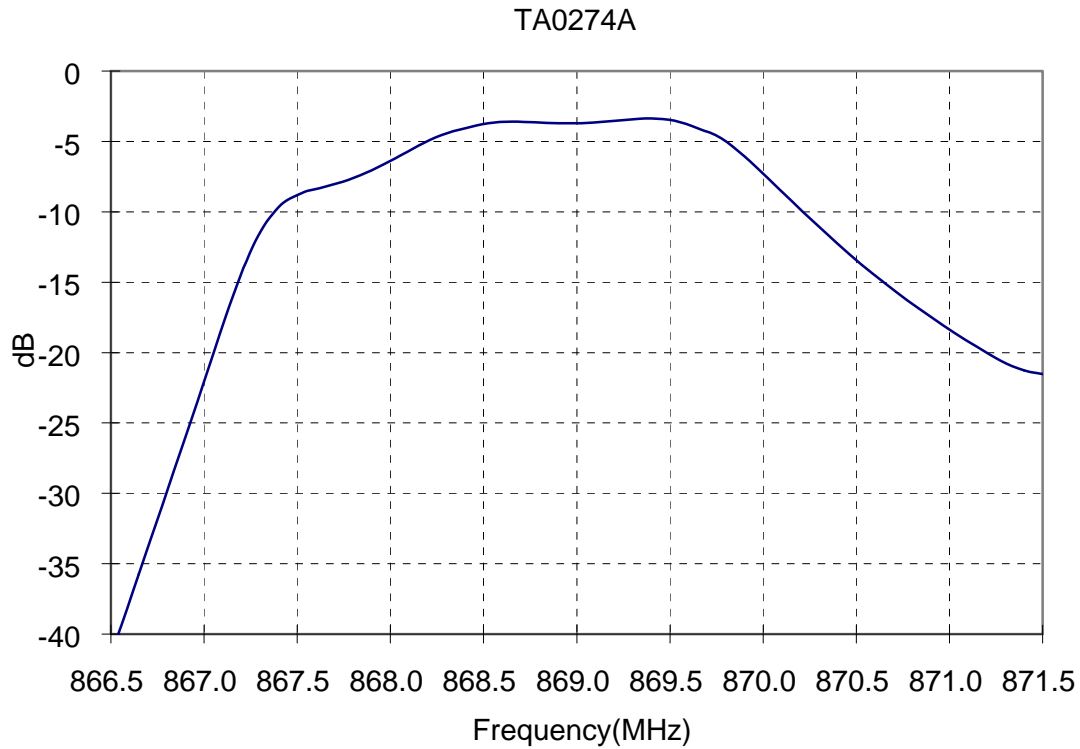
Note 2:



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C. FREQUENCY CHARACTERISTICS:

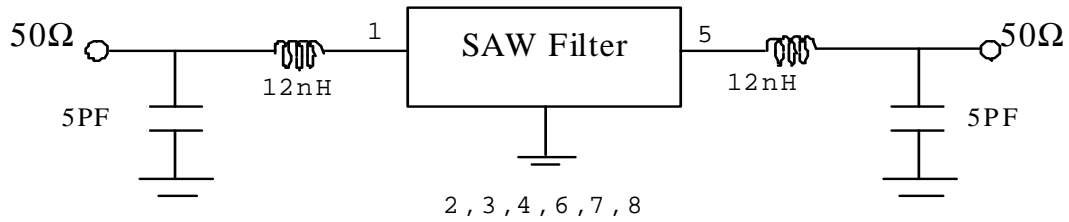


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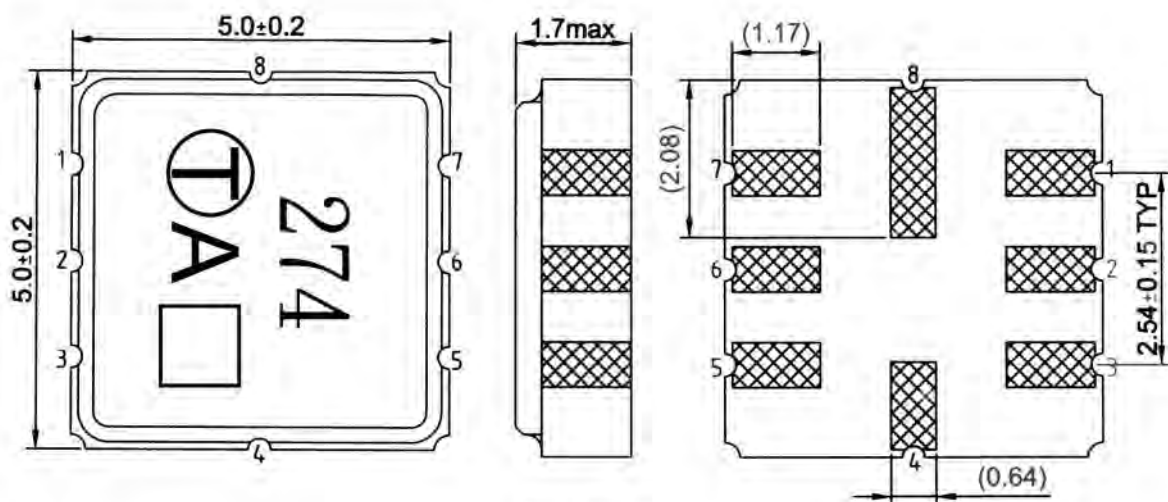
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D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:



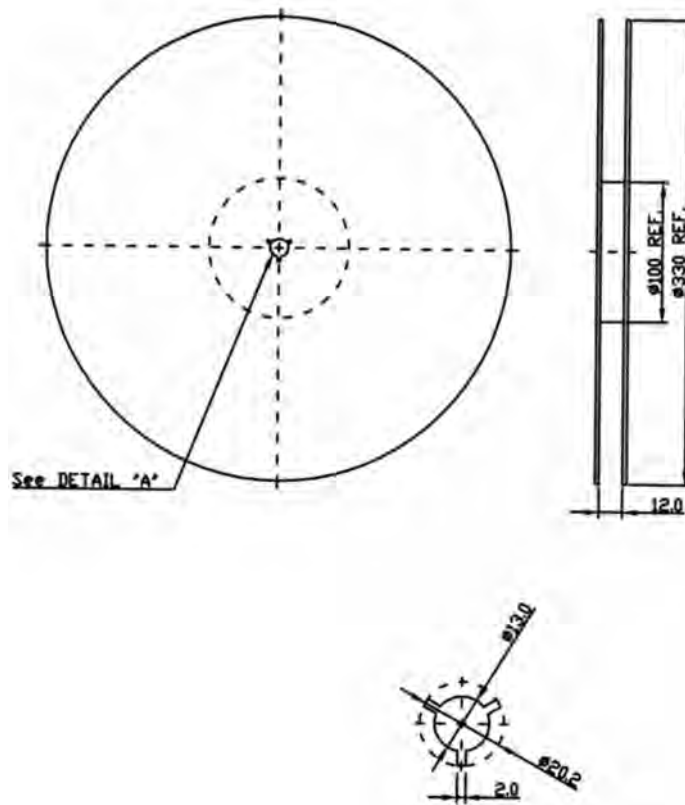
- #1 : Input
- #5 : Output
- #4、8 : Case Ground
- #2、3、6、7 : Ground
- : Date code
- Unit : mm

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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

