

**SAW Filter 2338.7550MHz**  
**Part No: MP05066**

**Model: TA1462A**  
**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: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

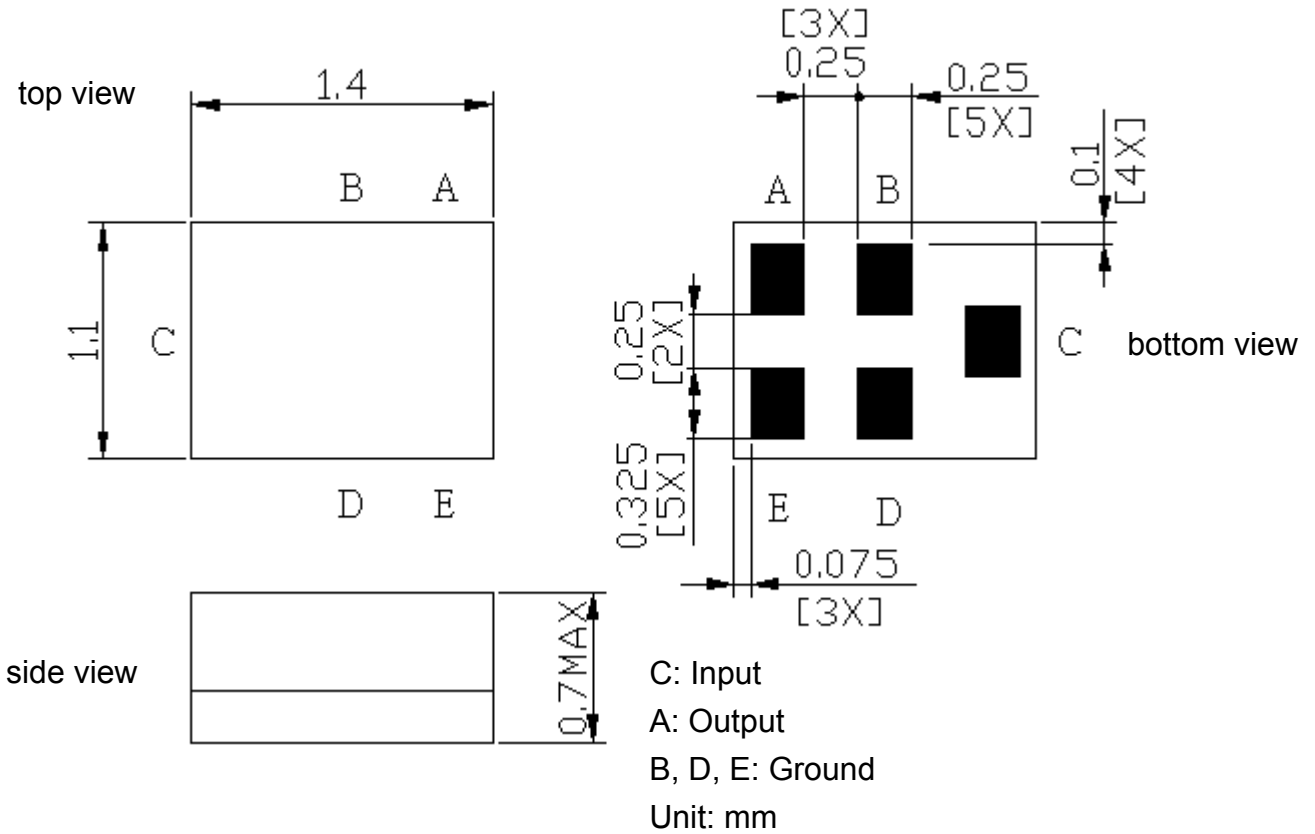
1. Terminating source impedance (single-ended):  $Z_S = 50\Omega$
2. Terminating load impedance (single-ended):  $Z_L = 50\Omega$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2338.755	-	-
Insertion Loss (2332.5 ~ 2345 MHz) IL	dB	-	2.6	3.5	-
Amplitude ripple (2332.5 ~ 2345MHz)	dB	-	0.4	1.6	-
Group Delay ripple (2332.5 ~ 2345MHz)	ns	-	4	15	-
Return Loss (2332.5 ~ 2345MHz)	dB	10	13	-	-
Attenuation (Reference level from 0dB)					
88 ~ 108MHz	dB	50	73	-	-
880 ~ 960MHz	dB	35	54	-	-
1710 ~ 1990MHz	dB	32	45	-	-
2450MHz	dB	23	47	-	-
3060MHz	dB	30	44	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

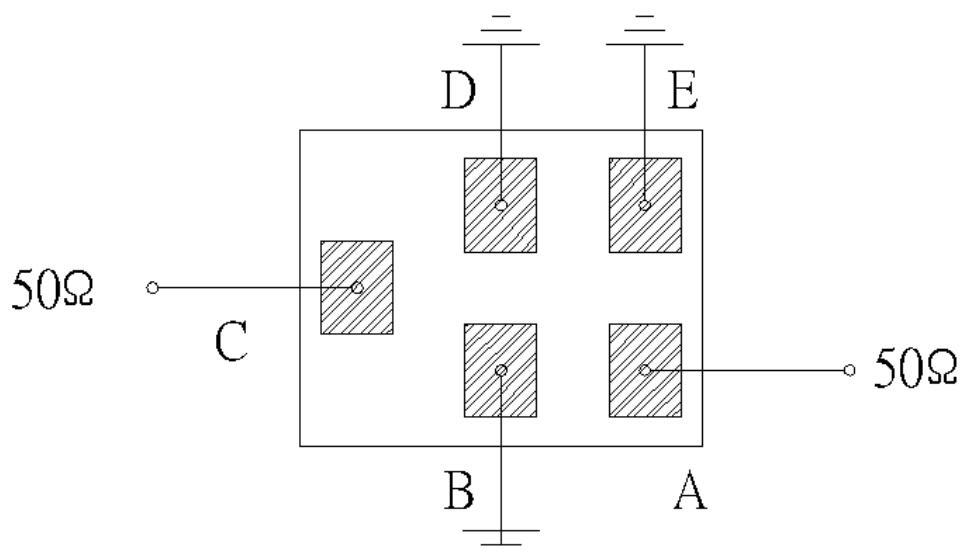
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**C. OUTLINE DRAWING:**



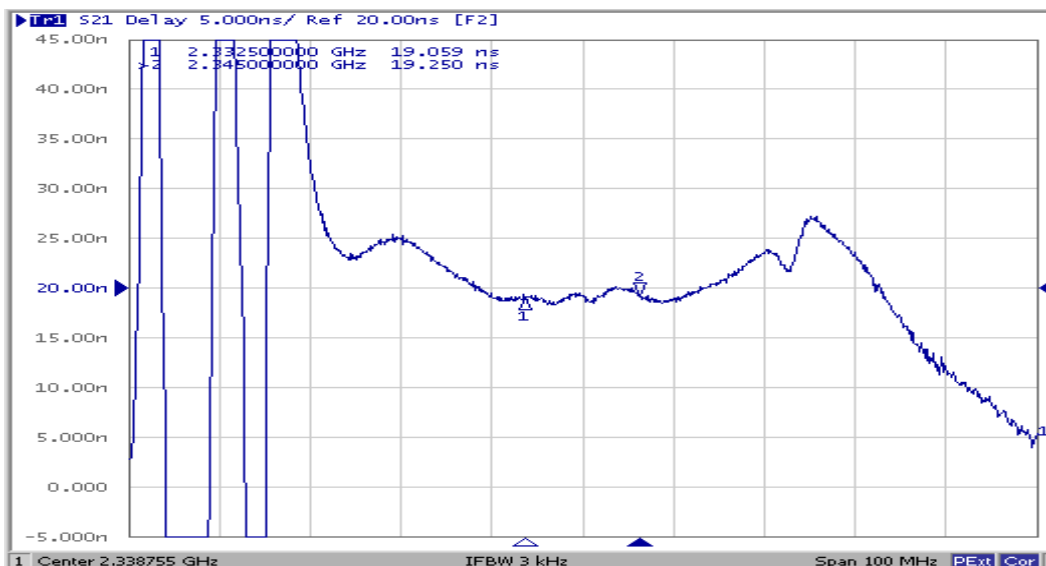
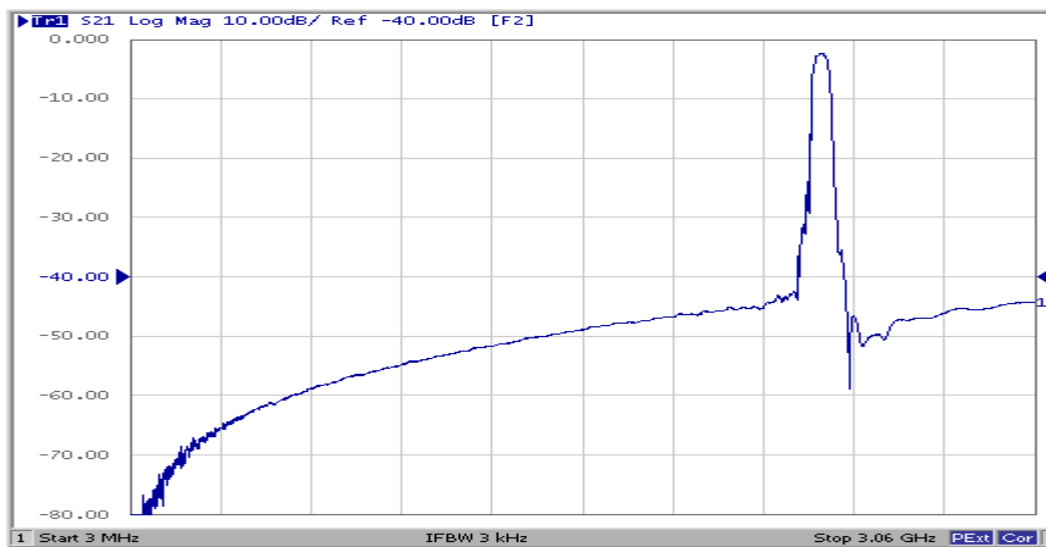
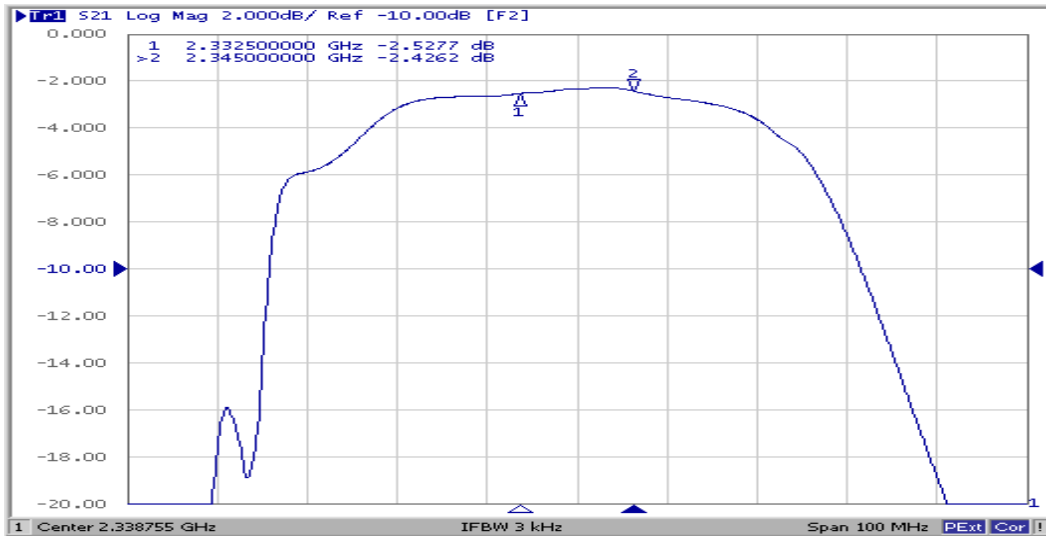
**D. MEASUREMENT CIRCUIT:**



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**E. FREQUENCY CHARACTERISTICS:**

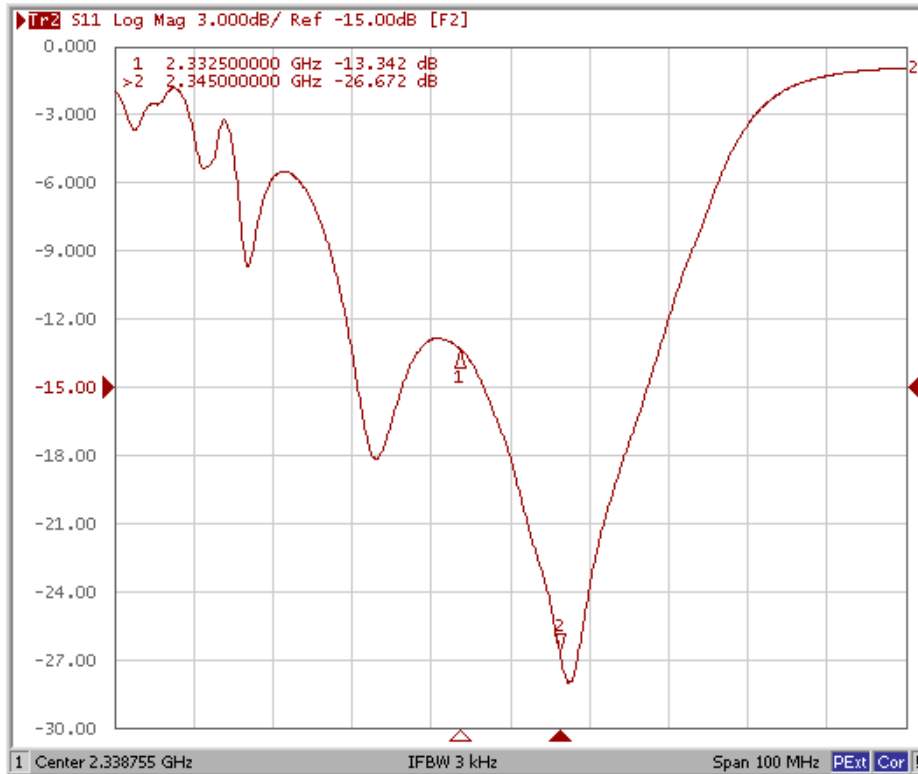


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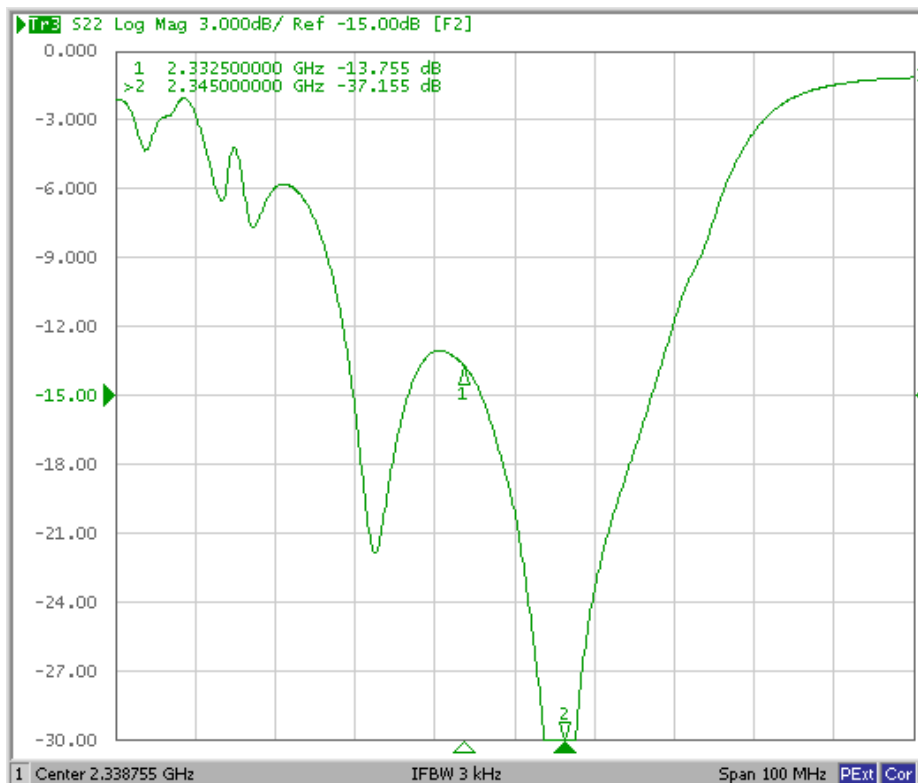
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Reflection Functions

S11



S22

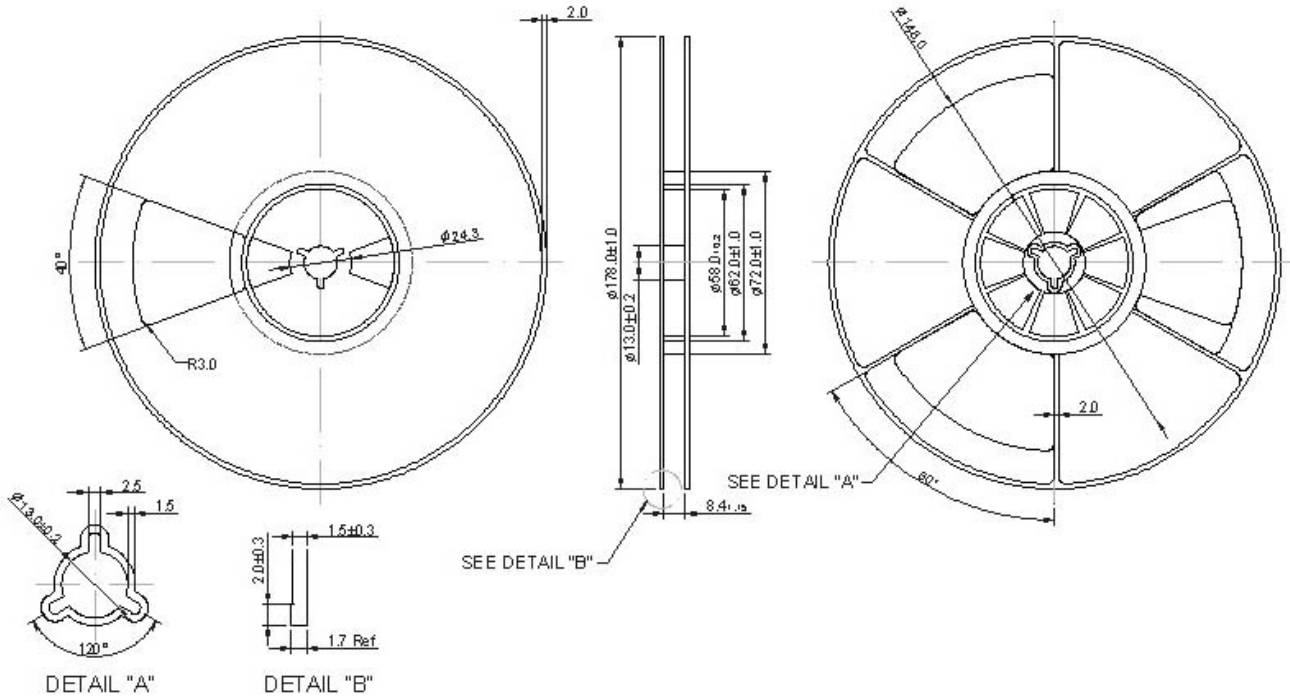


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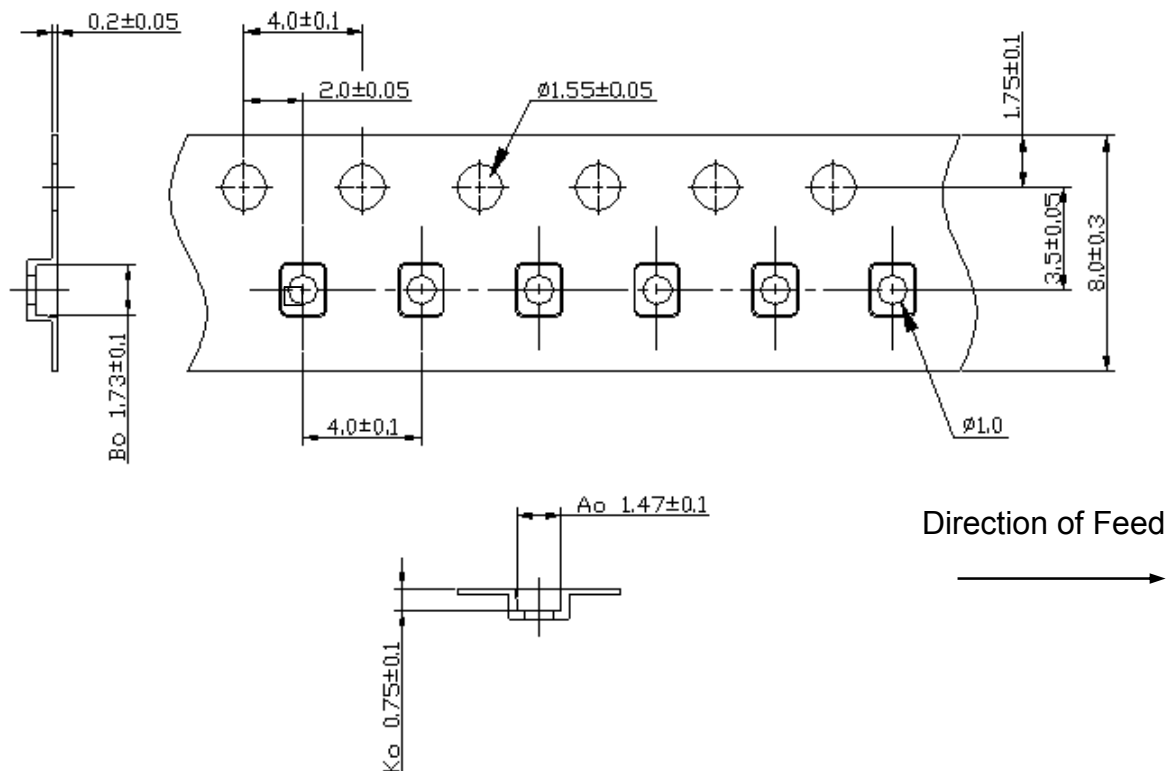
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**F. PACKING:**

**1. Reel Dimension**



**2. Tape Dimension**



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**G. 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. 10sec).
4. Time: 2 times.

