

**SAW Filter 460.0MHz**  
**Part No: MP05064**

**Model: TA1406A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC Voltage: 5V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

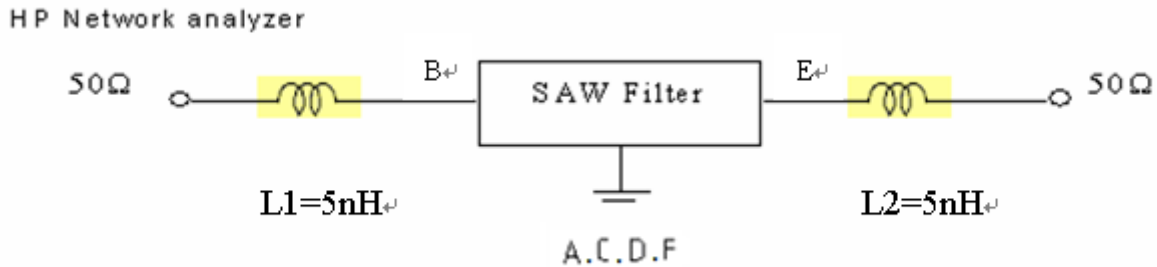
Item	Unit	Min	Typ.	Max
Center frequency Fc	MHz	-	460	-
Insertion loss (450 ~ 470MHz) IL	dB	-	2.4	3.51)
Amplitude Ripple (450 ~ 470MHz)	dB	-	0.9	2.42)
Return loss (450 ~ 470MHz)	dB	6	7	-
Attenuation (Reference level from 0dB				
0.3 ~ 300MHz	dB	30	42	-
300 ~ 380MHz	dB	24	34	-
380 ~ 430MHz	dB	15	23	-
504.825 ~ 524.825MHz	dB	12	32	-
559.65 ~ 579.65MHz	dB	28	41	-
669.3 ~ 689.3MHz	dB	24	37	-
689.3 ~ 1000MHz	dB	26	34	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

- 1). 2.4dB at 25°C; 3.2dB for -30°C to +60°C
- 2). 1.1dB at 25°C; 2.2dB for -30°C to +60°C

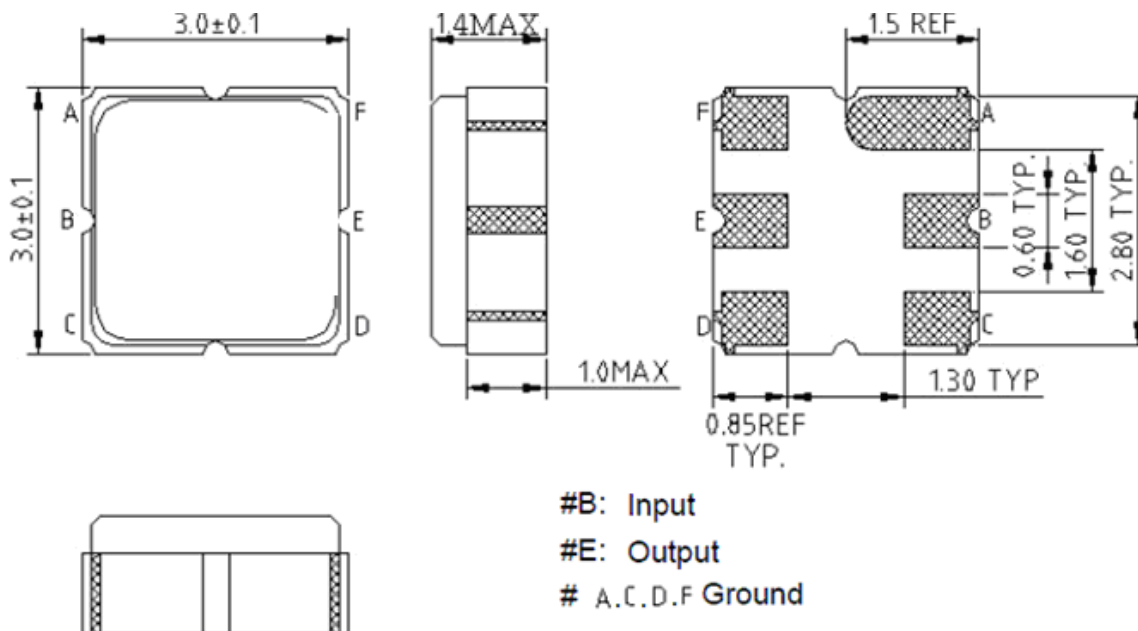
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**C. MEASUREMENT CIRCUIT:**

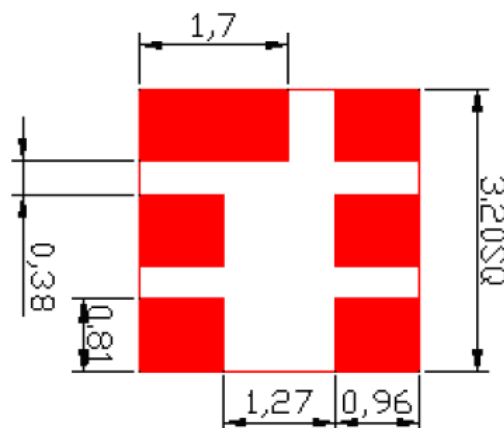


**D. OUTLINE DRAWING:**



Unit: mm

**E. PCB FOOTPRINT:**

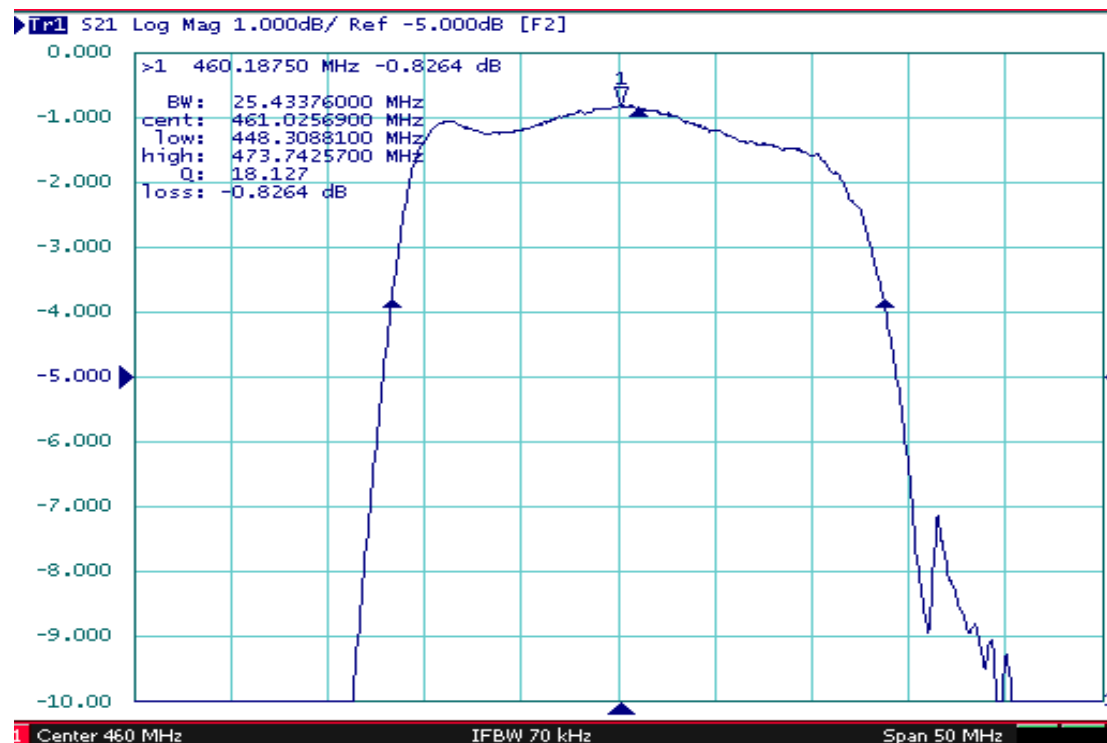
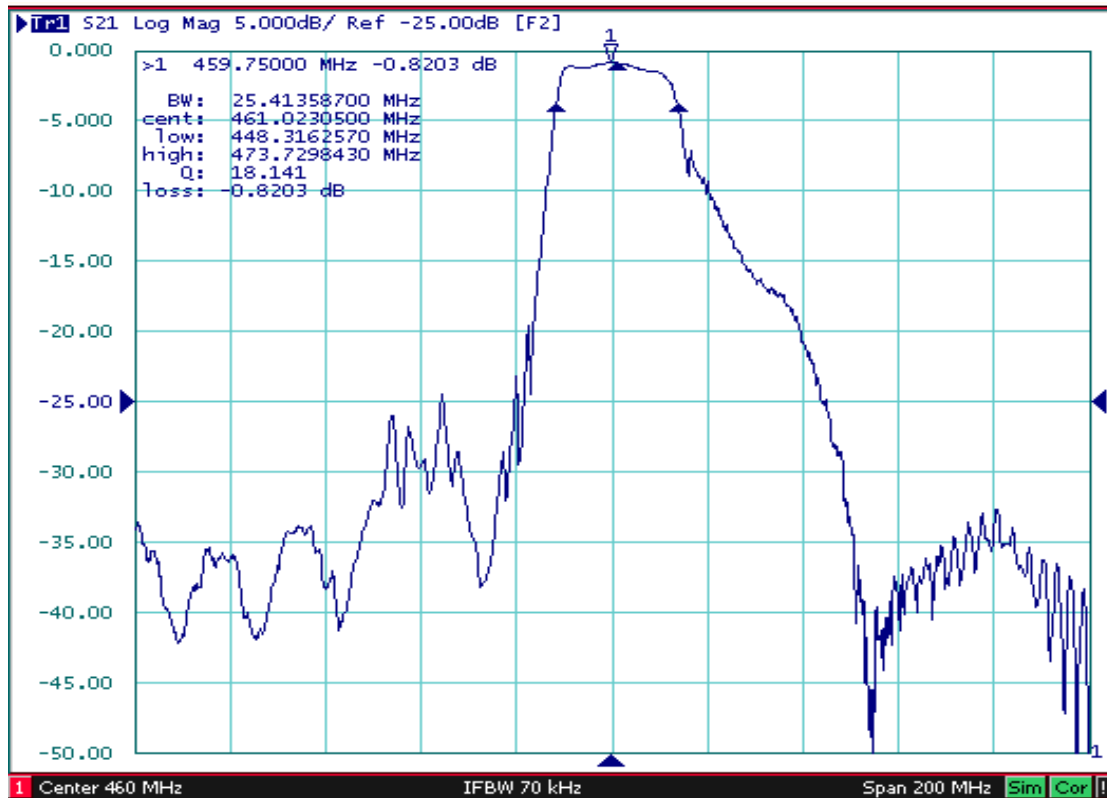


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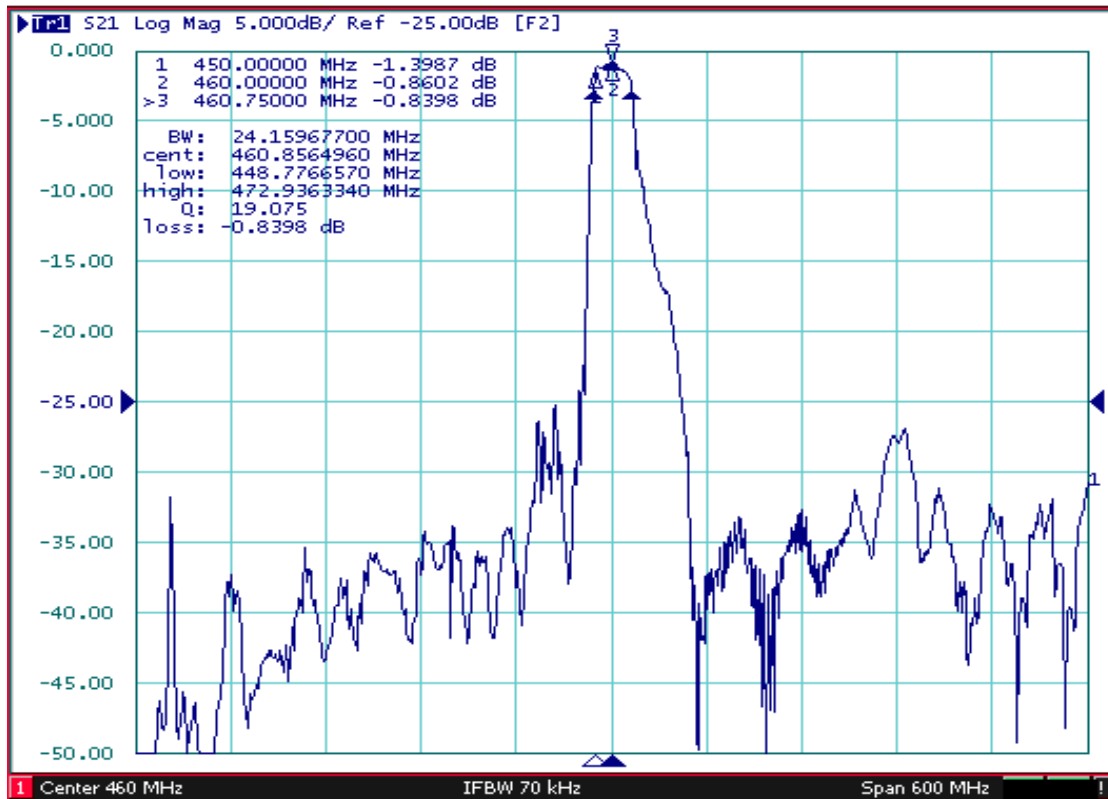
**F. FREQUENCY CHARACTERISTICS:**

1. S21 Measurement

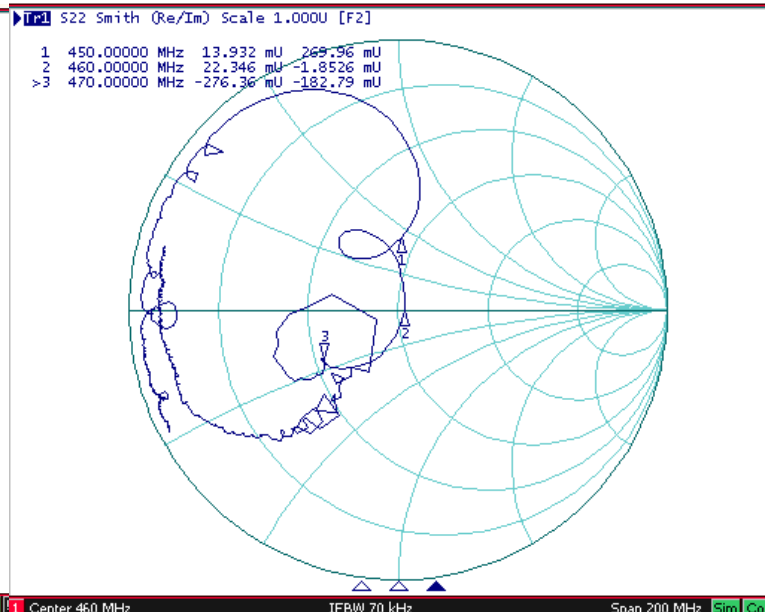
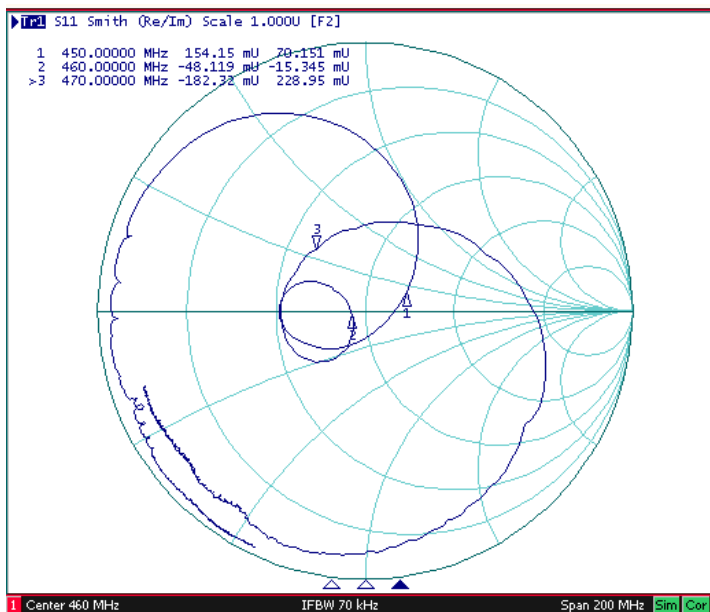


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**2. S11 / S22 Measurement**

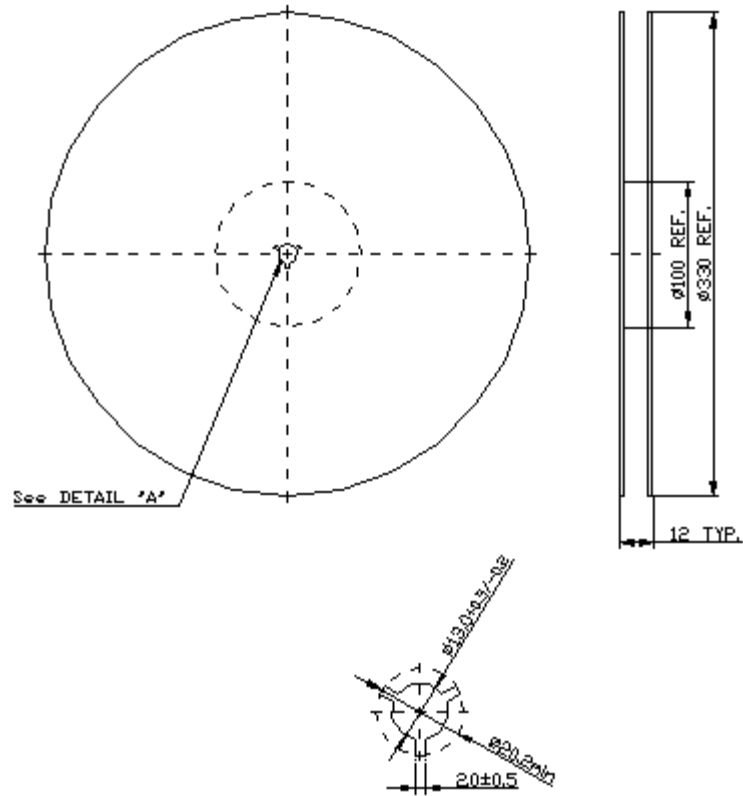


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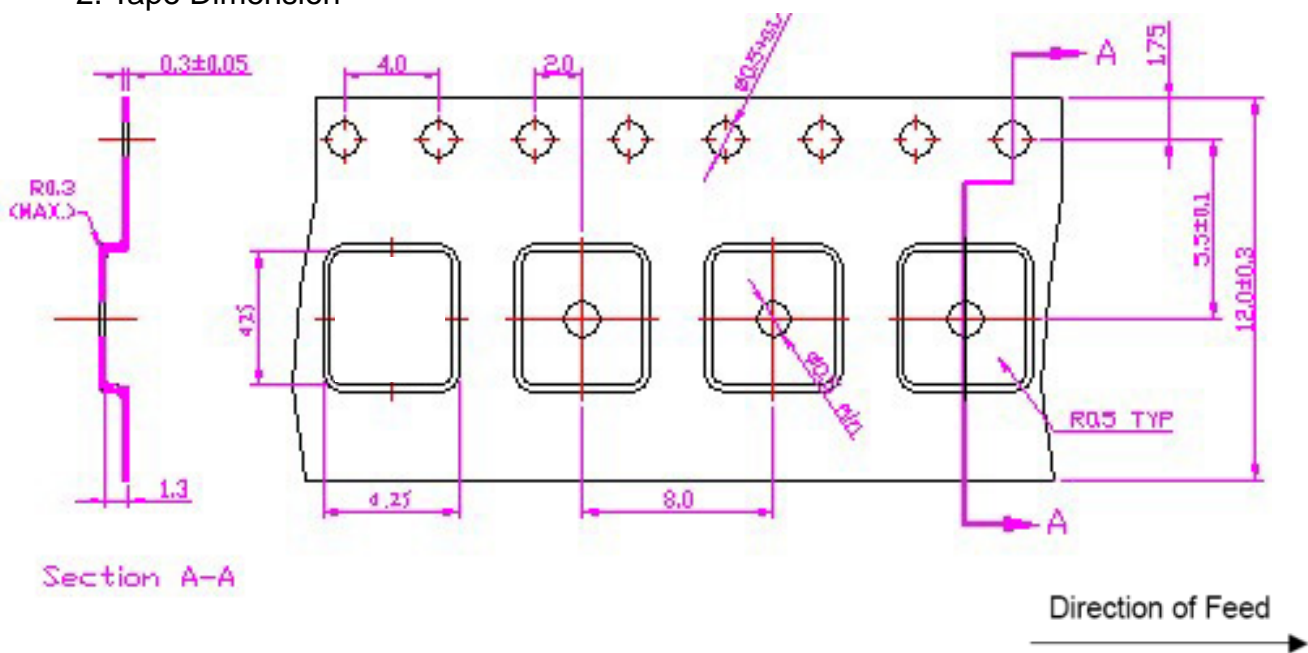
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**G. PACKING:**

1. Reel Dimension



2. Tape Dimension



Section A-A

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**H. RECOMMENDED REFLOW PROFILE:**

