

**SAW Filter 1222.0MHz**

**Model: TA1895A**

**Part No: MP09274**

**Rev No: 1**

**A. MAXIMUM RATING:**

**Electrostatic Sensitive Device (ESD)**

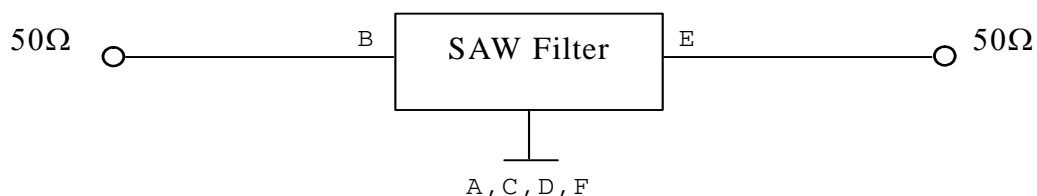
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	1222	-
Insertion loss (1166 ~ 1278MHz) IL	dB	-	4.8	6.0
Pass Band Ripple (1166 ~ 1278MHz)	dB	-	2.7	4.0
Attenuation (Reference level from 0dB)				
50 ~ 1115MHz	dB	20	26	-
1340 ~ 2000MHz	dB	20	30	-
Temperature coefficient of frequency	ppm/k	-	-80	-

**C. MEASUREMENT CIRCUIT:**

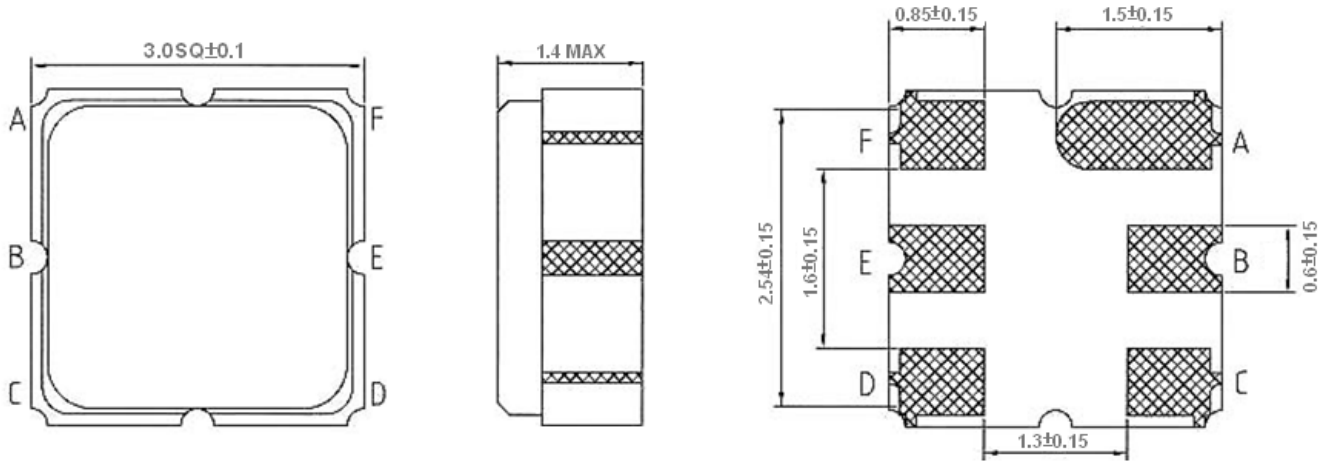
HP Network analyzer



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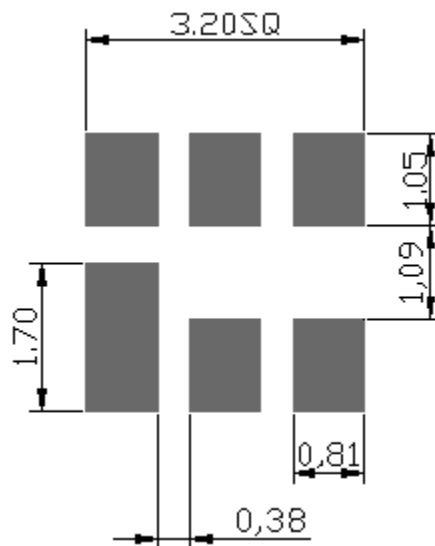
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**D. OUTLINE DRAWING:**



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

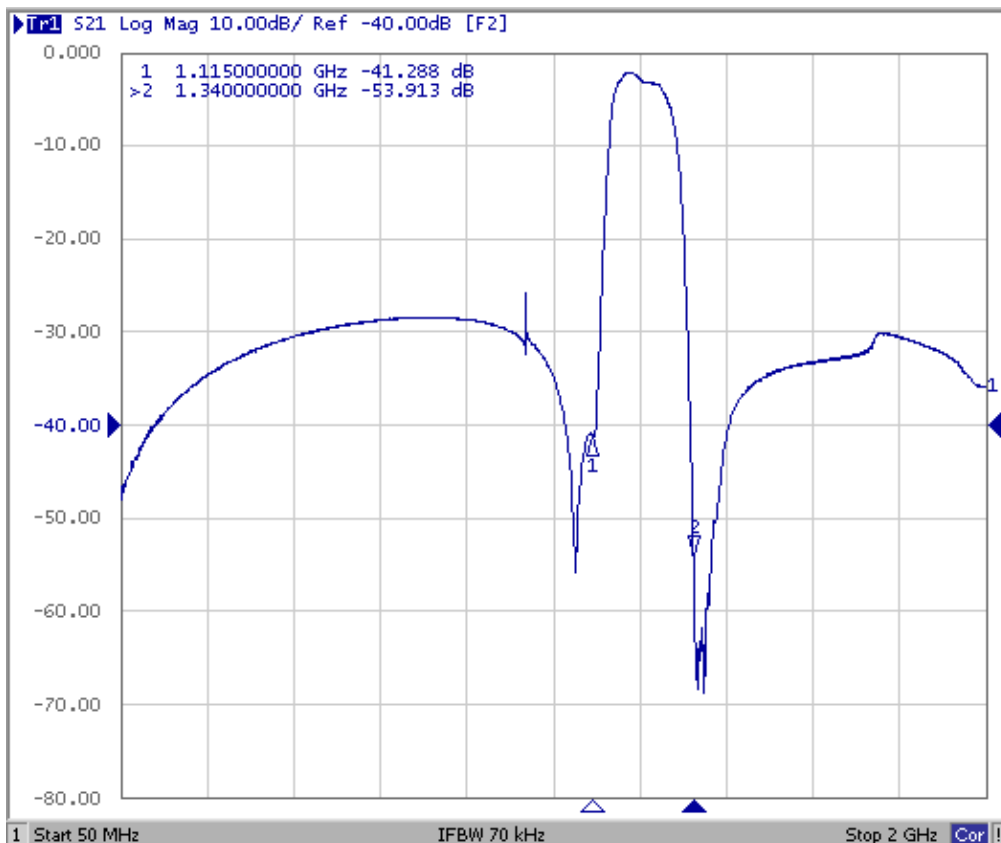
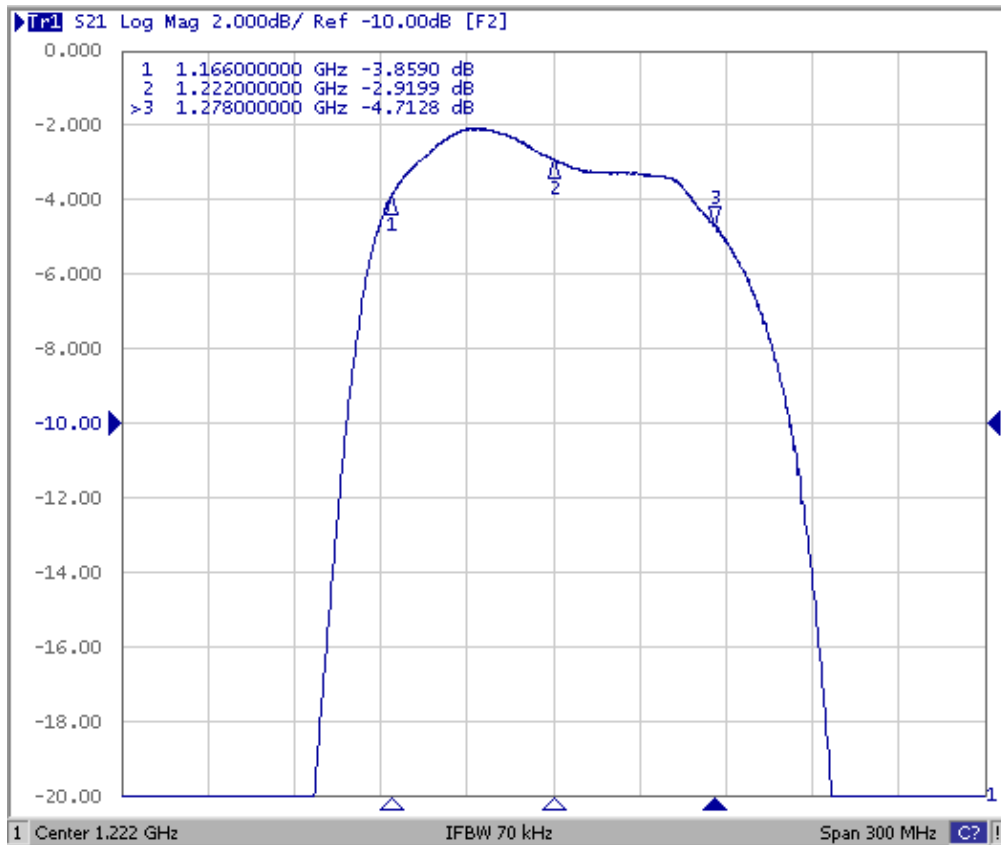
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS:**

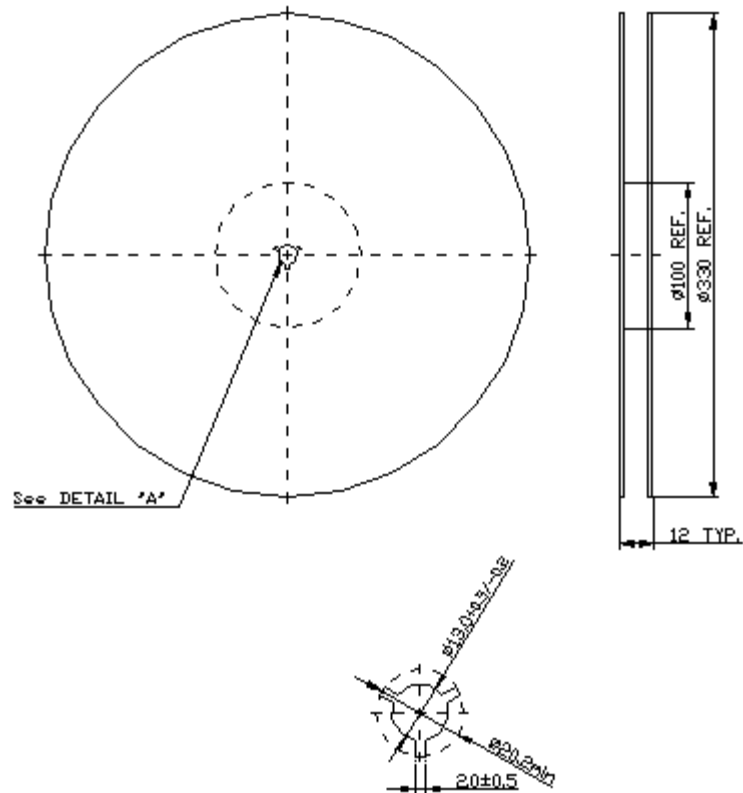


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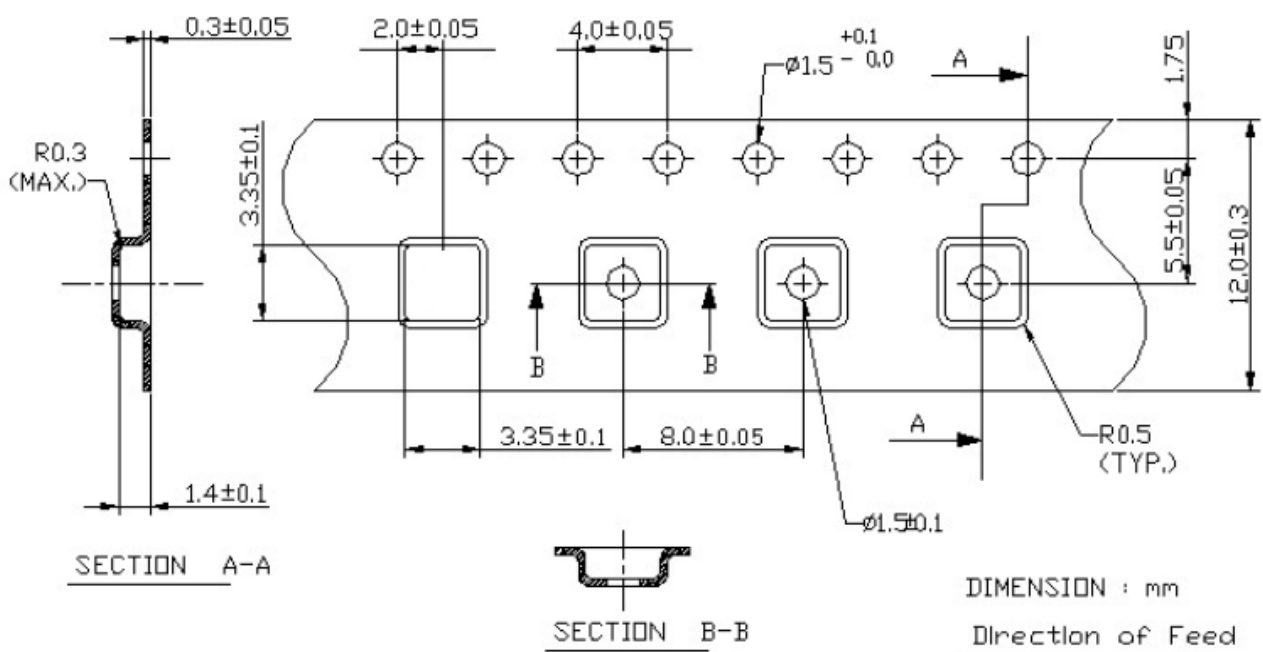
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**G. PACKING:**

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

