

SAW Filter 836.50MHz

Model: TA1652A

Part No: MP06501

Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

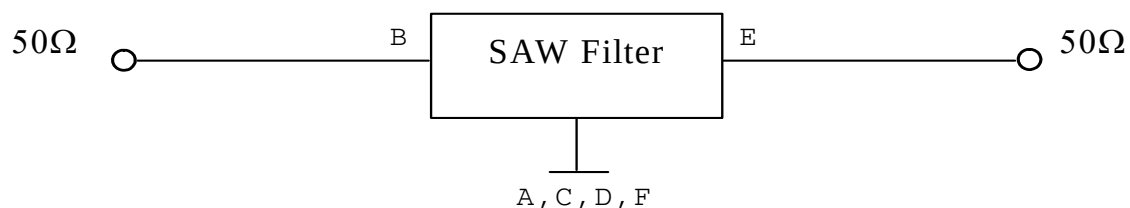
1. Input Power Level: 10dBm
2. DC voltage: 12V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	836.5	-
Insertion Loss (834.5 ~ 838.5MHz) IL min	dB	-	2.7	4.0
Amplitude Ripple (835.5 ~ 837.5MHz)	dB	-	0.4	2.5
-1dB bandwidth	MHz	4	9	-
-3dB bandwidth	MHz	6	11	-
Attenuation (Reference level from 0dB)				
20 ~ 785MHz	dB	40	44	-
785 ~ 810MHz	dB	30	45	-
810 ~ 829MHz	dB	2.5	19	-
843 ~ 850MHz	dB	2.5	5	-
850 ~ 910MHz	dB	18	41	-
910 ~ 1000MHz	dB	40	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



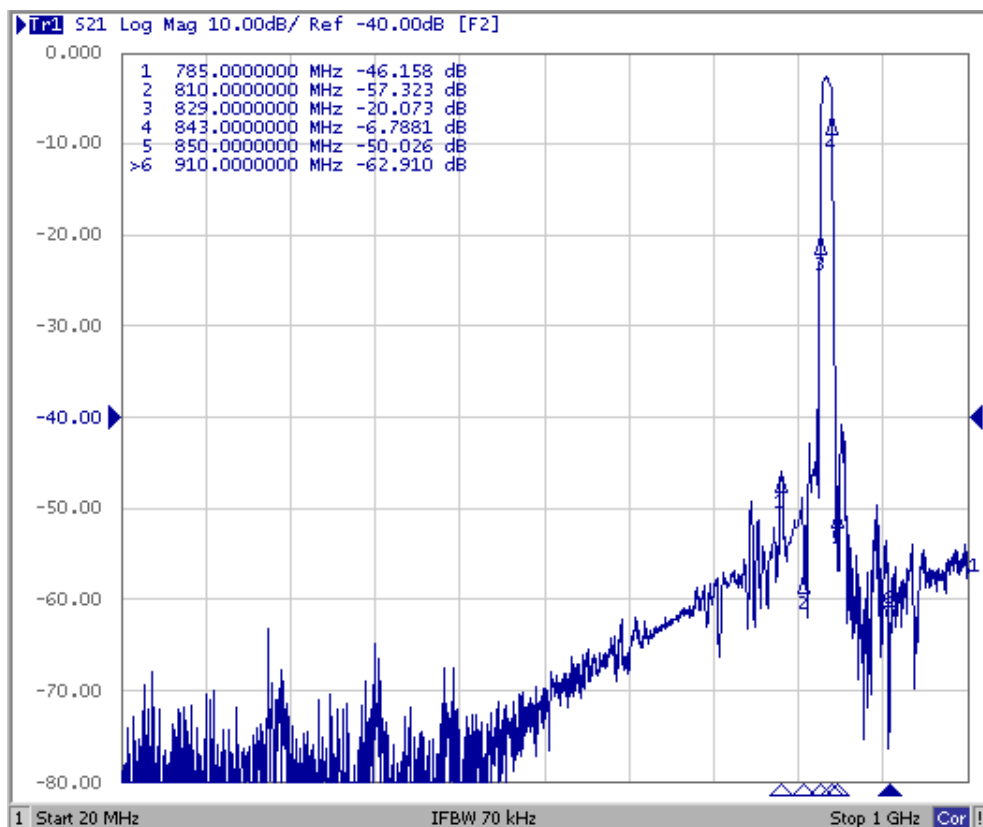
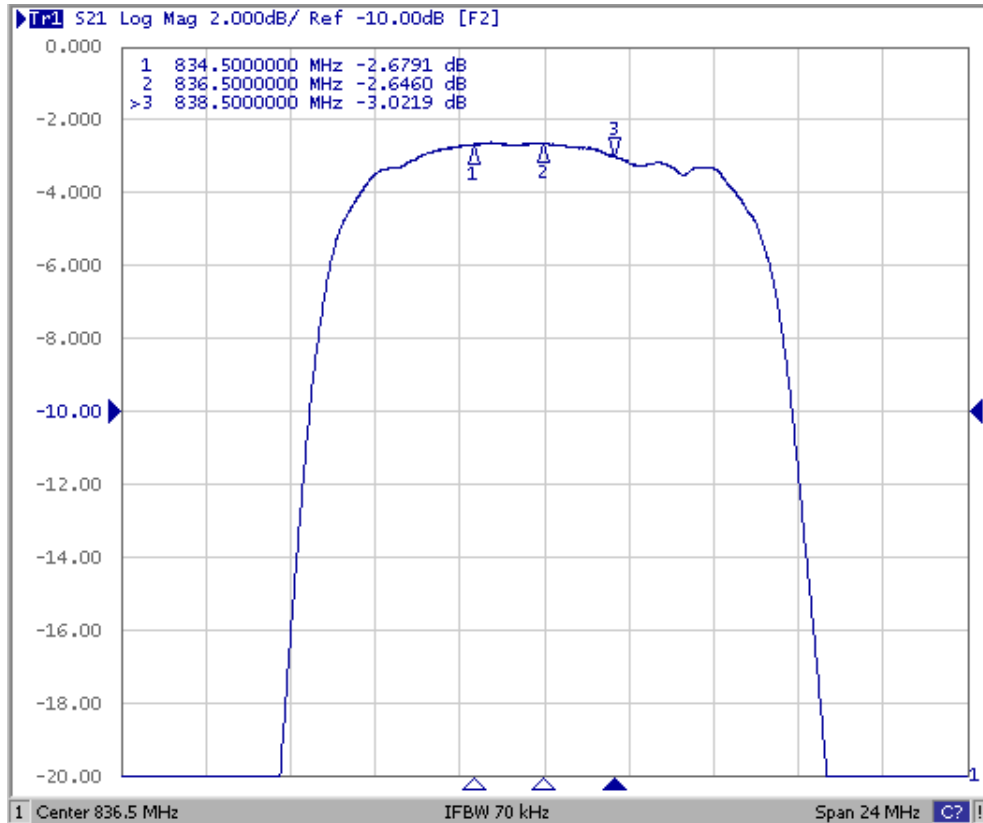
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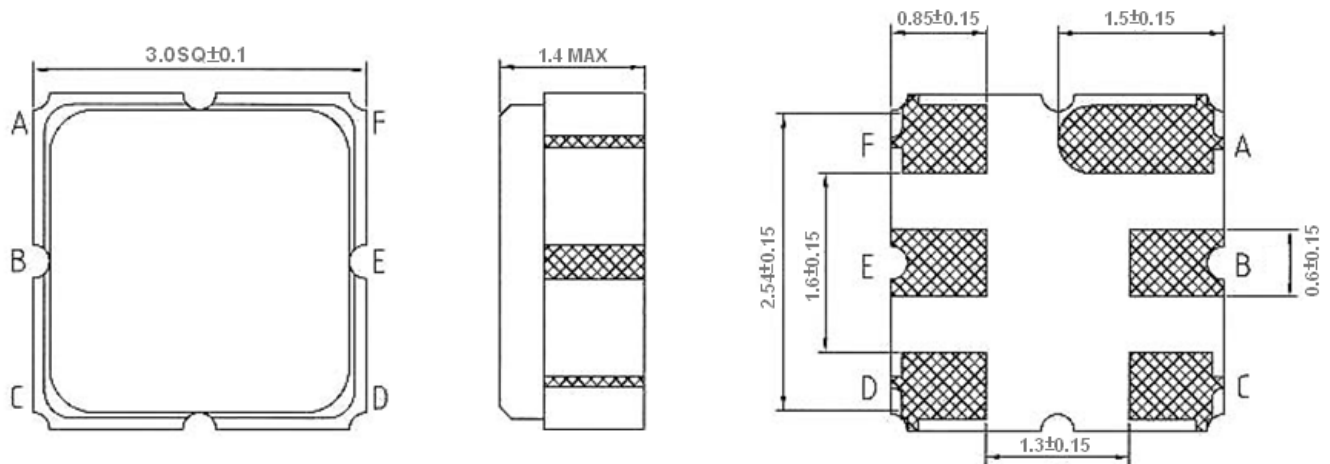
D. FREQUENCY CHARACTERISTICS:



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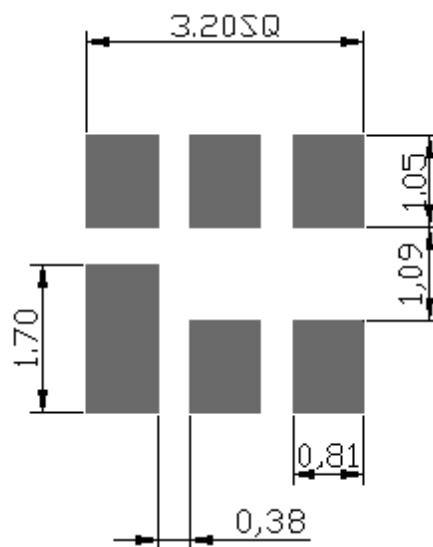
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:



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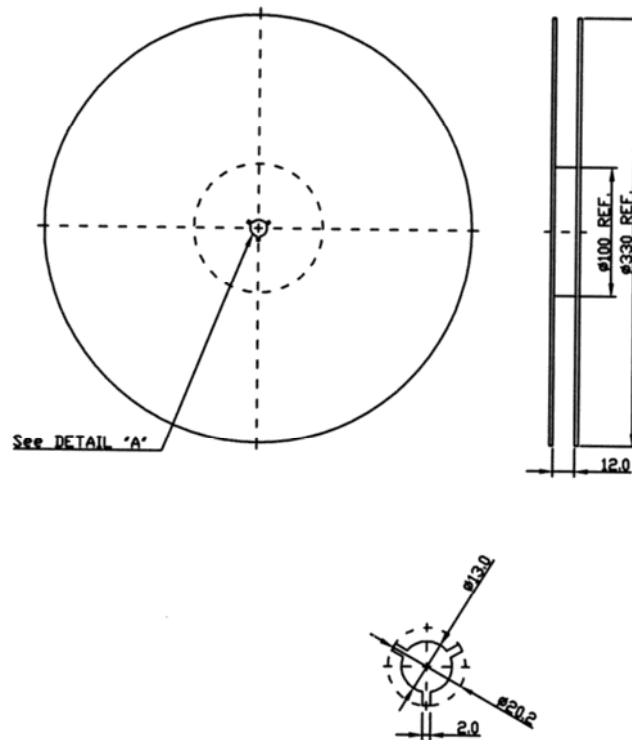
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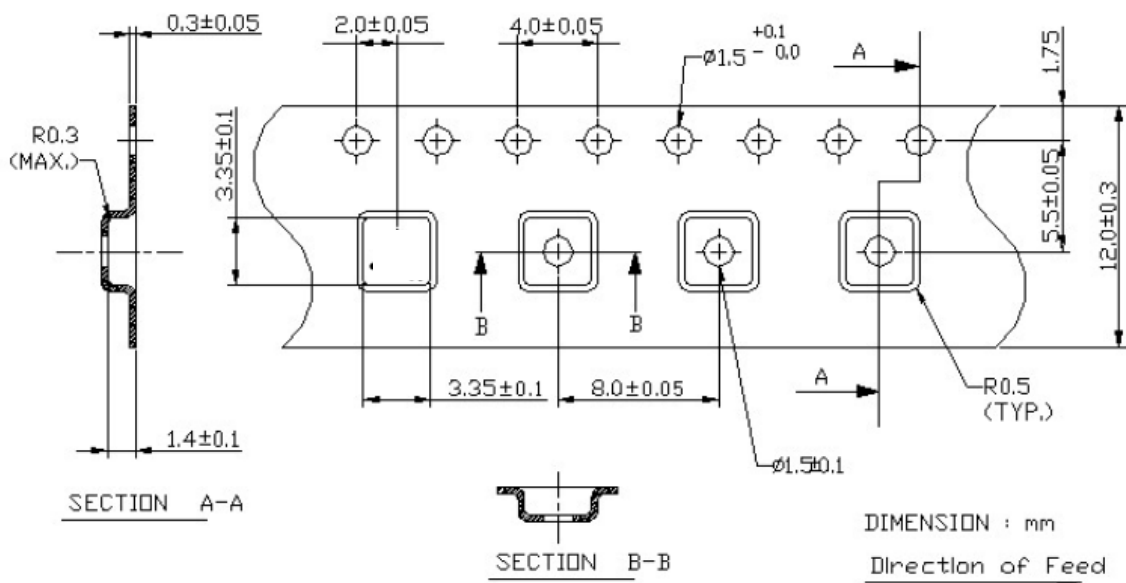
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G. PACKING:

1. Reel Dimension (Please refer to FR-75D10 for packing quantity)



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

