

SAW Filter 490.0MHz
Part No: MP04074

Model: TA1112A
Rev No:1

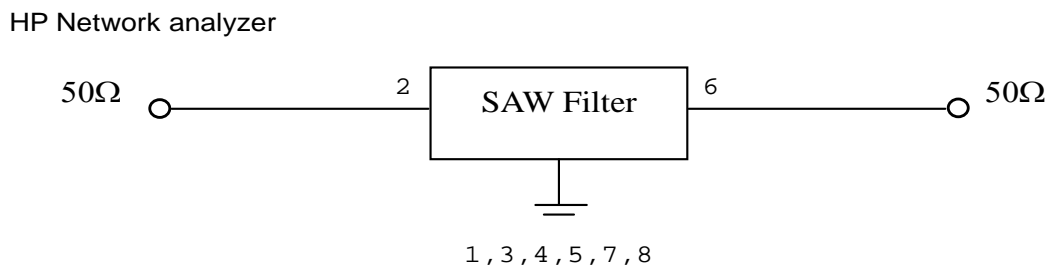
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 5V
3. Operating Temperature: -30°C to +60°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	490	-
Insertion loss (480 ~ 500MHz) IL	dB	-	2.4	3.2
Amplitude Ripple (480 ~ 500MHz)	dB	-	0.9	2.4
Return loss (480 ~ 500MHz)	dB	6	7.3	-
Attenuation (Reference level from 0dB)				
0.3 ~ 300MHz	dB	30	58	-
300 ~ 380MHz	dB	24	55	-
380 ~ 460MHz	dB	15	50	-
534.825 ~ 554.825MHz	dB	12	53	-
559.65 ~ 579.65MHz	dB	28	55	-
669.3 ~ 689.3MHz	dB	24	49	-
689.3 ~ 1000MHz	dB	26	43	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

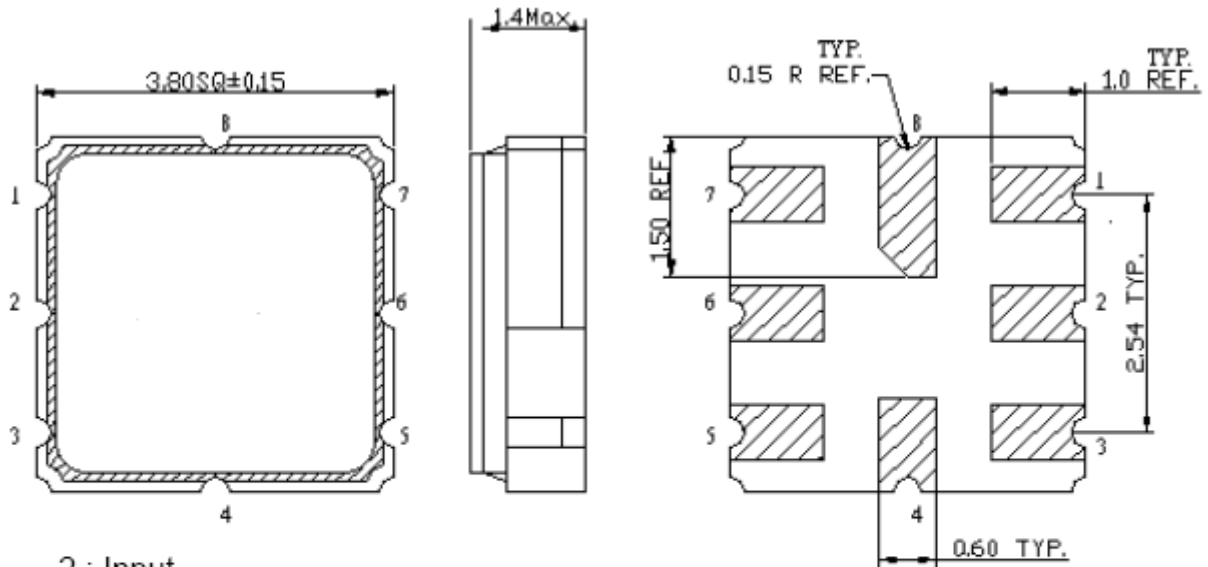
C. MEASUREMENT CIRCUIT:



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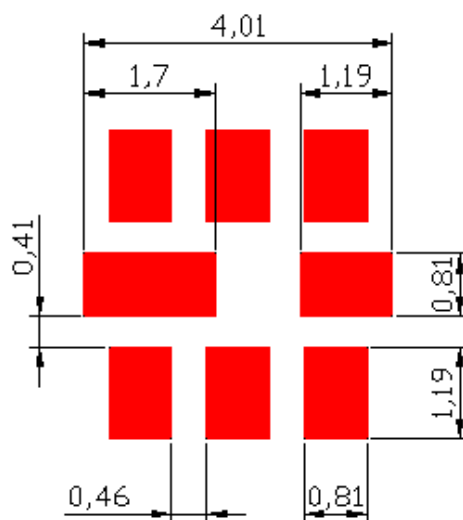
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D. OUTLINE DRAWING:



2 : Input
 6: Output
 1,3,4,5,7,8: Ground

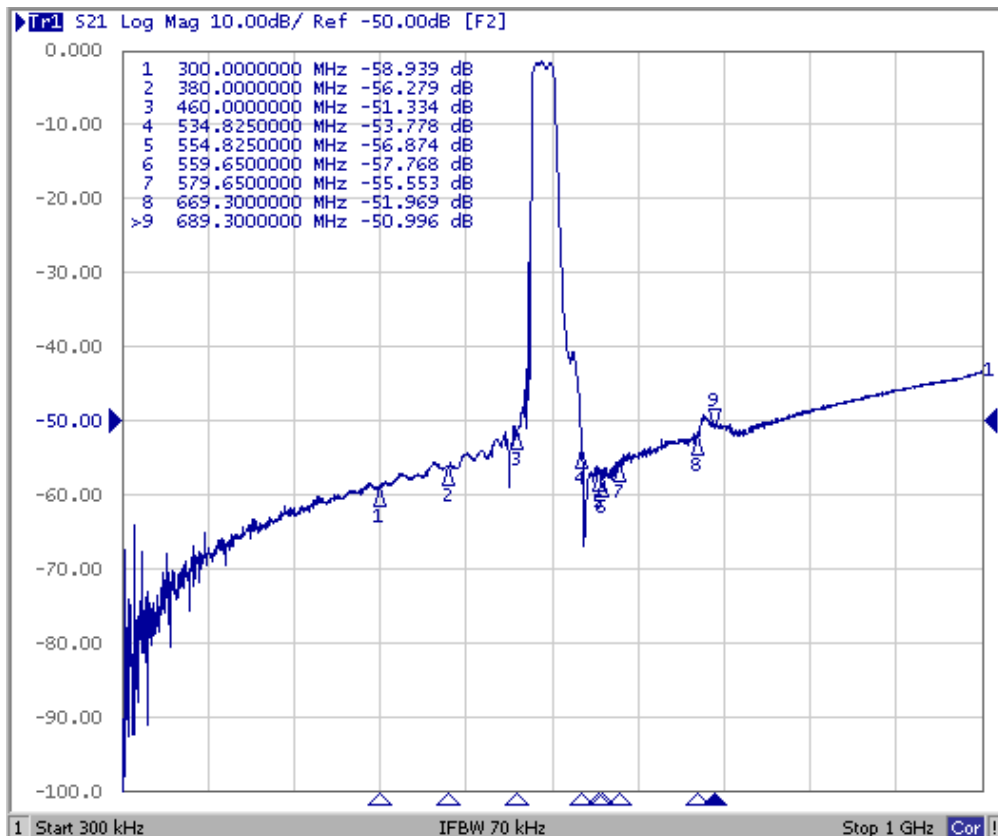
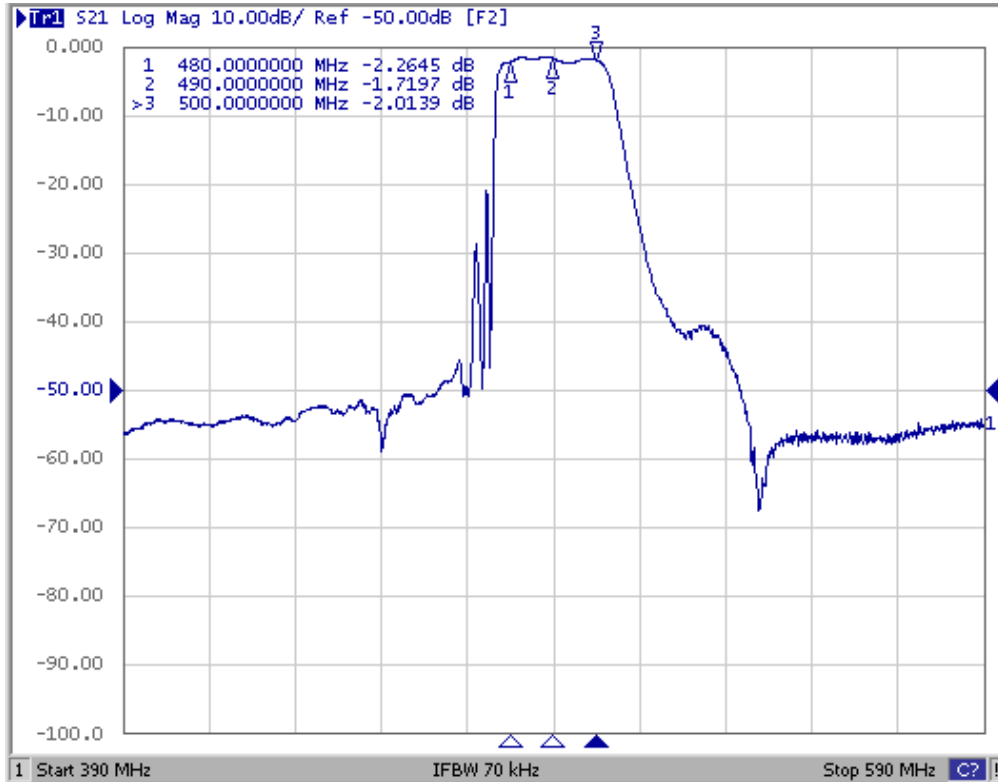
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

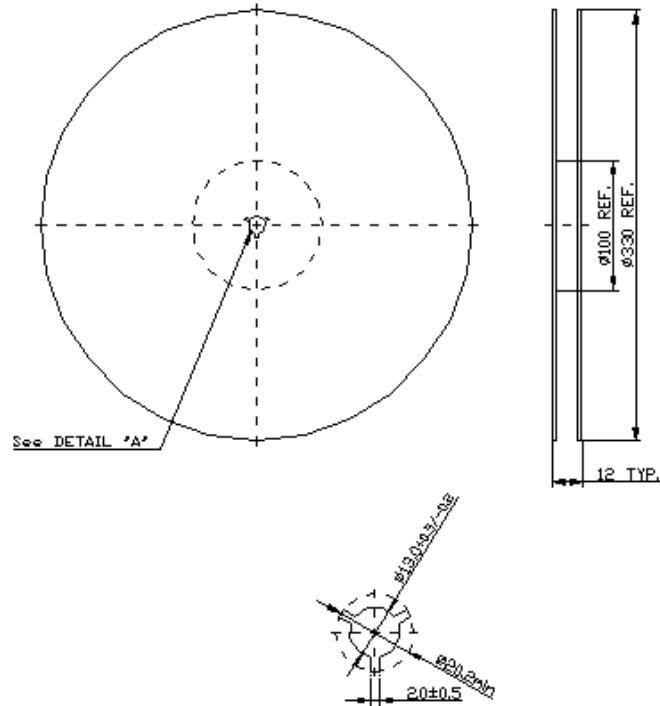


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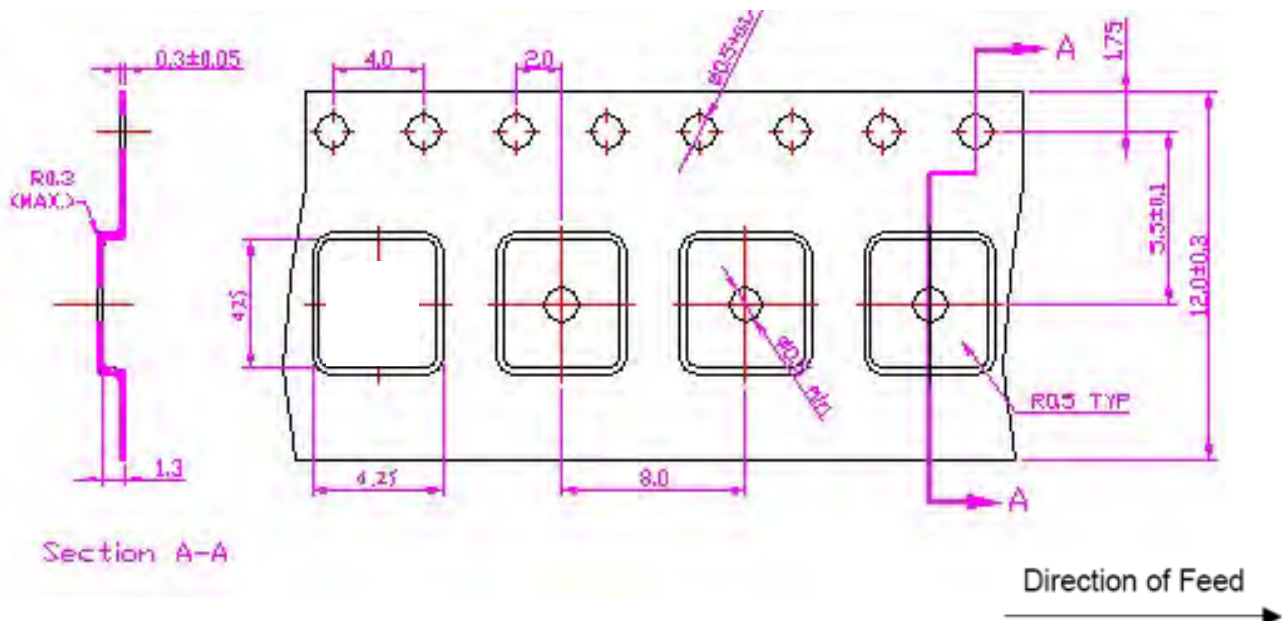
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

