

SAW Filter: 834.0MHz
Part No: MP04298

Model: TA1092A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 15dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

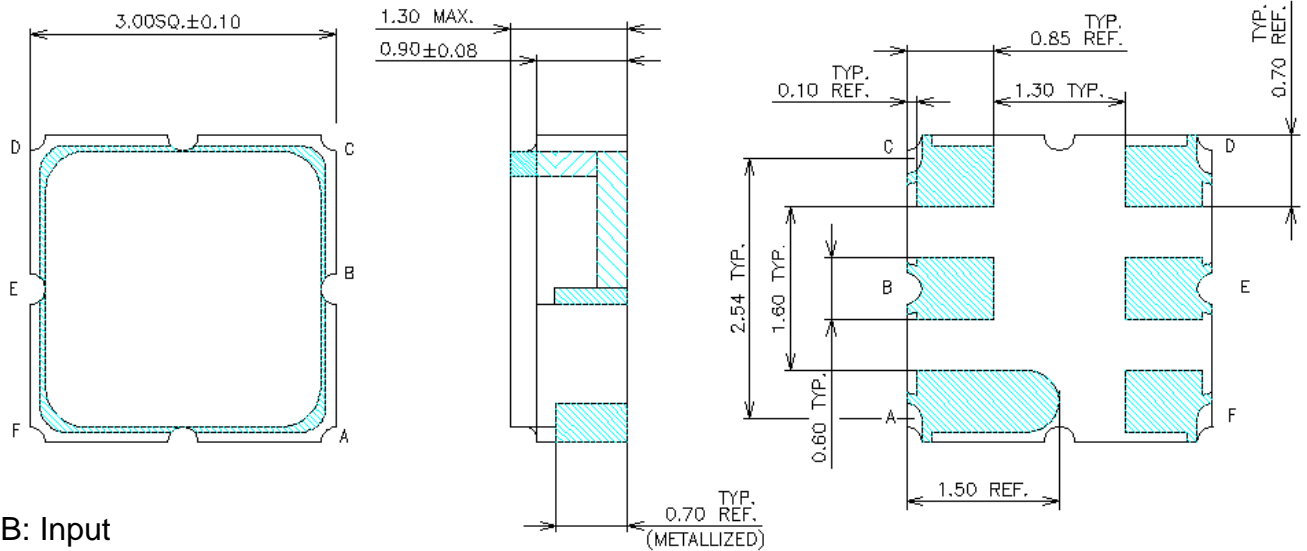
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min	Typ.	Max
Center Frequency Fc	MHz		834	
Insertion Loss (819 ~ 849MHz) IL	dB	-	3	4
Amplitude Ripple (819 ~ 849MHz)	dB	-	1	2
I/O Return Loss (819 ~ 849MHz)	dB	-	12	10
Attenuation (Reference level from 0dB)				
10 ~ 660MHz	dB	30	60	-
660 ~ 710MHz	dB	25	60	-
710 ~ 760MHz	dB	20	58	-
864 ~ 869MHz	dB	15	19	-
894 ~ 934MHz	dB	20	44	-
934 ~ 990MHz	dB	25	60	-
990 ~ 2600MHz	dB	25	30	-
Input / Output Impedance	Ω	50		

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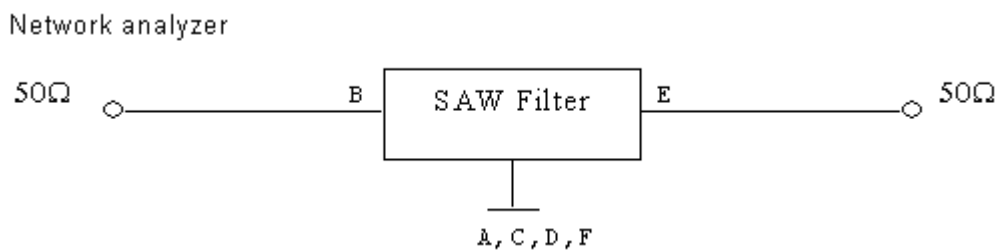
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C. OUTLINE DRAWING:

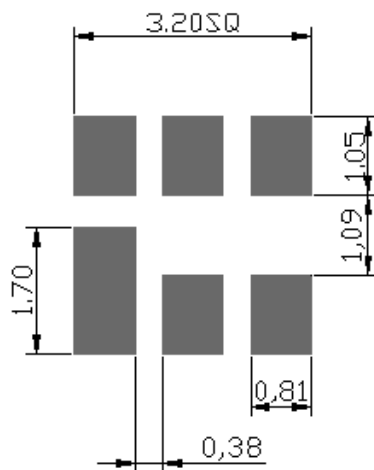


B: Input
 E: Output
 A, C, D, F: Ground
 Dimension: mm

D. MEASUREMENT CIRCUIT:



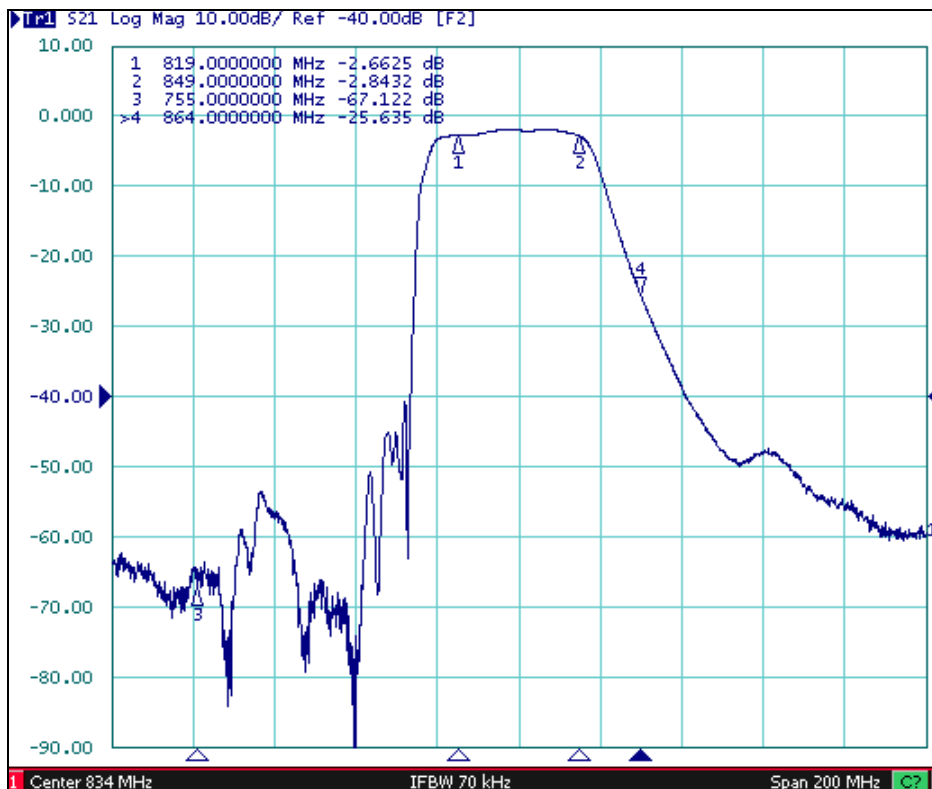
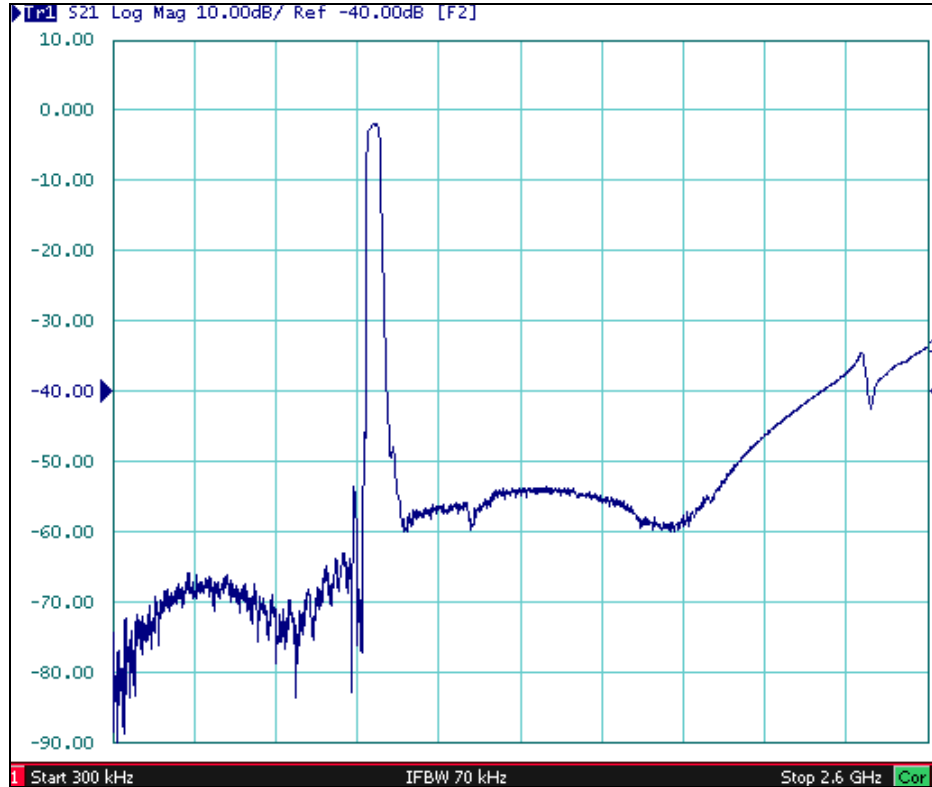
E. PCB FOOTPRINT:



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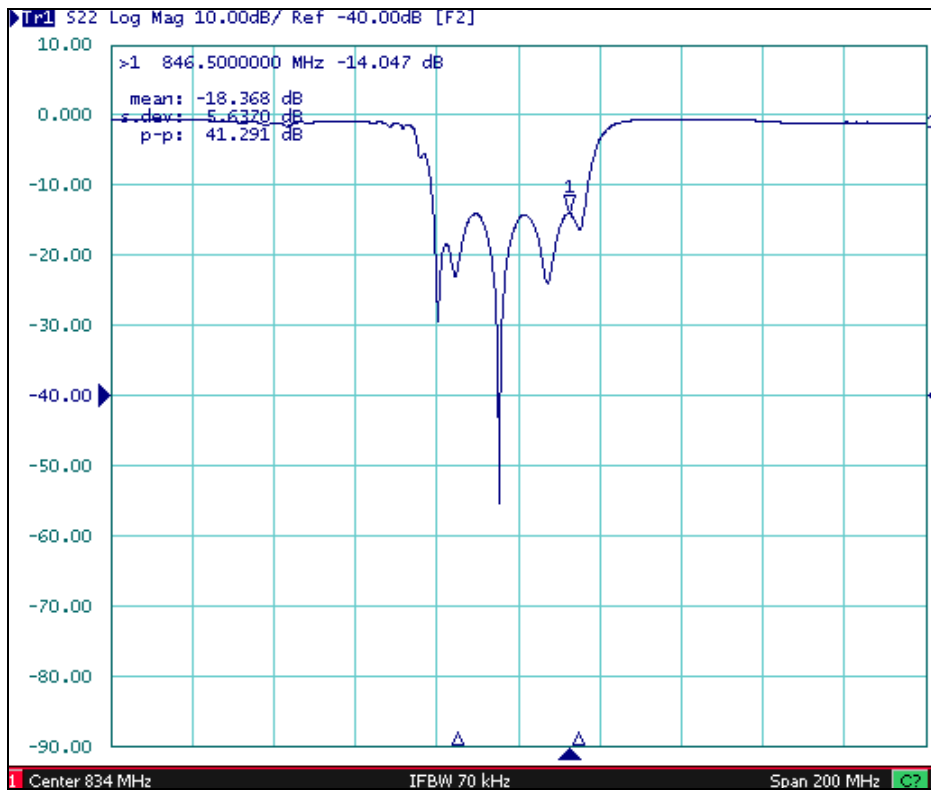
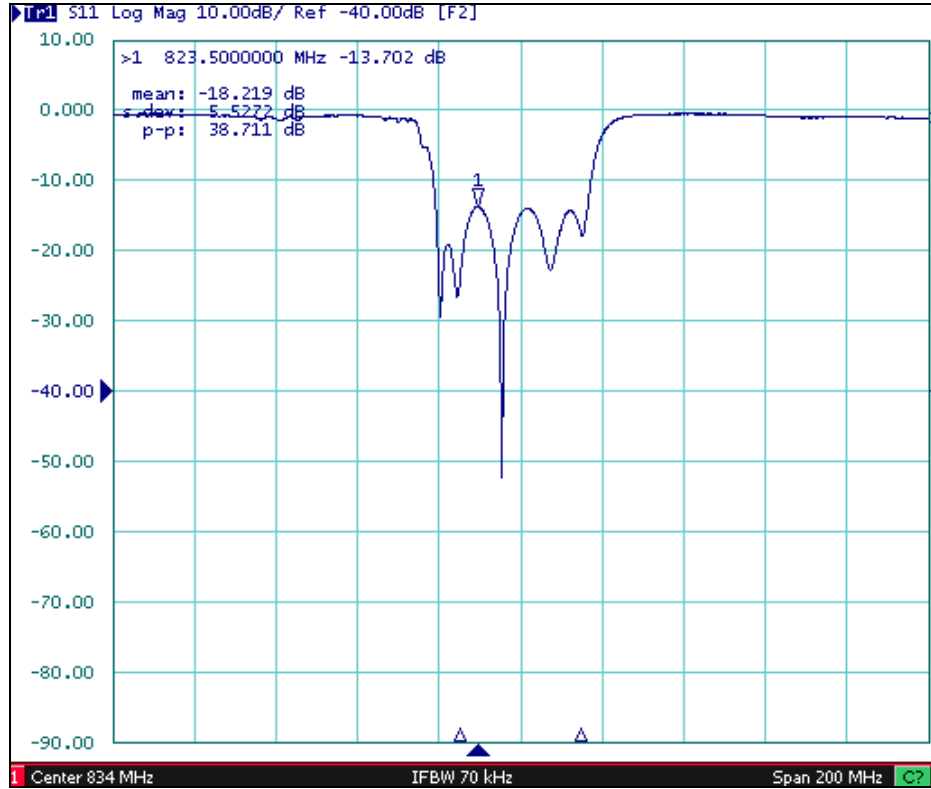
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F. FREQUENCY CHARACTERISTICS:



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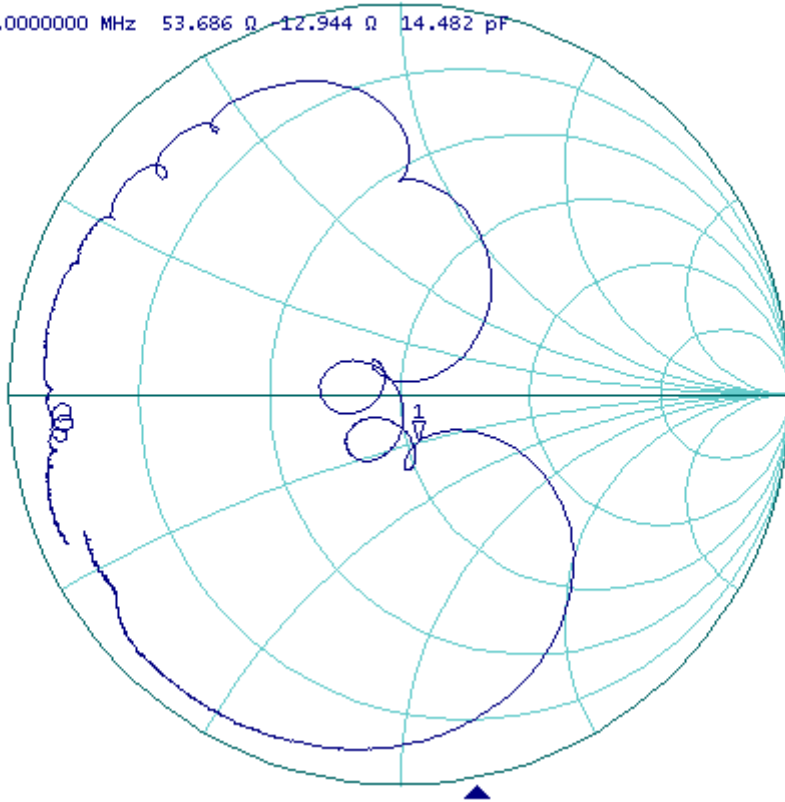


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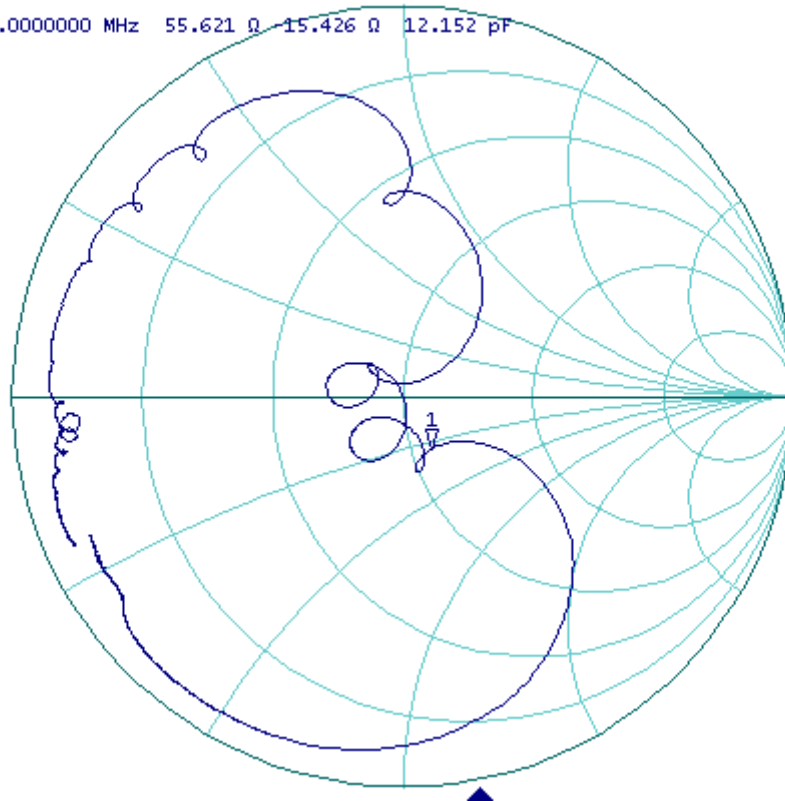
▶ **[F2]** S11 Smith (R+jX) Scale 1.000U [F2]

>1 849.0000000 MHz 53.686 Ω -12.944 Ω 14.482 pF



▶ **[F2]** S22 Smith (R+jX) Scale 1.000U [F2]

>1 849.0000000 MHz 55.621 Ω -15.426 Ω 12.152 pF

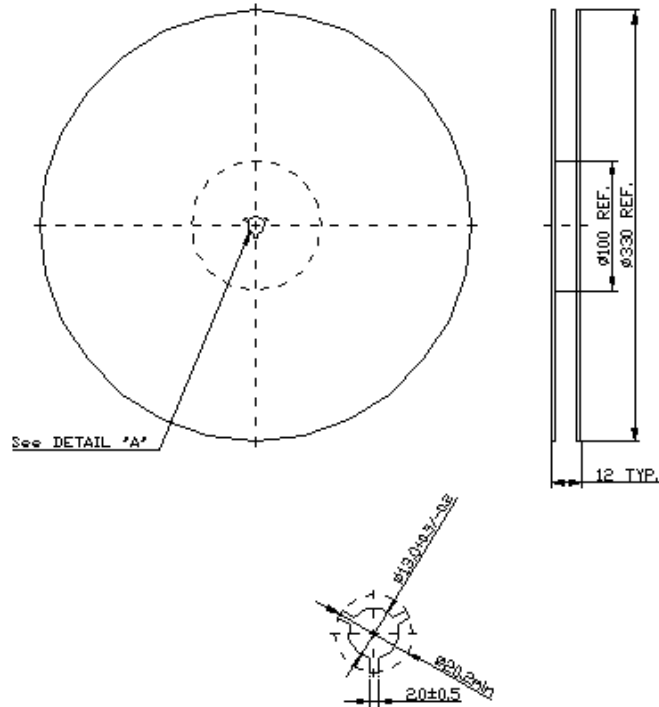


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G. PACKING:

1. Reel Dimension



2. Tape Dimension

