

**SAW Filter 265.0MHz**  
**Part No: MP07595**

**Model: TA1956A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

Electrostatic Sensitive Device (ESD)

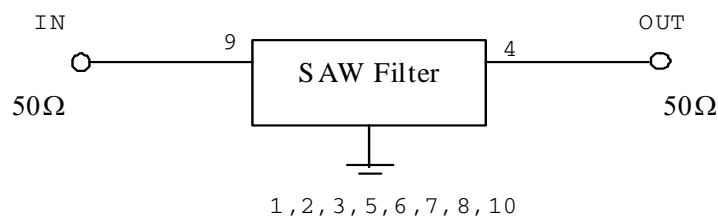
1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -55°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	265	-
Insertion Loss (261 ~ 269MHz)	dB	-	2.4	4
Ripple (261 ~ 269MHz)	dB	-	1.8	2.2
Absolute Attenuation: (Reference level from 0dB)				
0.3 ~ 250MHz	dB	33	36	-
290 ~ 350MHz	dB	35	42	-
350 ~ 650MHz	dB	25	28	-
Source impedance Z <sub>S</sub>	Ω	-	50	-
Load impedance Z <sub>L</sub>	Ω	-	50	-

**C. MEASUREMENT CIRCUIT:**

HP Network analyzer

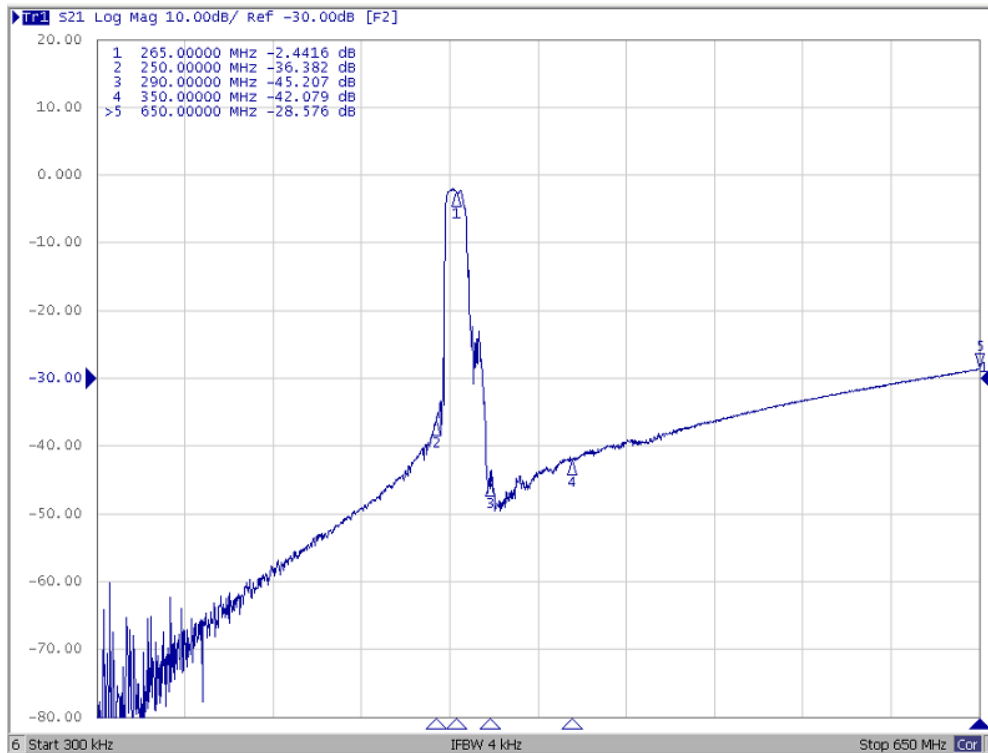


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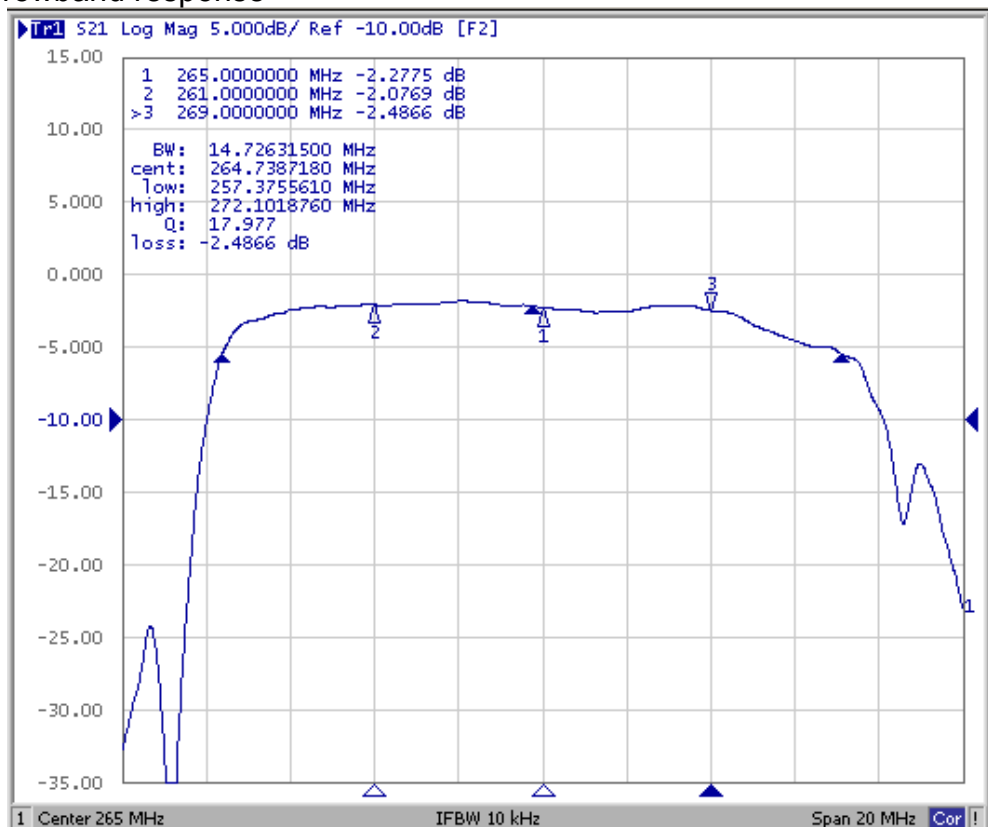
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**D. FREQUENCY CHARACTERISTICS:**

1. Wideband response



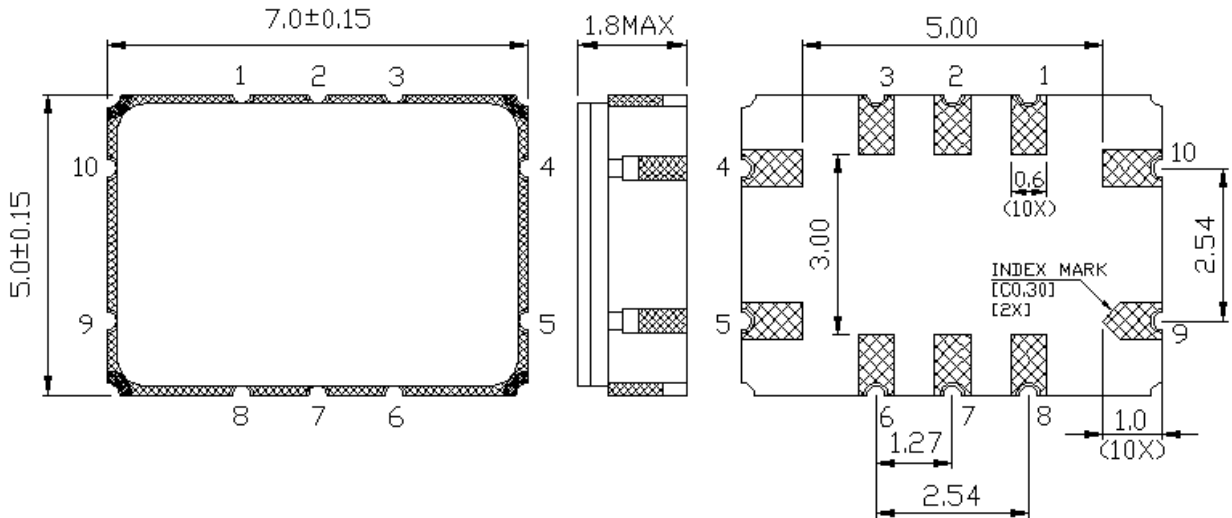
2. Narrowband response



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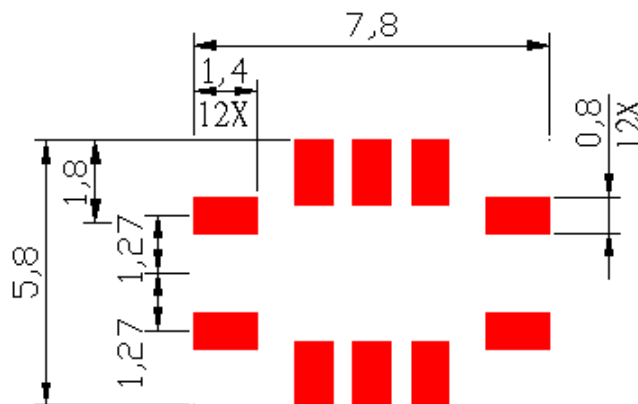
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**E. OUTLINE DRAWING:**



- 9: Input
- 4: Output
- 10: Input ground
- 5: Output ground
- 1, 2, 3, 6, 7, 8: To be grounded

**F. PCB FOOTPRINT:**

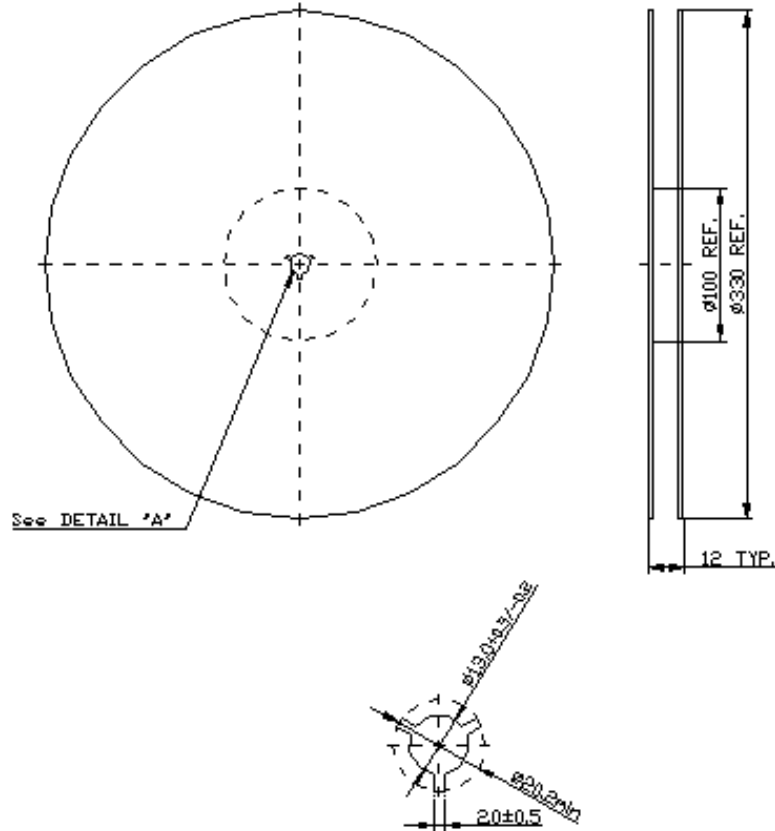


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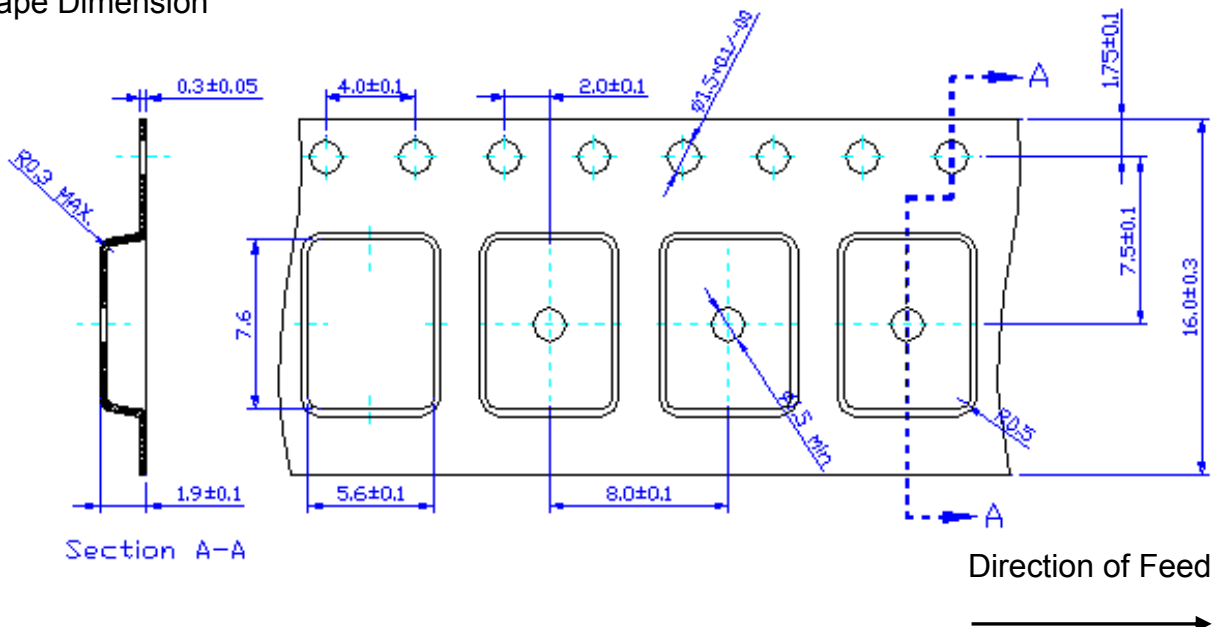
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**G. PACKING:**

1. Reel dimension (Please refer to FR-75D10 for packing quantity)



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.

