

SAW Filter 503.0MHz
Part No: MP08122

Model: TA1908A
Rev No: 1

A. MAXIMUM RATING:

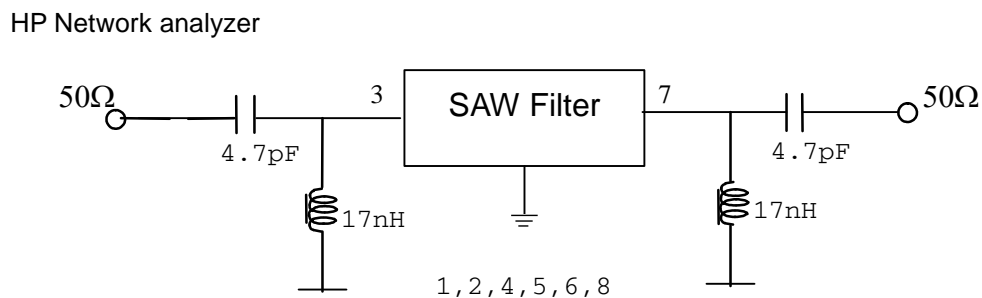
Electrostatic Sensitive Device (ESD)

1. Input Power Level: 5dBm
2. DC voltage: 5V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	503	-
Insertion Loss (500 ~ 506MHz) IL	dB	-	2.9	4.7
Amplitude Ripple (500 ~ 506MHz)	dB	-	0.4	2.0
Attenuation (Reference level from 0dB)				
400 ~ 434MHz	dB	39	56	-
434 ~ 465MHz	dB	33	44	-
553 ~ 567MHz	dB	33	59	-
567 ~ 600MHz	dB	40	61	-

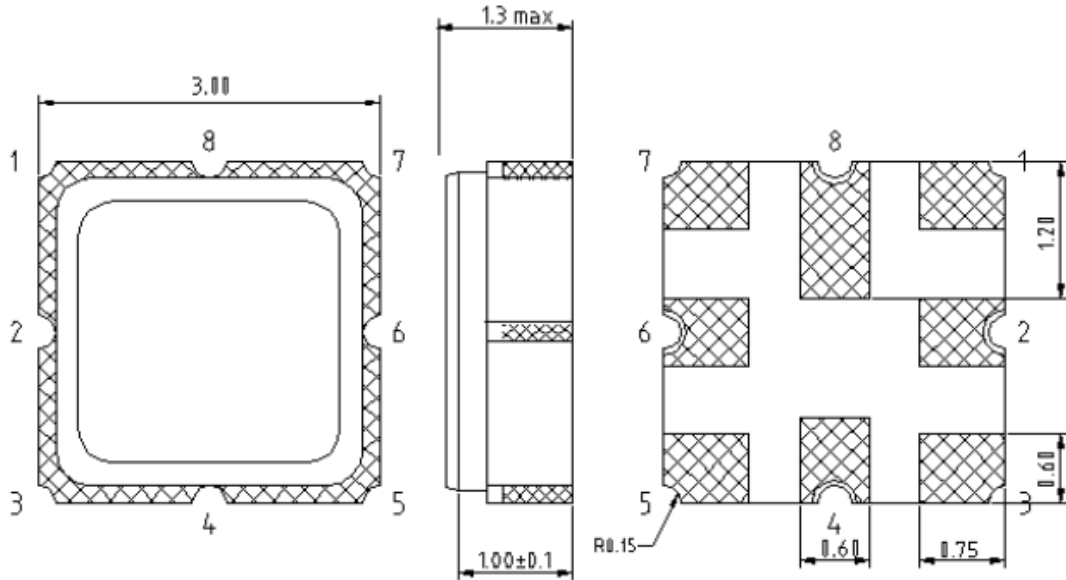
C. MEASUREMENT CIRCUIT:



SAW Filter 503.0MHz
Part No: MP08122

Model: TA1908A
Rev No: 1

D. OUTLINE DRAWING:



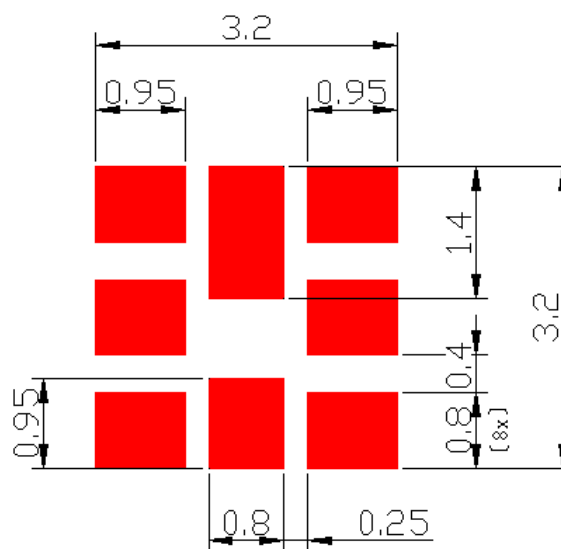
3: Input

7: Output

1, 2, 4, 5, 6, 8: Ground

Unit: mm

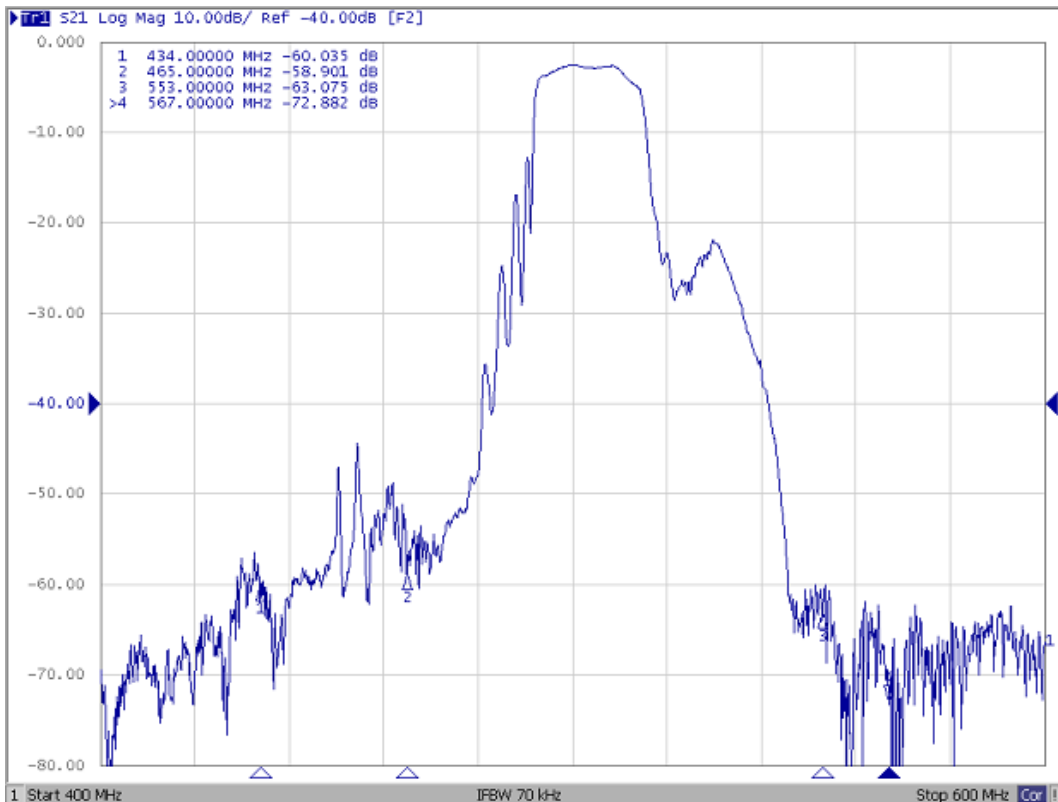
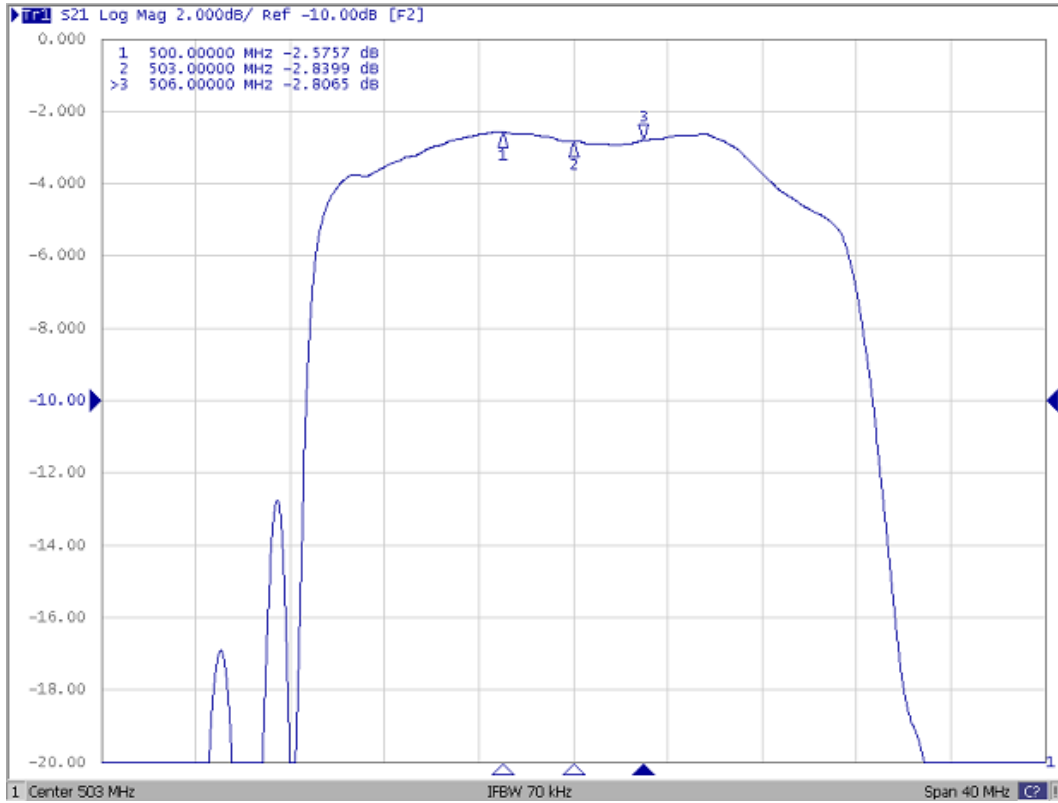
E. PCB FOOTPRINT:



SAW Filter 503.0MHz
Part No: MP08122

Model: TA1908A
Rev No: 1

F. FREQUENCY CHARACTERISTICS:

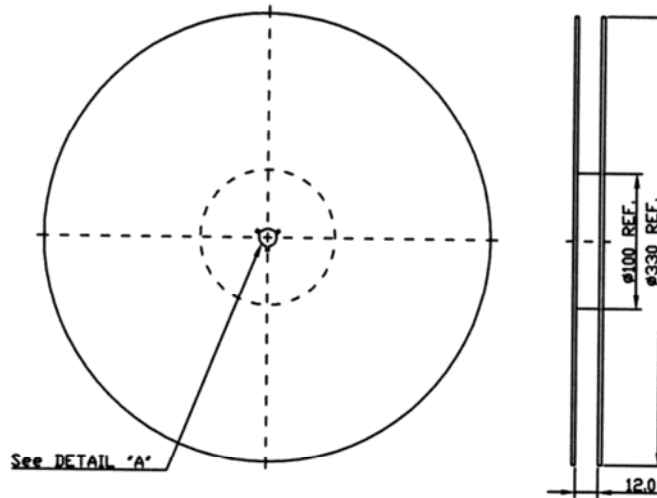


SAW Filter 503.0MHz
Part No: MP08122

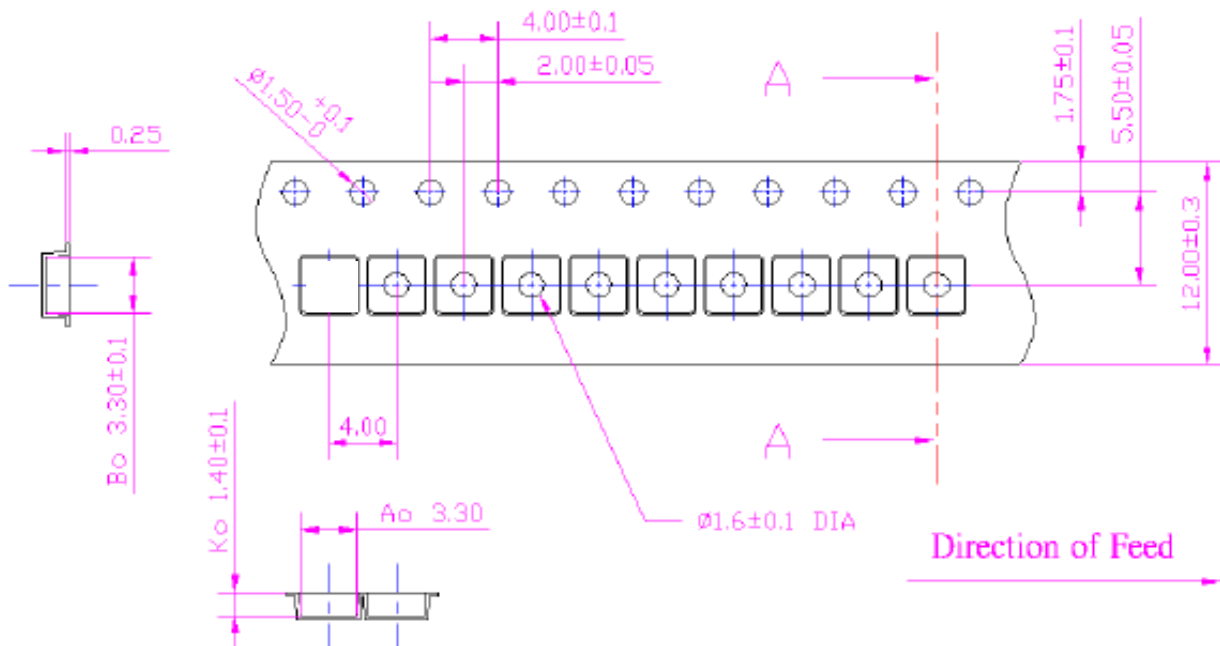
Model: TA1908A
Rev No: 1

G. PACKING:

1. Reel Dimension



2. Tape Dimension



SAW Filter 503.0MHz
Part No: MP08122

Model: TA1908A
Rev No: 1

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° peak (20 ~ 40 sec).
4. Time: 2 times.

