

SAW Filter 1962.50MHz
Part No: MP04234

Model: TA1075A
Rev No: 3

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: +12dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

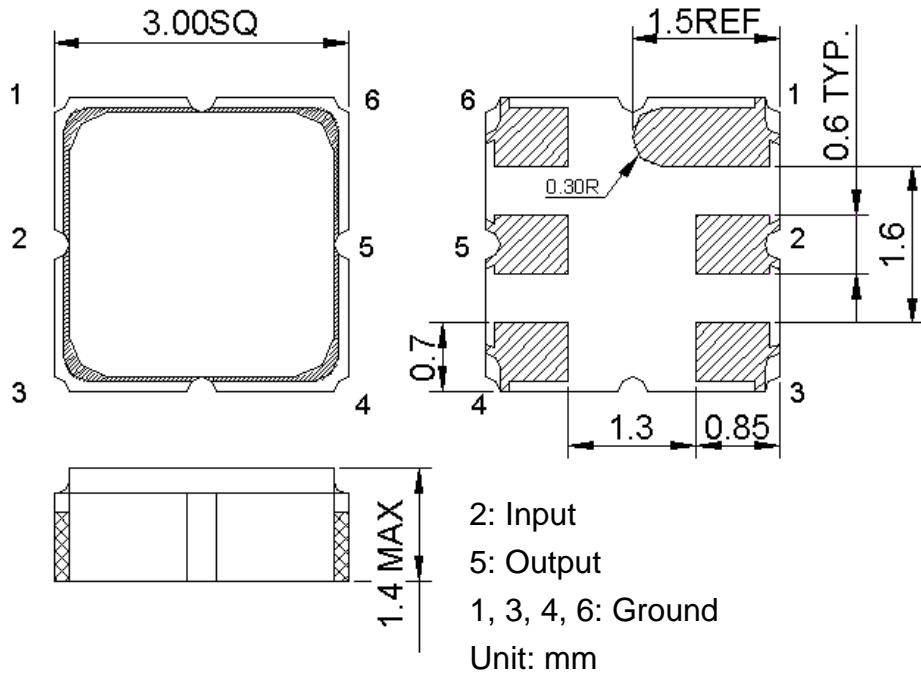
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1962.5	-	-
Insertion Loss (1930 ~ 1995MHz) IL	dB	-	2.6	3.5	-
Amplitude Ripple (1930 ~ 1995MHz)	dB	-	1.4	2.2	-
Return Loss (1930 ~ 1995MHz)	dB	8.5	11	-	-
Attenuation (Reference level from 0dB)					
1710 ~ 1755MHz	dB	10	32	-	-
1850 ~ 1915MHz	dB	5	11	-	-
2010 ~ 2020MHz	dB	5	8	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

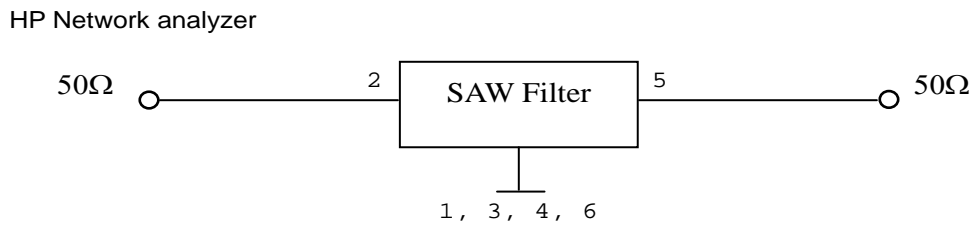
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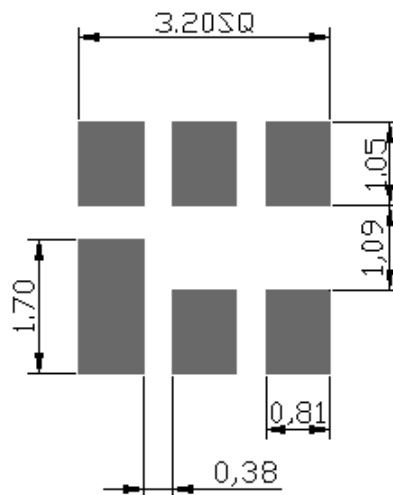
C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:



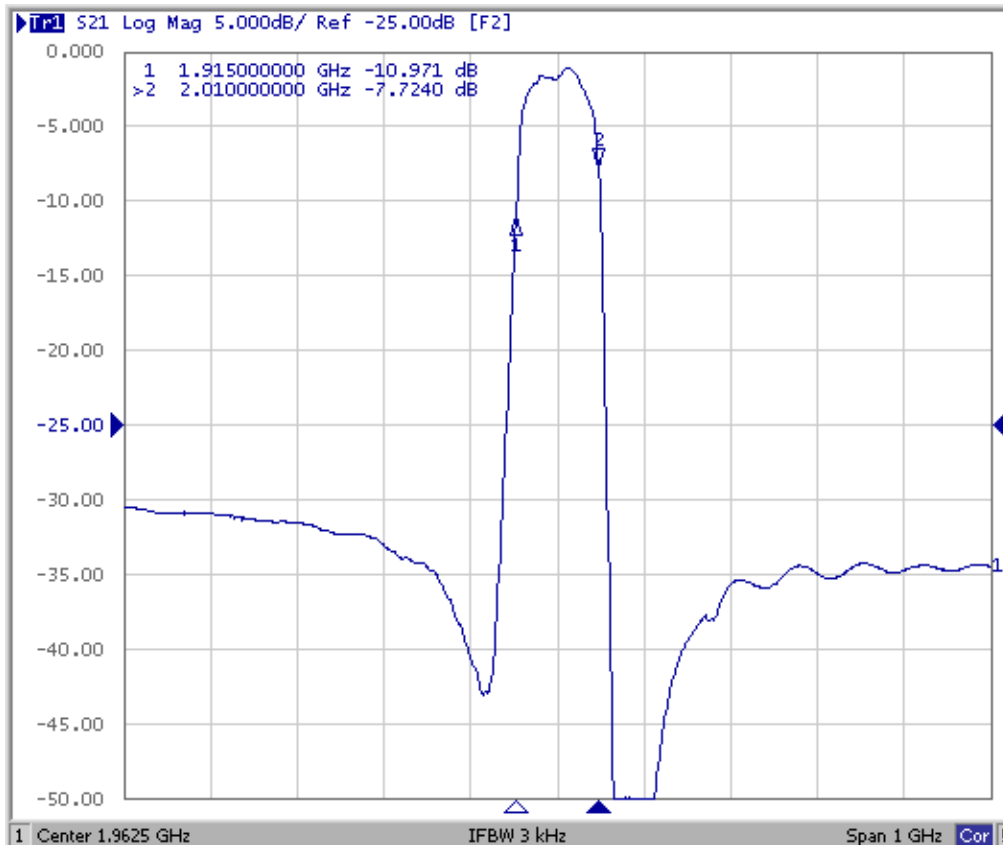
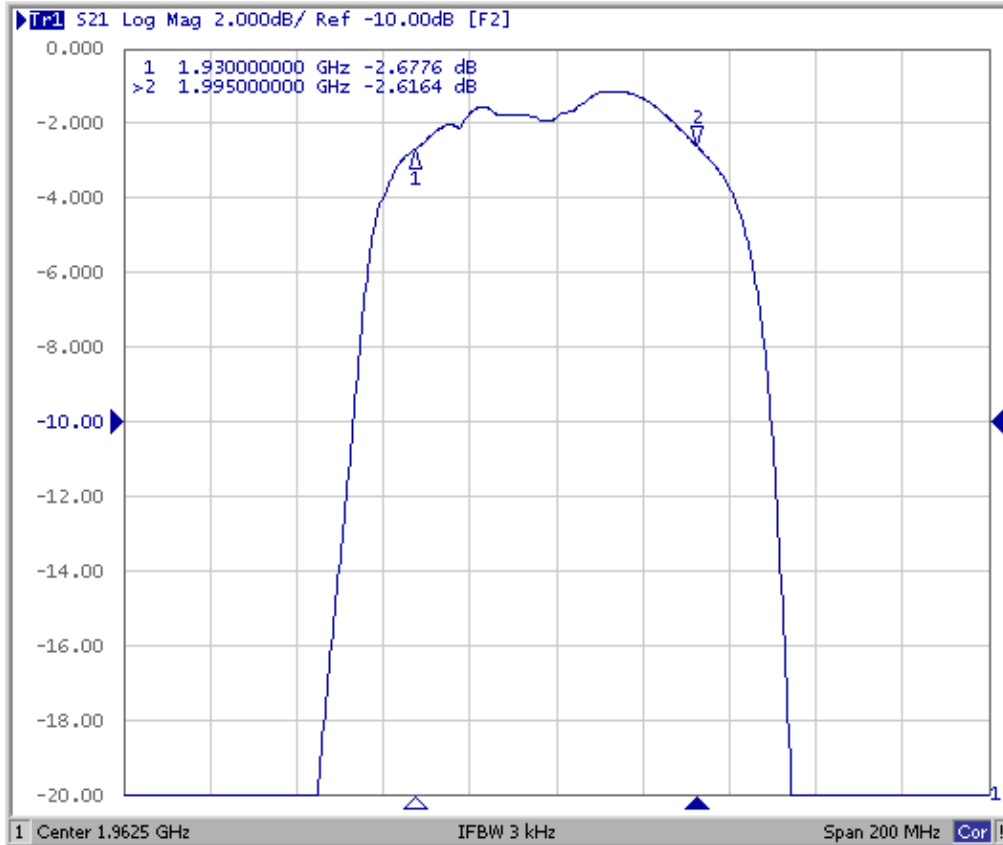
E. PCB FOOTPRINT:



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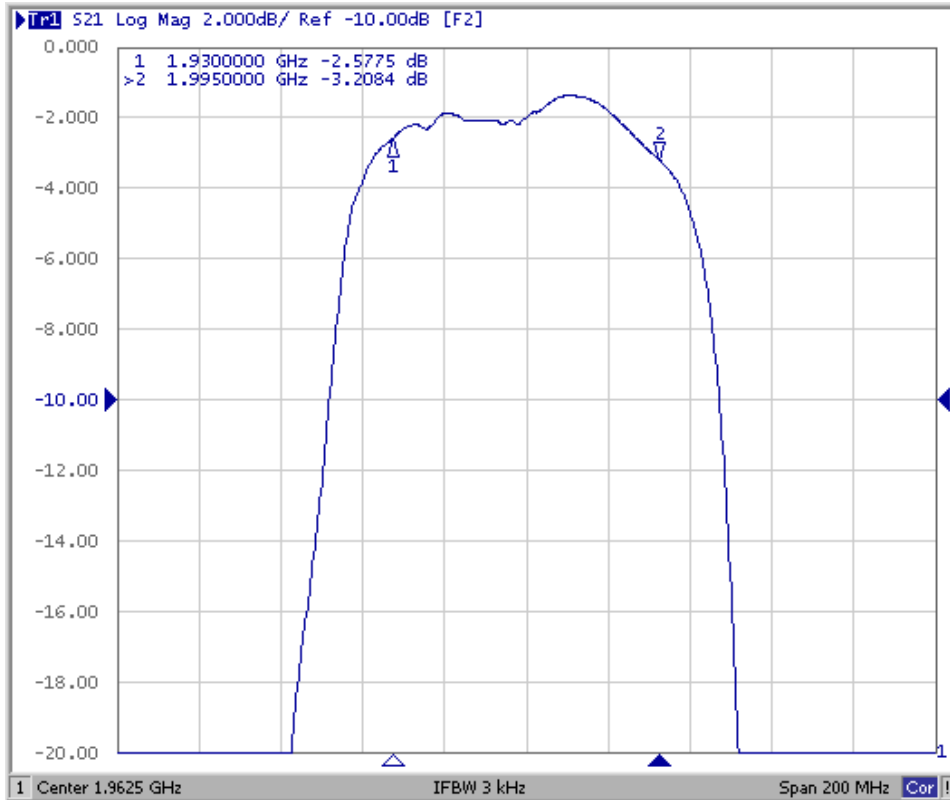
F. FREQUENCY CHARACTERISTICS:



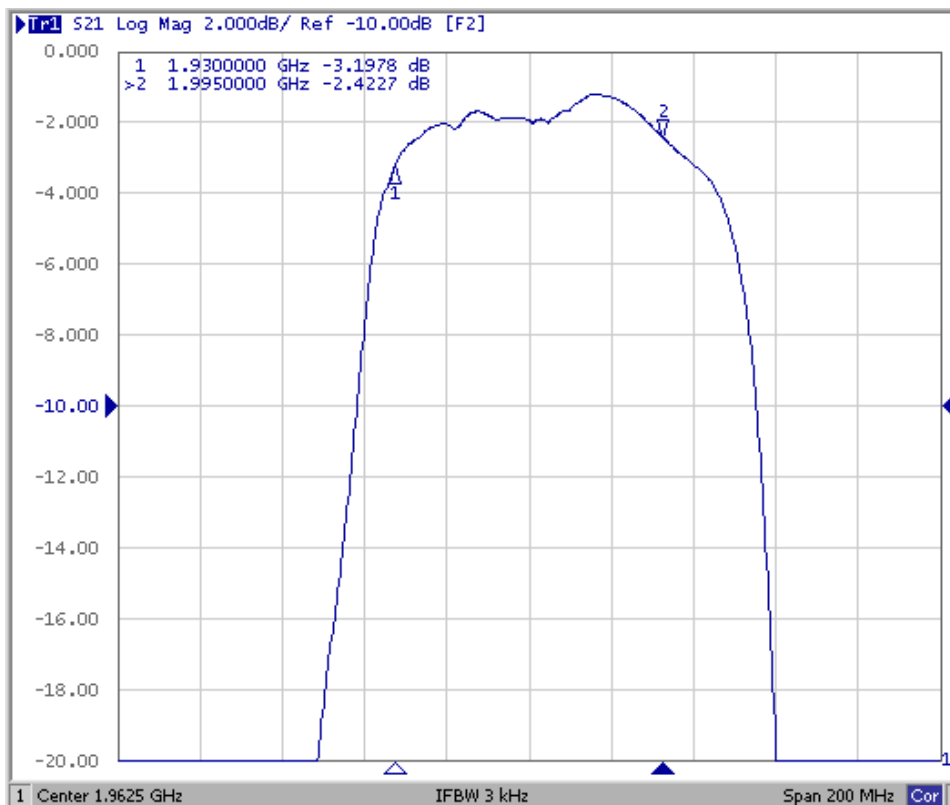
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1. At +70°C:



2. At -20°C:

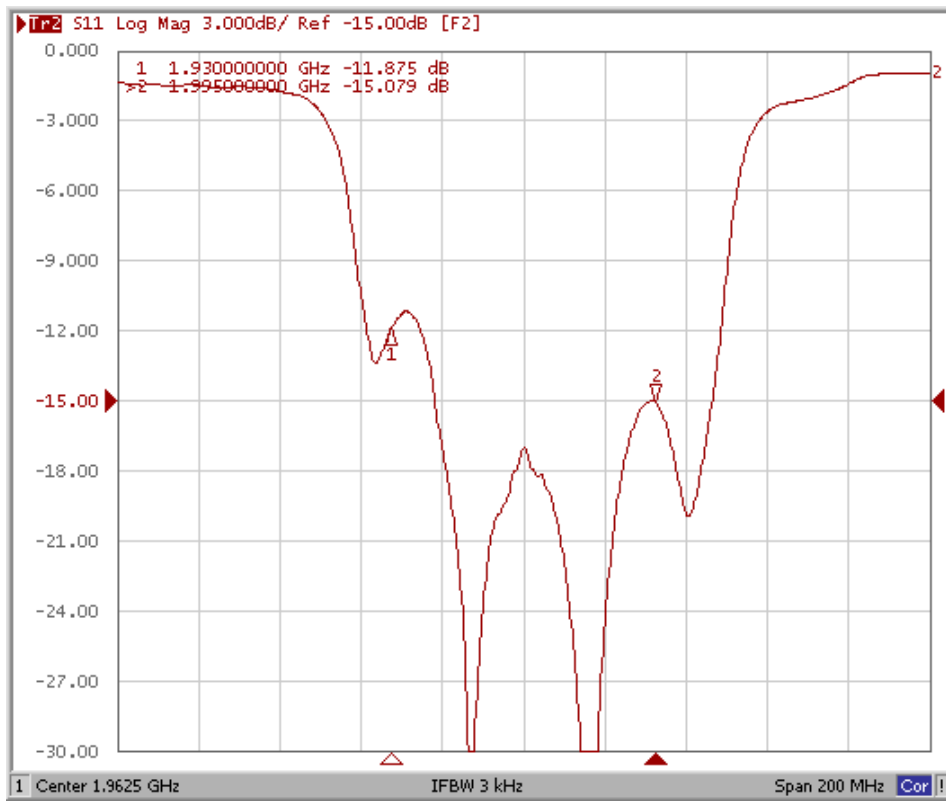


SAW Filter 1962.50MHz
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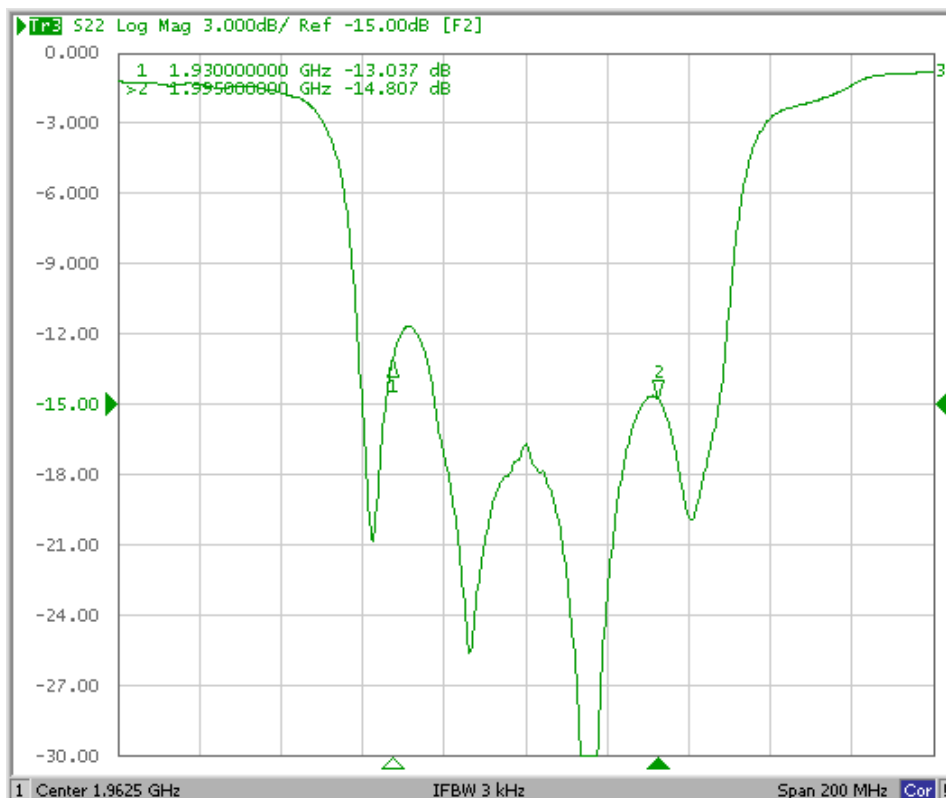
Model: TA1075A
Rev No: 3

3. Reflection Functions:

S11



S22

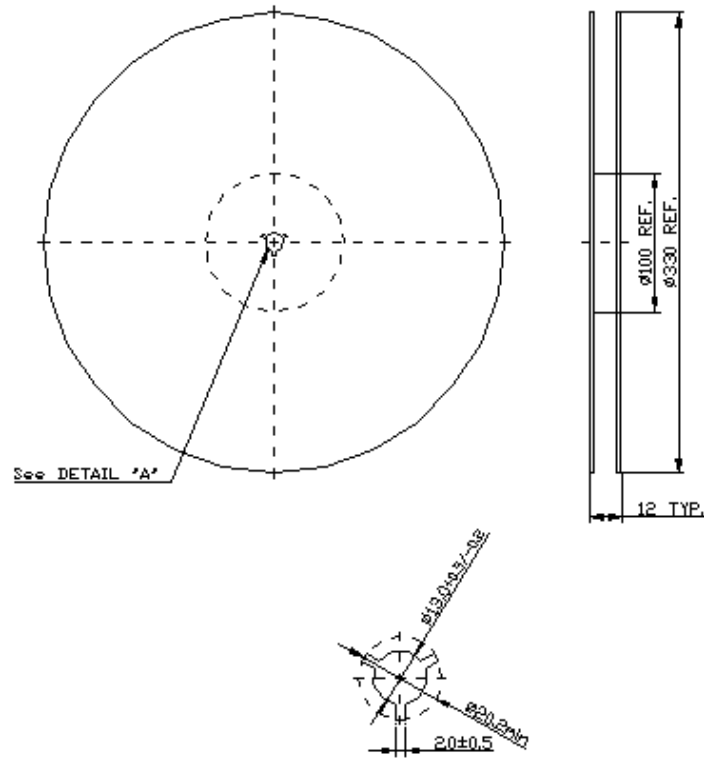


SAW Filter 1962.50MHz
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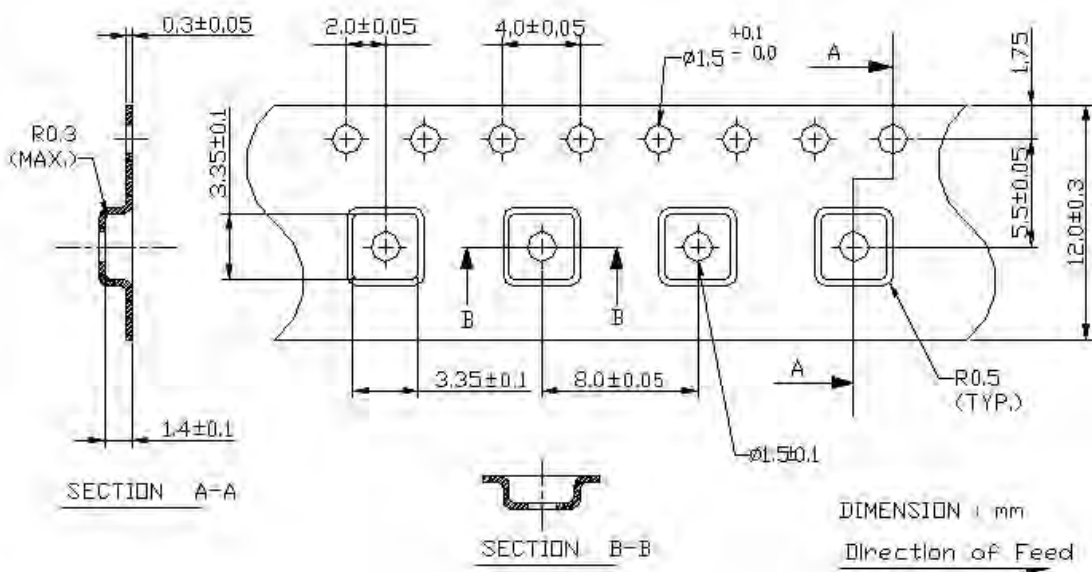
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G. PACKING:

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 245 ~ 260°C peak (min. 10 sec).
4. Time: 2 times.

