

SAW Filter 868.950MHz
Part No: MA09714

Model: TA0595A
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

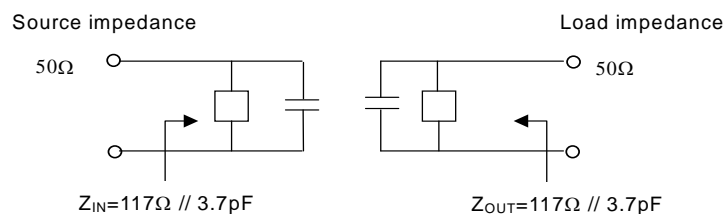
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: -45°C to +90°C

Item	Min.	Typ.	Max.	Note
Center frequency Fc (MHz)	-	868.95	-	1
Minimum I.L. (868.7 ~ 869.2MHz) (dB) IL min	-	3.5	4.7	
Pass band (relative to IL min)				
868.7~869.2 MHz (dB)	-	1.0	3.0	1
868.6~869.3 MHz (dB)	-	1.5	6.0	
Pass bandwidth (relative to IL min) BW3 (kHz)	-	1850	-	
Attenuation: (relative to IL min) (dB)				
10 ~ 700MHz (dB)	45	50	-	1
700 ~ 830MHz (dB)	40	45	-	
830 ~ 850.6MHz (dB)	35	30	-	
850.6 ~ 865.62MHz (dB)	20	25	-	
871.6 ~ 875.1MHz (dB)	8	13	-	
875.1 ~ 884.0MHz (dB)	13	19	-	
884.0 ~ 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 // 3.7 pF 117Ω // 3.7 pF			2

Note 1: The standard definitions is in JIS C 6703

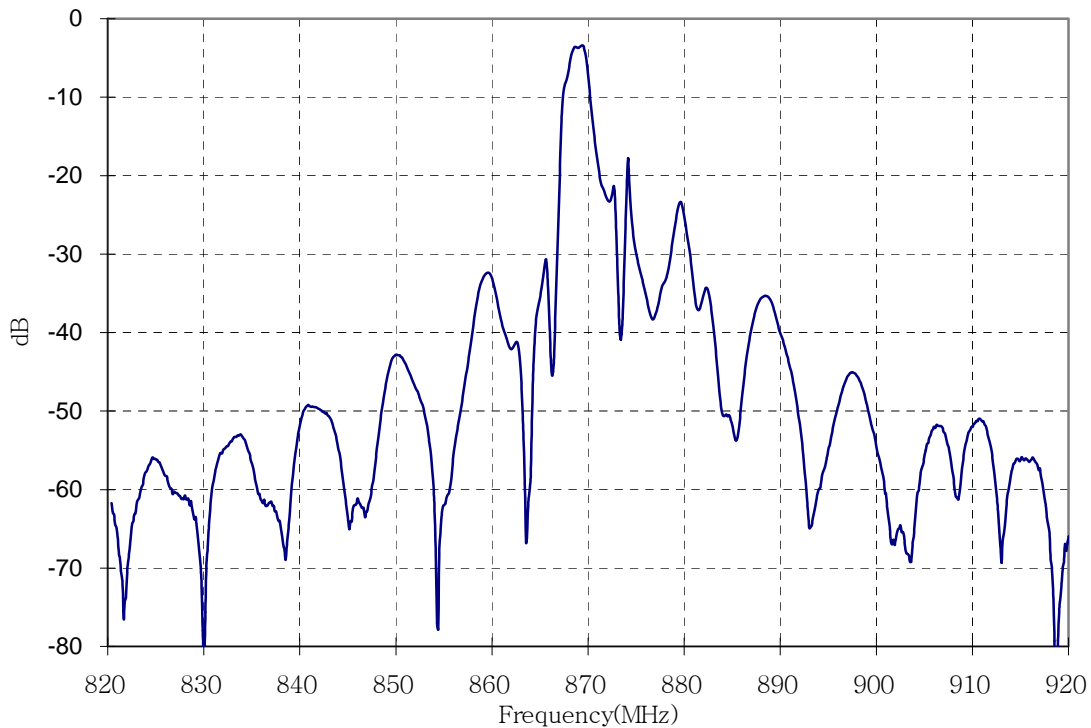
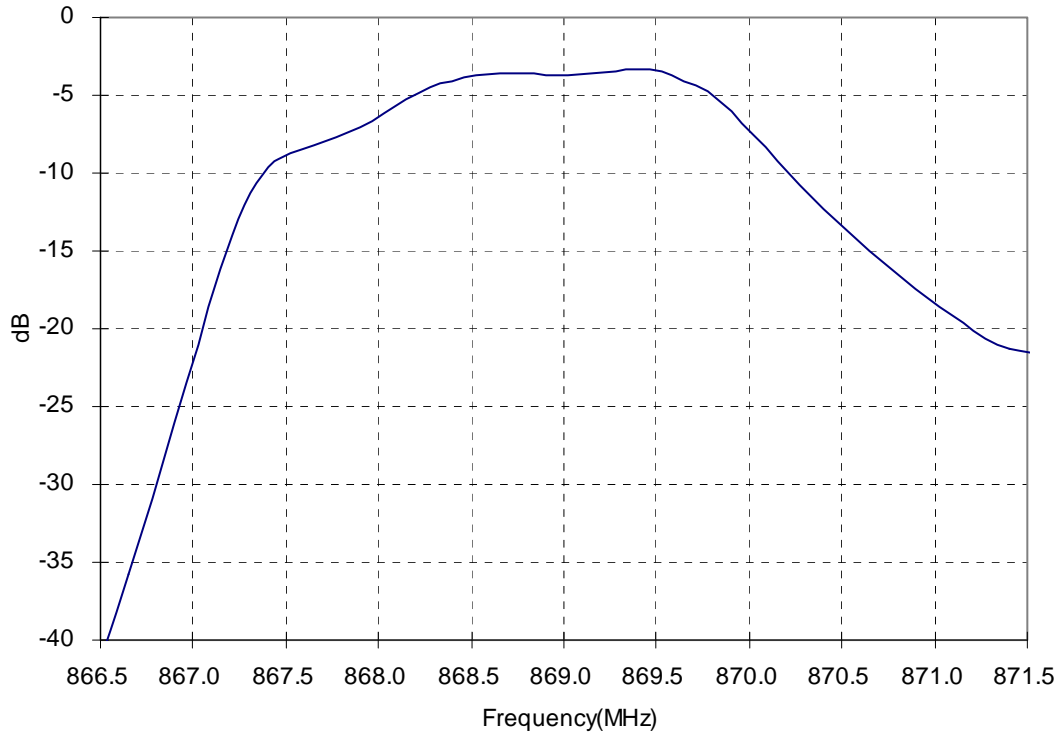
Note 2:



SAW Filter 868.950MHz
Part No: MA09714

Model: TA0595A
Rev. No: 1

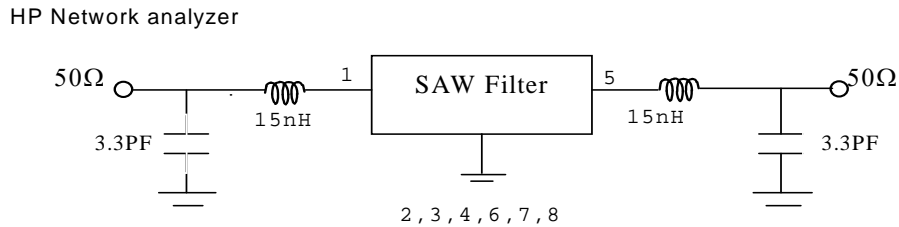
C. FREQUENCY CHARACTERISTICS:



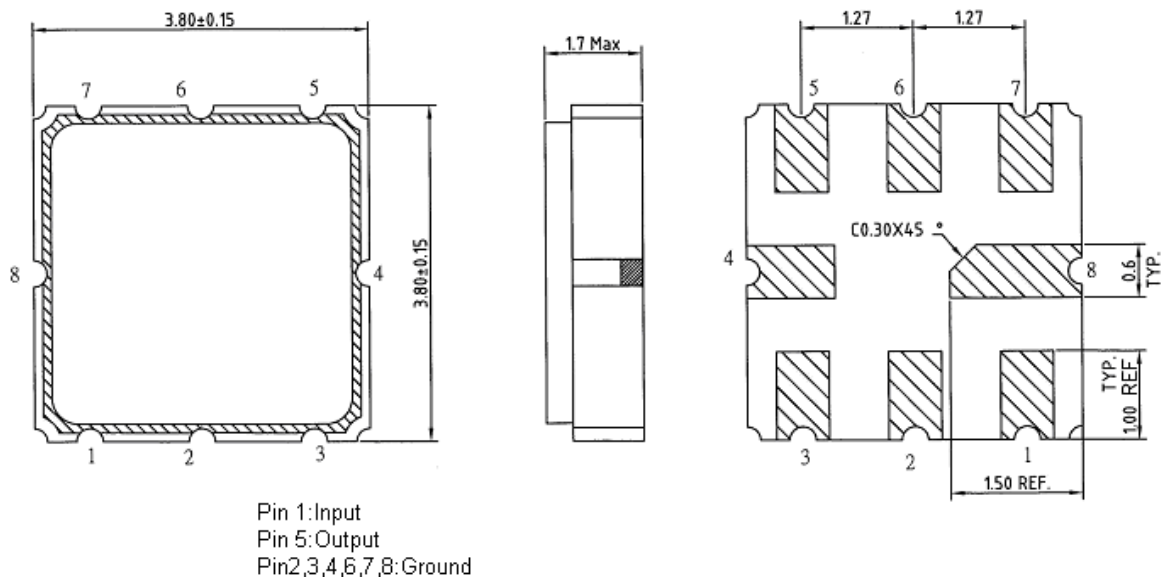
SAW Filter 868.950MHz
Part No: MA09714

Model: TA0595A
Rev. No: 1

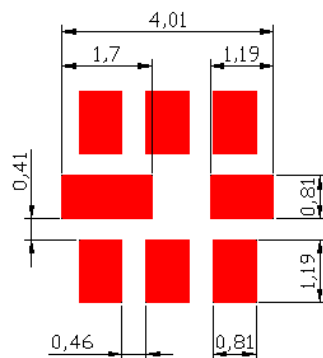
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



F. PCB FOOTPRINT

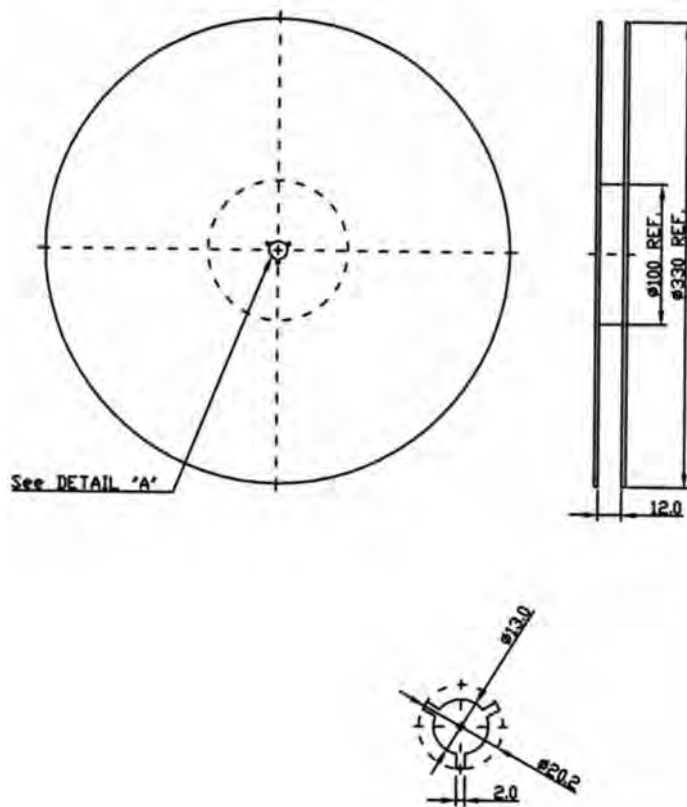


SAW Filter 868.950MHz
Part No: MA09714

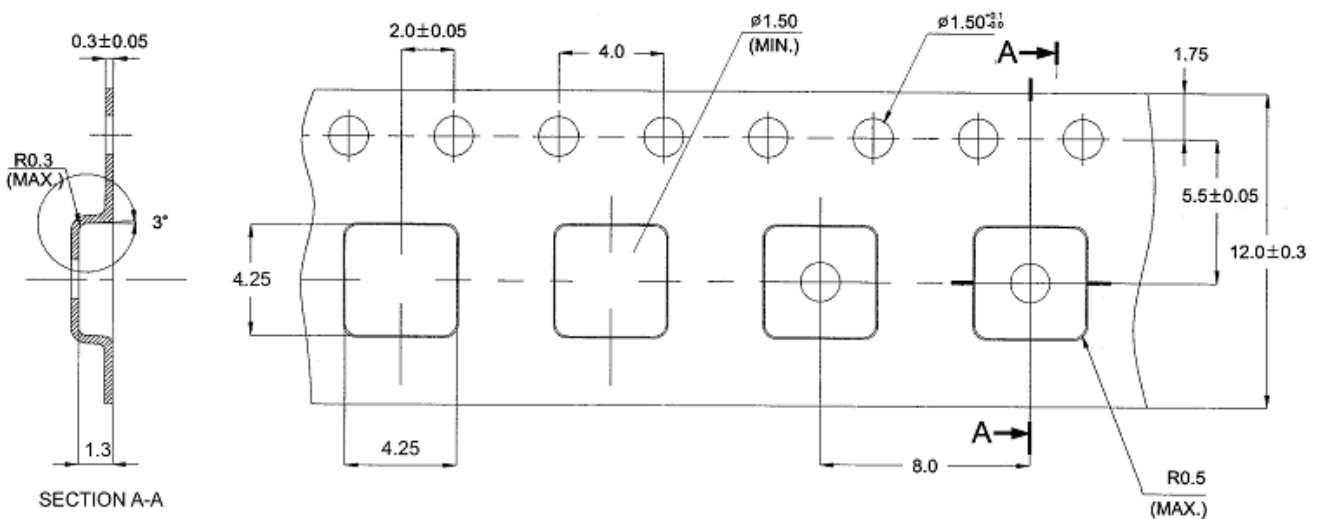
Model: TA0595A
Rev. No: 1

G. PACKING:

1. Reel Dimension



2. Tape Dimension



SAW Filter 868.950MHz
Part No: MA09714

Model: TA0595A
Rev. No: 1

H. RECOMMENDED REFLOW PROFILE:

