

SAW Filter 505.0MHz
Part No: MP08625

Model: TA2092A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC voltage: 3V
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	-	505	-
Insertion Loss (500 ~ 510MHz) IL	dB	-	2.1	5.0
Amplitude Ripple (500 ~ 510MHz)	dB	-	0.7	3.4
Attenuation (Reference level from 0dB)				
255 ~ 455MHz	dB	48	52	-
455 ~ 470MHz	dB	45	50	-
470 ~ 490MHz	dB	30	42	-
545 ~ 560MHz	dB	40	45	-
560 ~ 755MHz	dB	45	49	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

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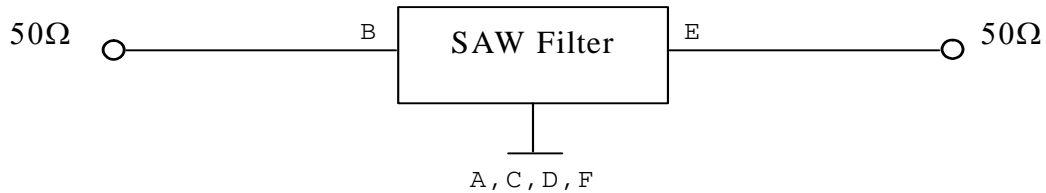
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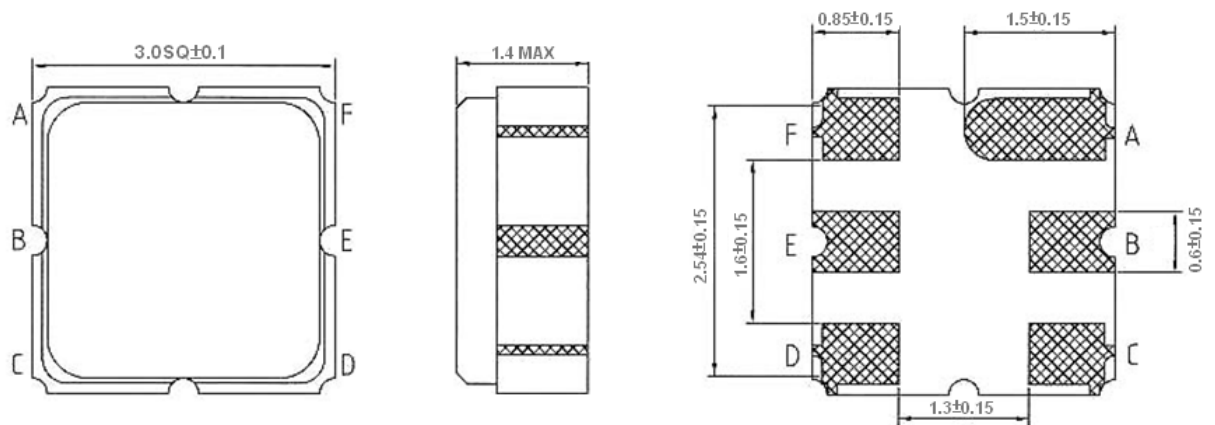
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C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:



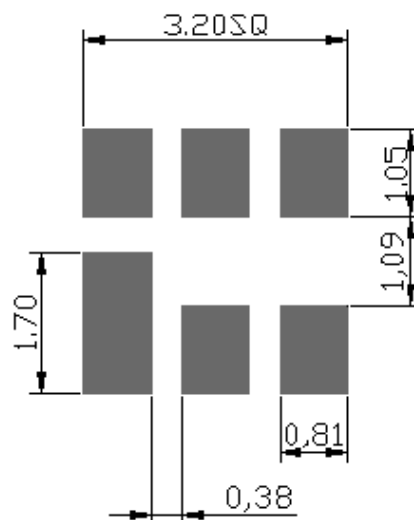
B: Input

E: Output

A, C, D, F: Ground

Unit: mm

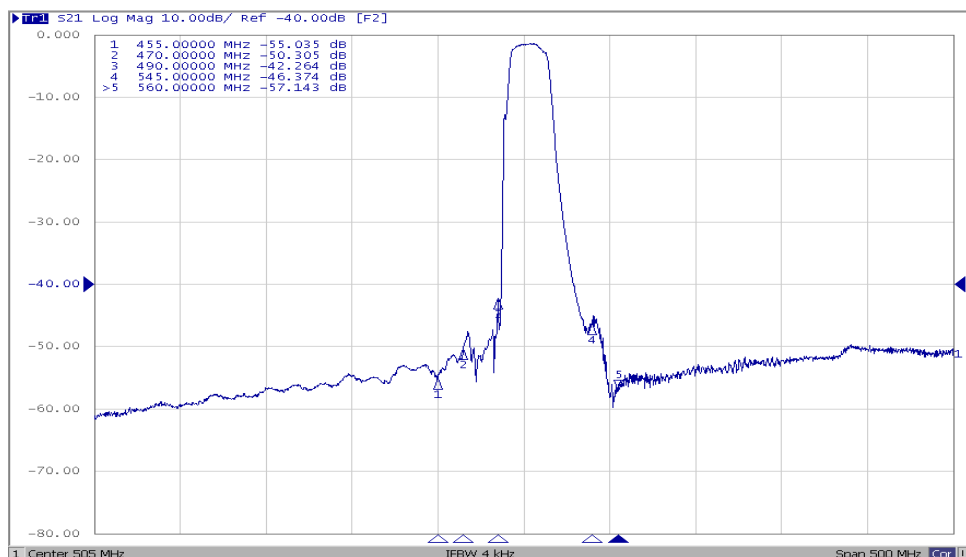
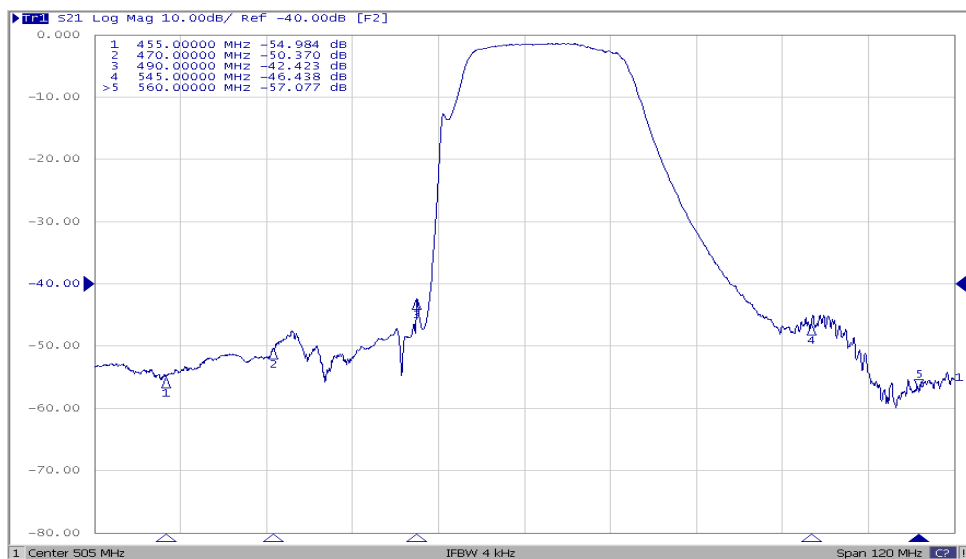
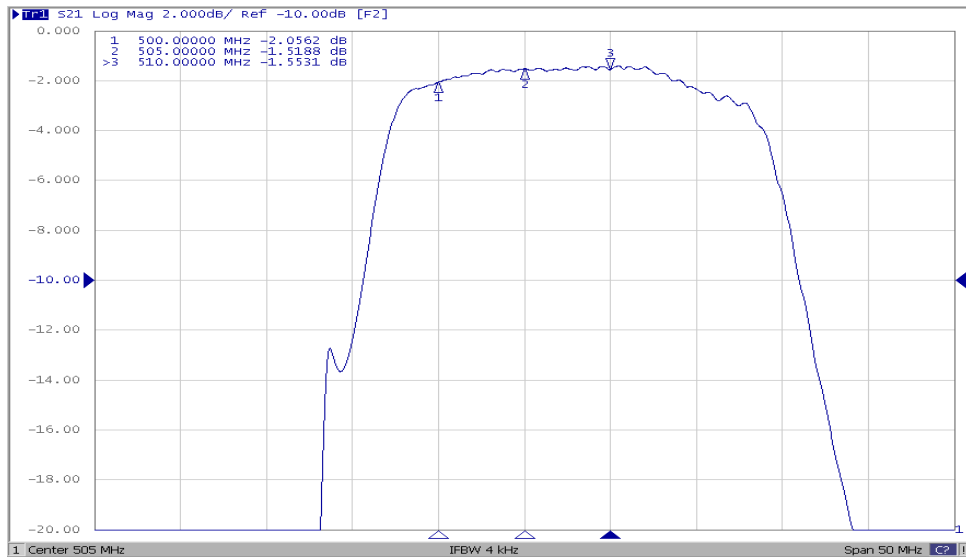
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

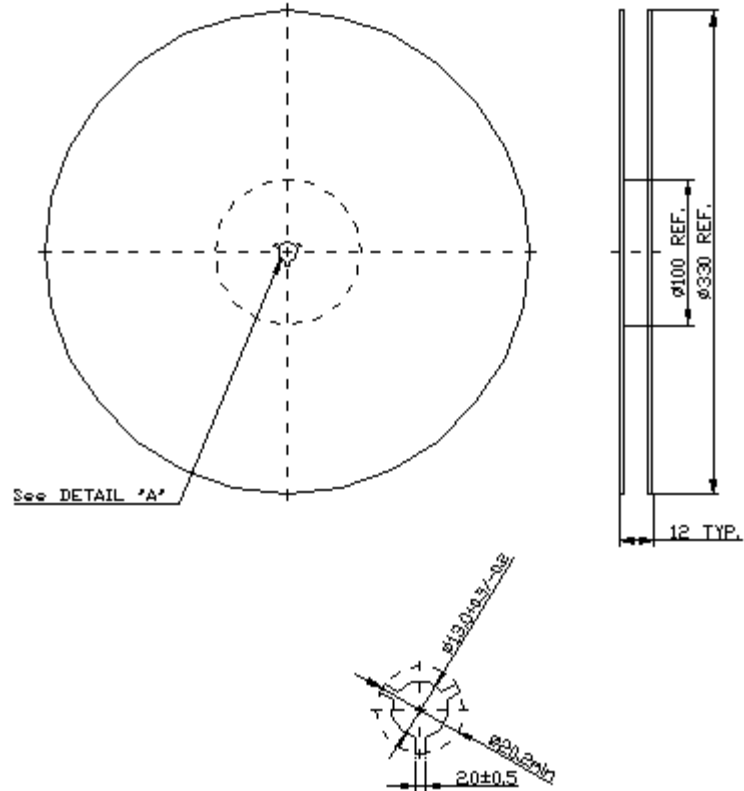


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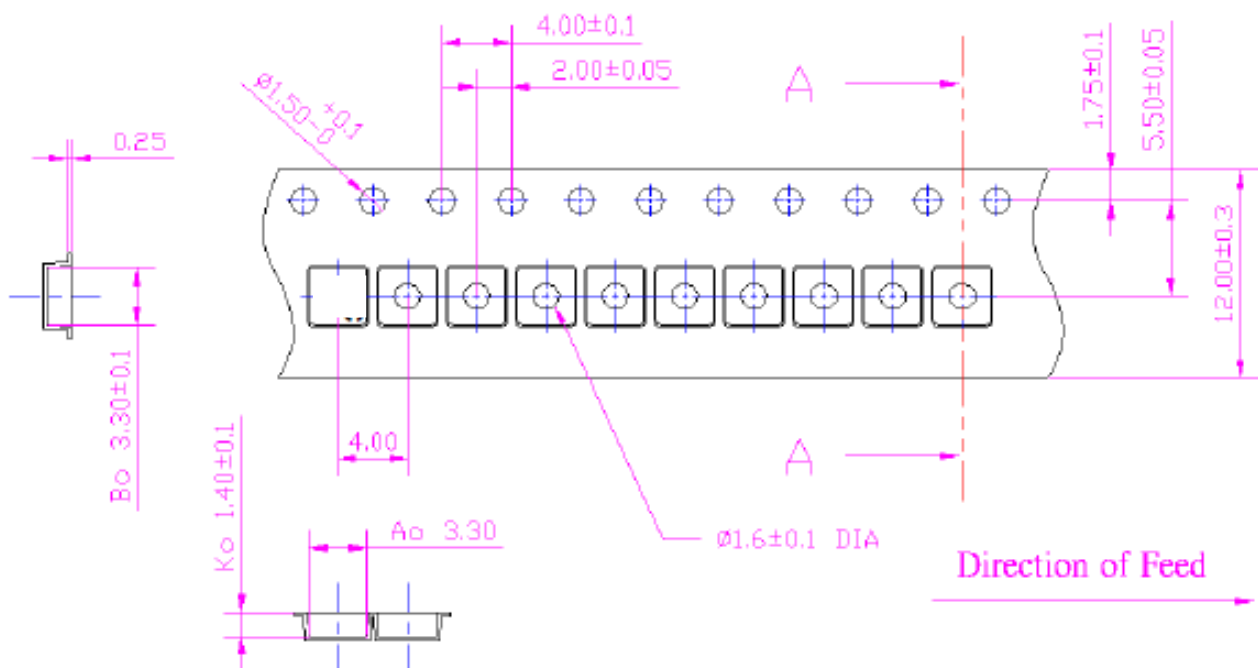
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

1. Preheating shall be fixed at 150 ~ 180°C for 60 ~ 90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50 ~ 80 seconds and at 260°C +0/-5°C peak (20 ~ 40 sec).
4. Time: 2 times.

