

SAW Filter 1202.0MHz
Part No: MP09694

Part No: TA1251B
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

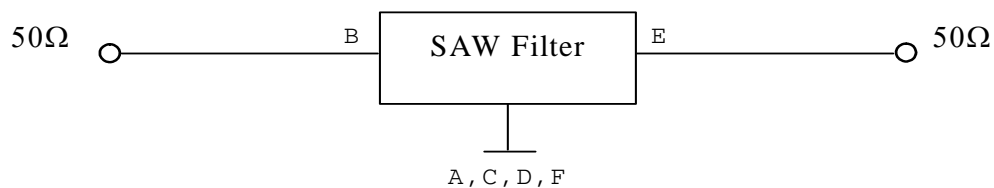
1. Input Power Level: 20dBm
2. DC voltage: 3.5V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C
5. Moisture Sensitivity Level: Level 1(MSL1)

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	1202	-
Minimum Insertion Loss IL min	dB	-	3.0	3.3
Amplitude Ripple (1187 ~ 1217MHz)	dBp-p	-	0.3	1.2
Group Delay Ripple (1187 ~ 1217MHz)	nsrms	-	6	20
Attenuation (Reference level from IL min)				
50 ~ 1165MHz	dB	-	38	-
1261 ~ 2000MHz	dB	-	36	-
Temperature coefficient of frequency TCf	ppm/°C	-	-36.5	-

C. MEASUREMENT CIRCUIT:

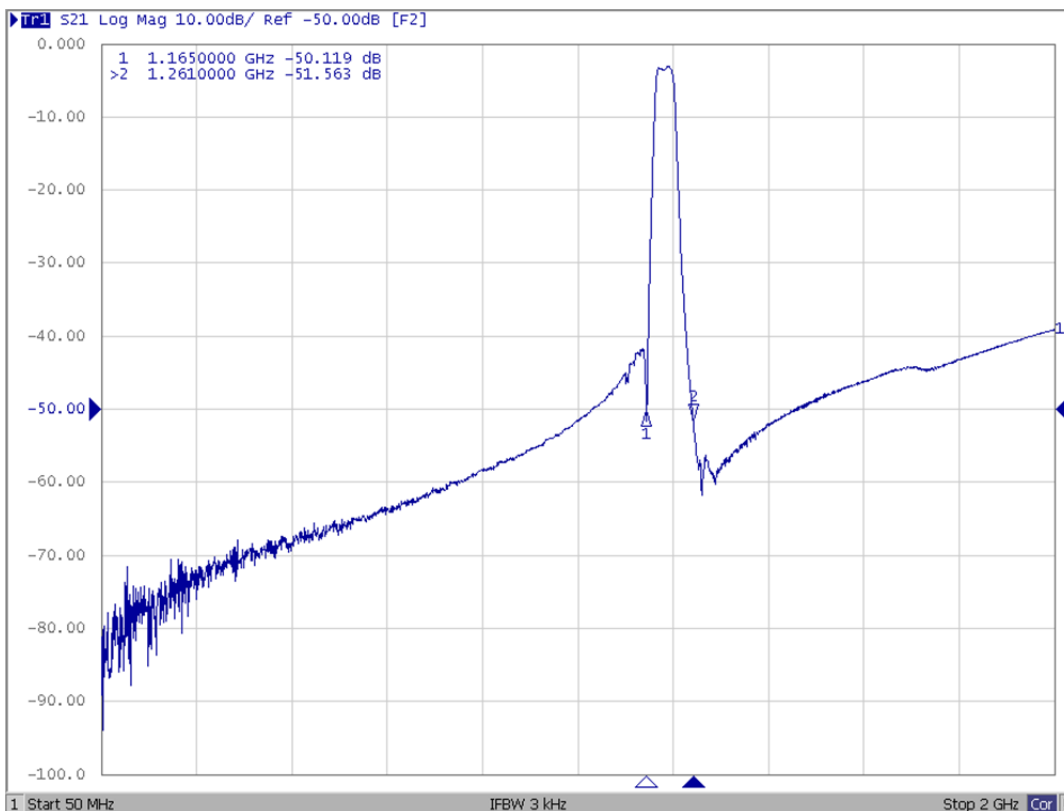
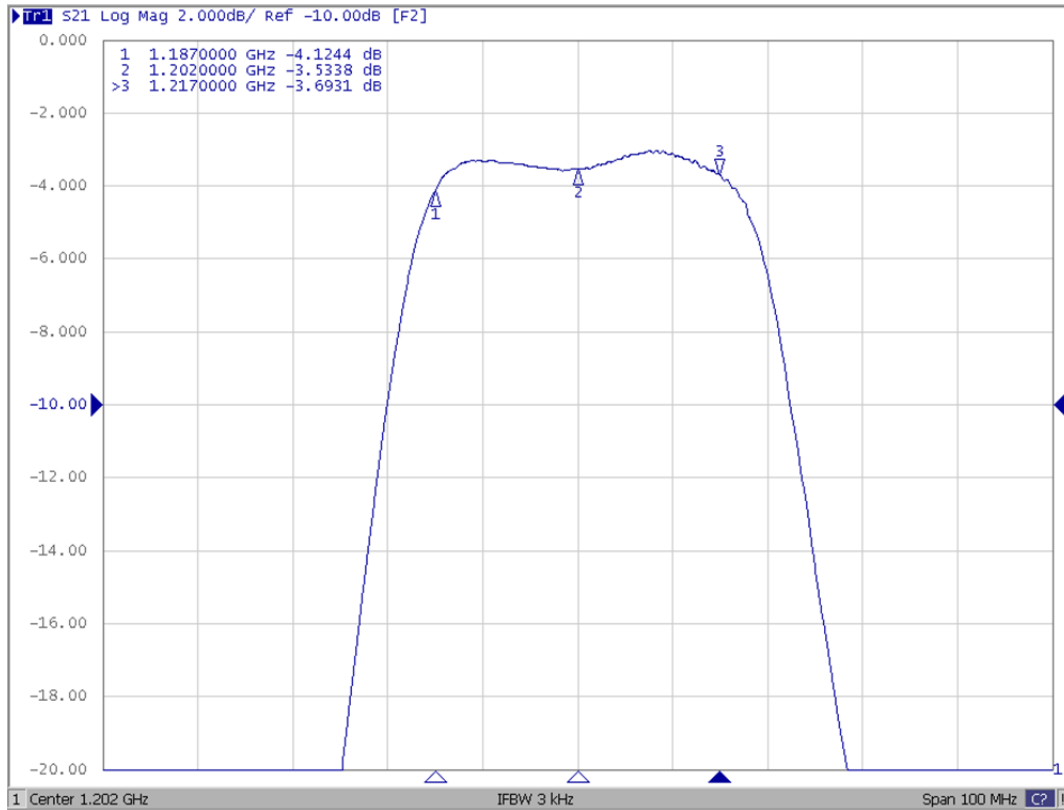
HP Network analyzer



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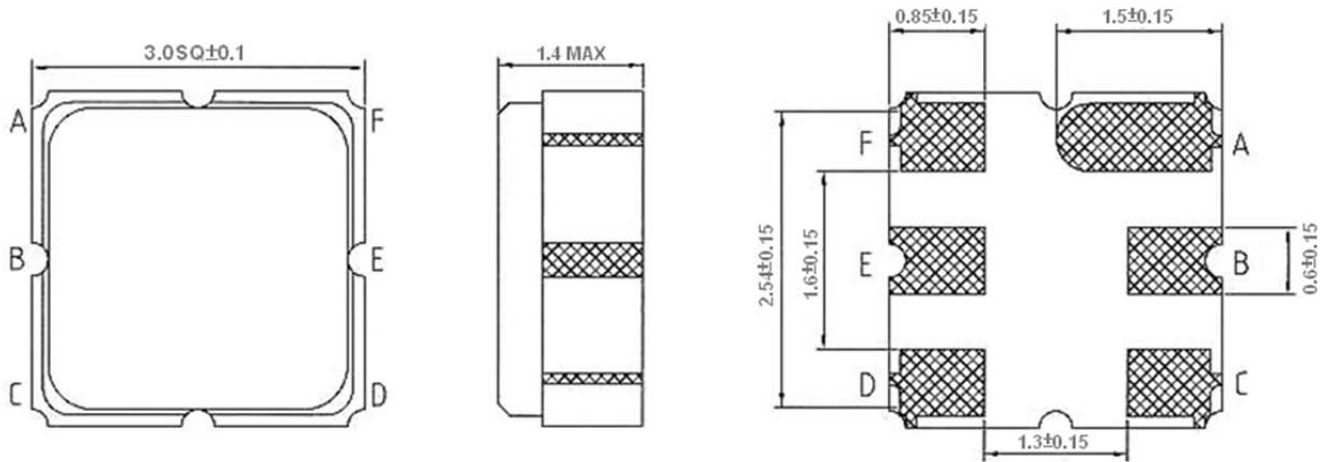
D. FREQUENCY CHARACTERISTICS:



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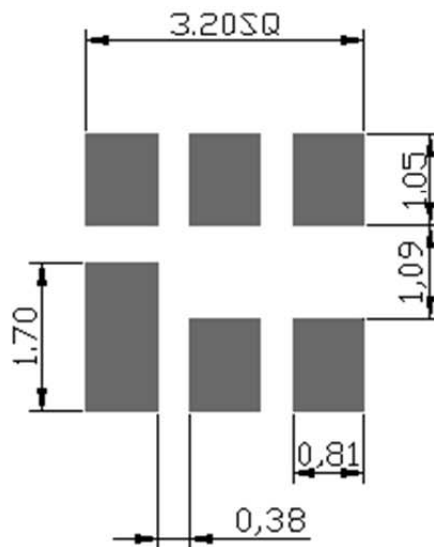
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:

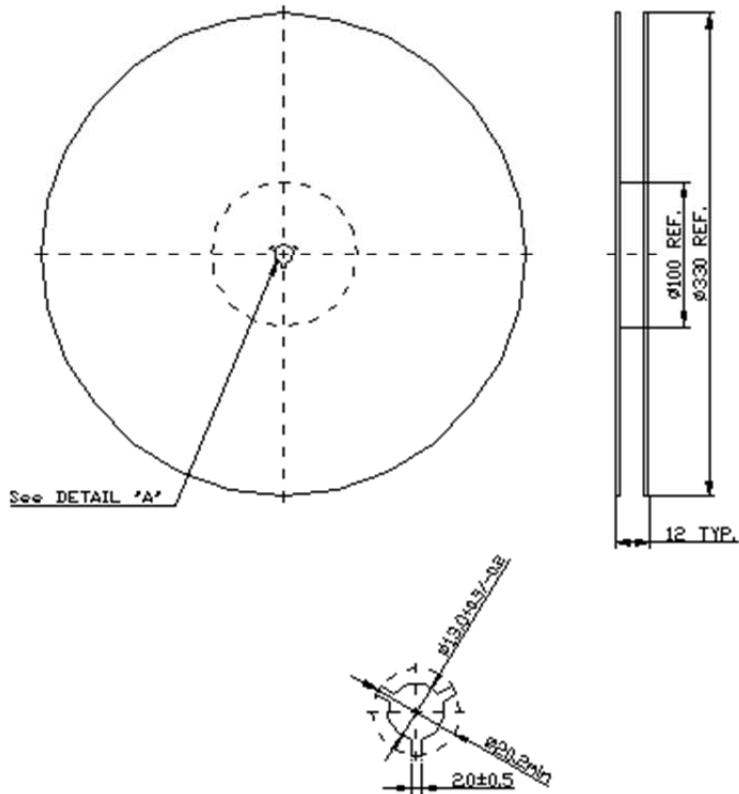


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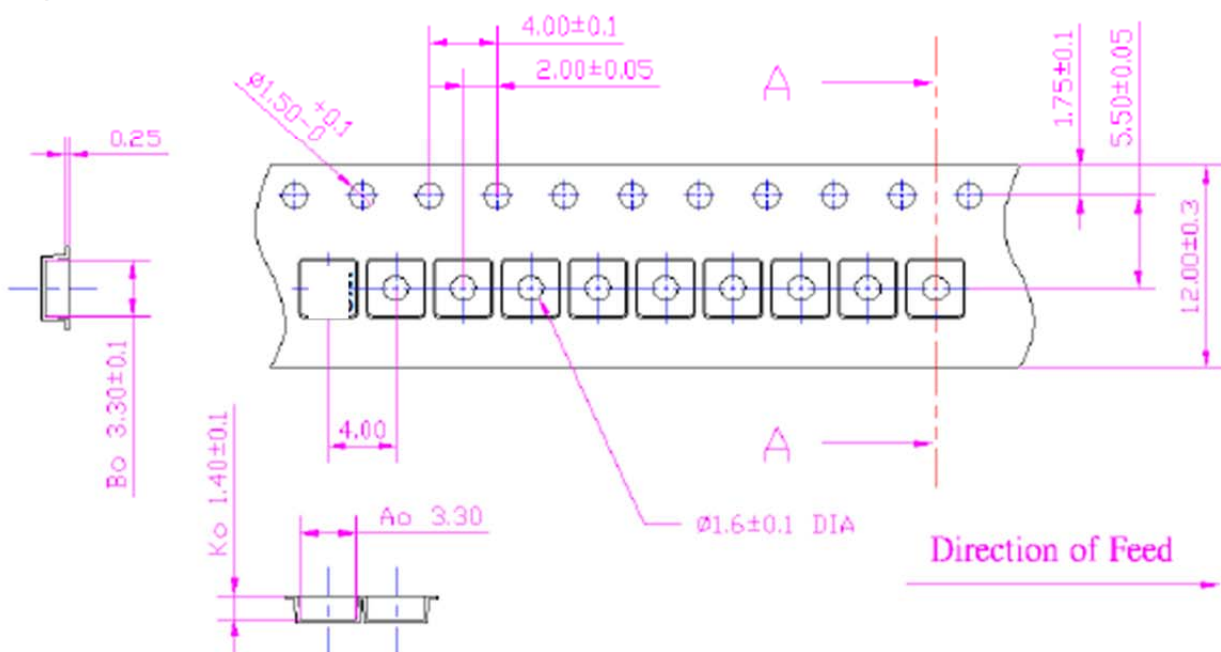
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G. PACKING:

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.

