

**SAW Filter 2441.80MHz**  
**Part No: MP05028**

**Model: TA1468A**  
**Rev No: 2**

**A. MAXIMUM RATING:**

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

1. Terminating source impedance:  $Z_S = 50\Omega$
2. Terminating load impedance:  $Z_L = 50\Omega$

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	2441.8	-
Insertion Loss within 2400.0 ~ 2483.5 MHz	dB	-	1.8	2.8
Amplitude Ripple within 2400.0 ~ 2483.5 MHz	dB <sub>p-p</sub>	-	1.0	2.0
<b>Attenuation:</b>				
D.C ~ 1700.0 MHz	dB	20	23	-
1700.0 ~ 2200.0 MHz	dB	20	23	-
2700.0 ~ 3100.0 MHz	dB	20	26	-
3100.0 ~ 4000.0 MHz	dB	23	27	-
4000.0 ~ 6000.0 MHz	dB	20	28	-
VSWR within 2400.0 ~ 2483.5 MHz	-	-	1.9	2.3

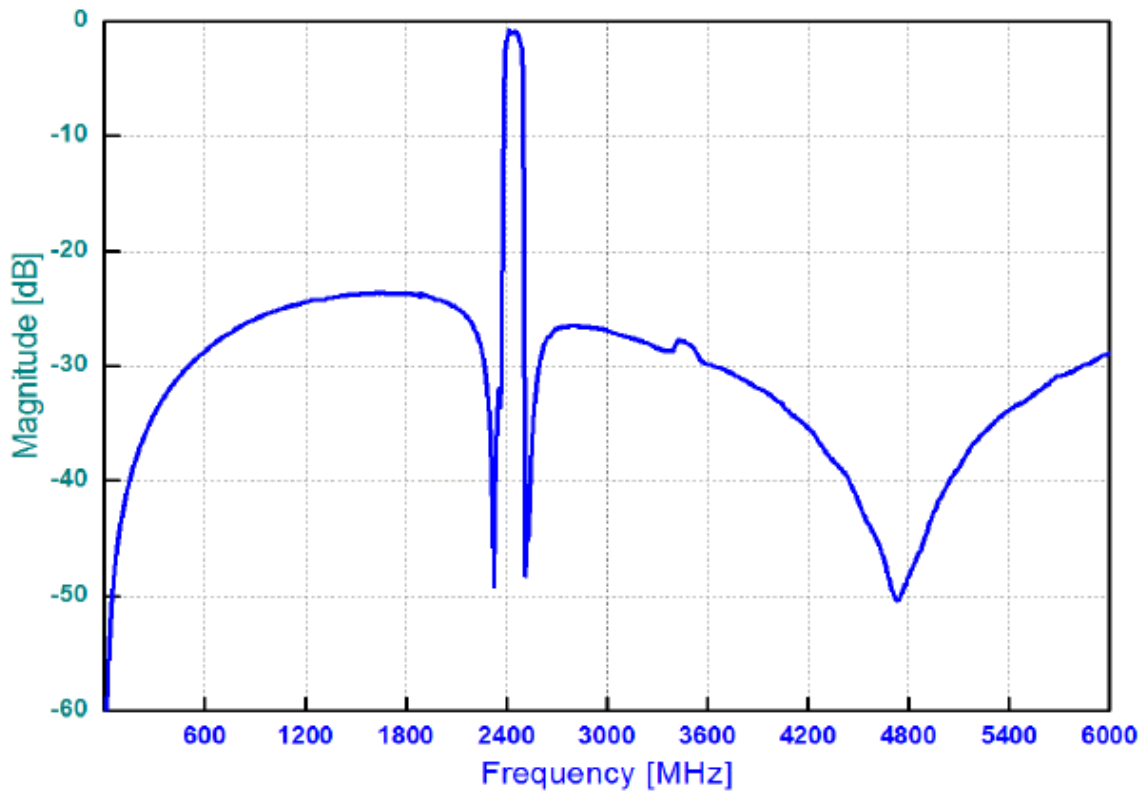
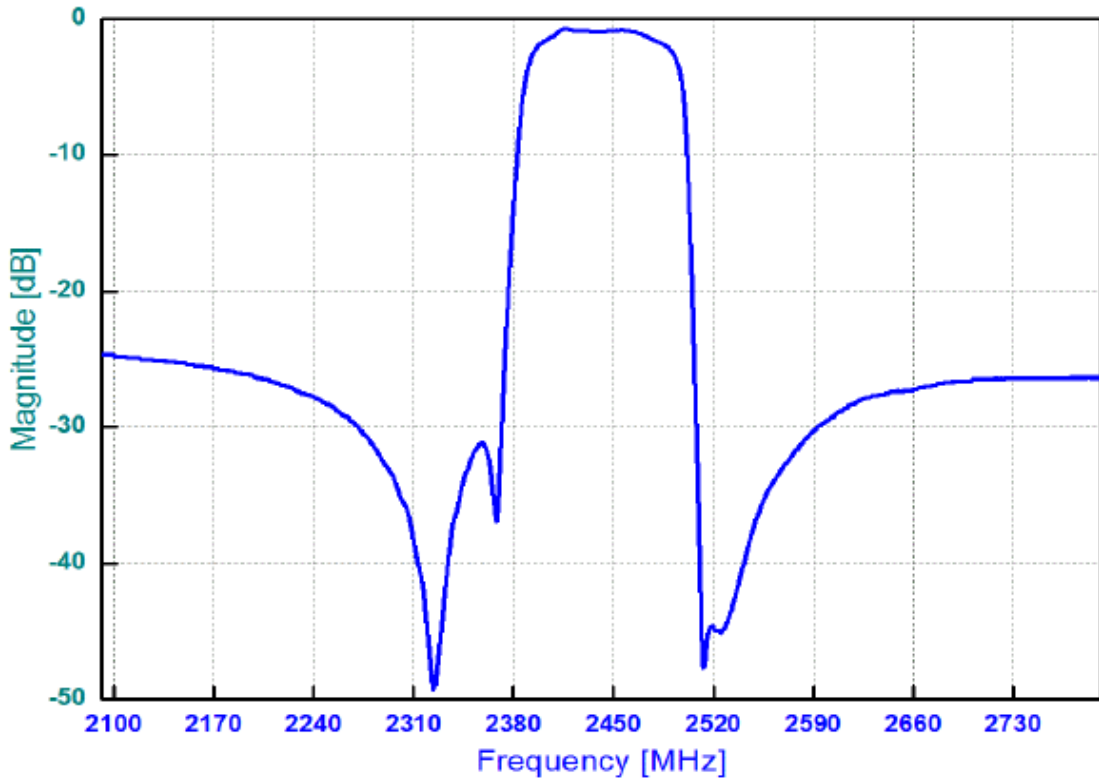
**Notes :** (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

**SAW Filter 2441.80MHz**  
**Part No: MP05028**

**Model: TA1468A**  
**Rev No: 2**

**C. FREQUENCY CHARACTERISTICS:**

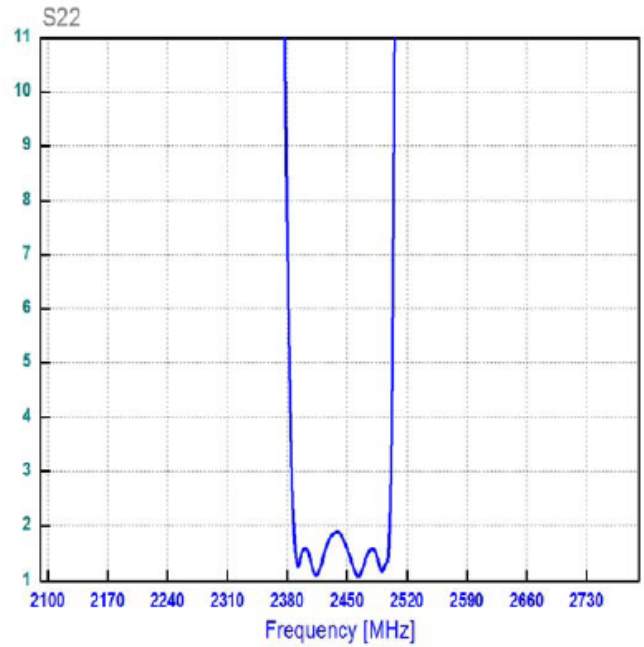
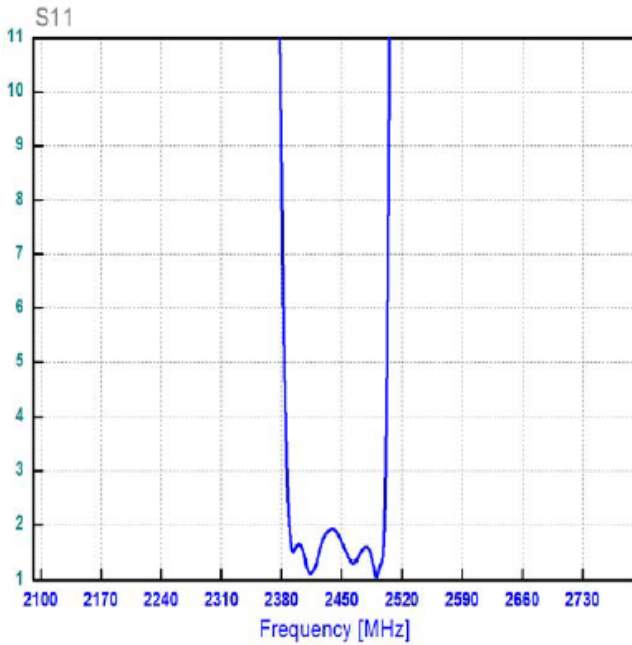
1. Frequency Response



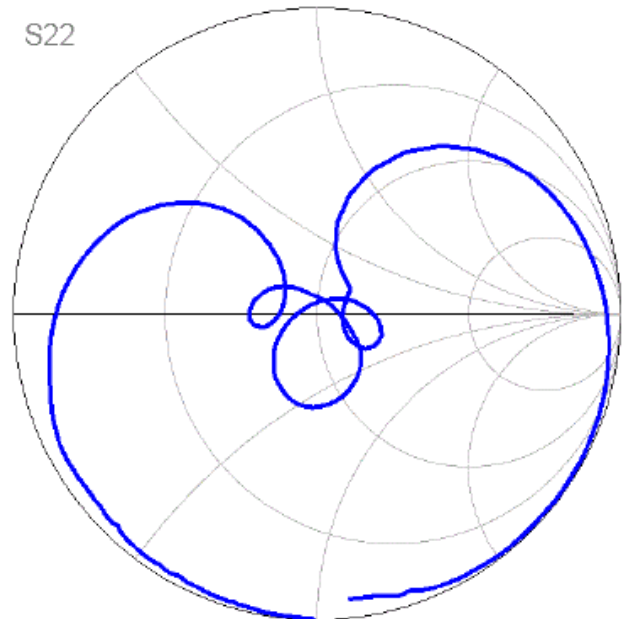
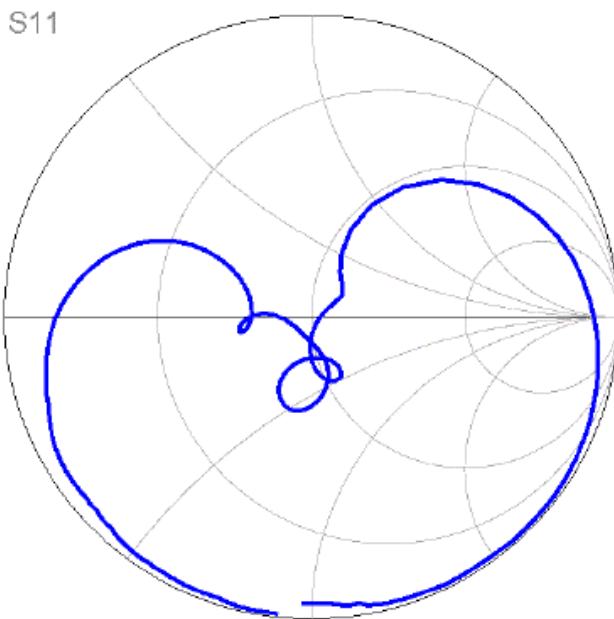
**SAW Filter 2441.80MHz**  
**Part No: MP05028**

**Model: TA1468A**  
**Rev No: 2**

2. VSWR



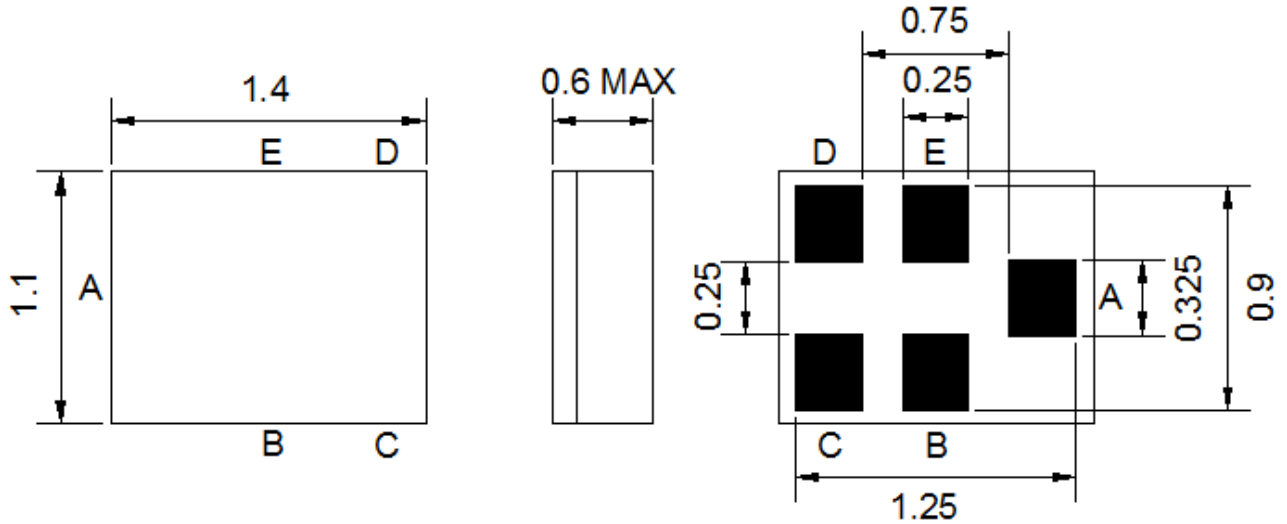
3. Smith Chart



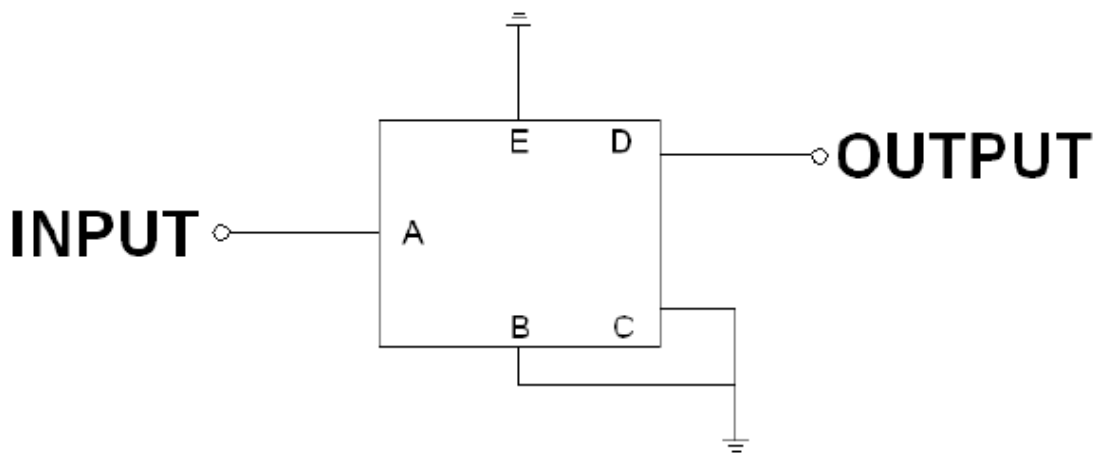
**SAW Filter 2441.80MHz**  
**Part No: MP05028**

**Model: TA1468A**  
**Rev No: 2**

**D. OUTLINE DRAWING:**



**E. MEASUREMENT CIRCUIT:**



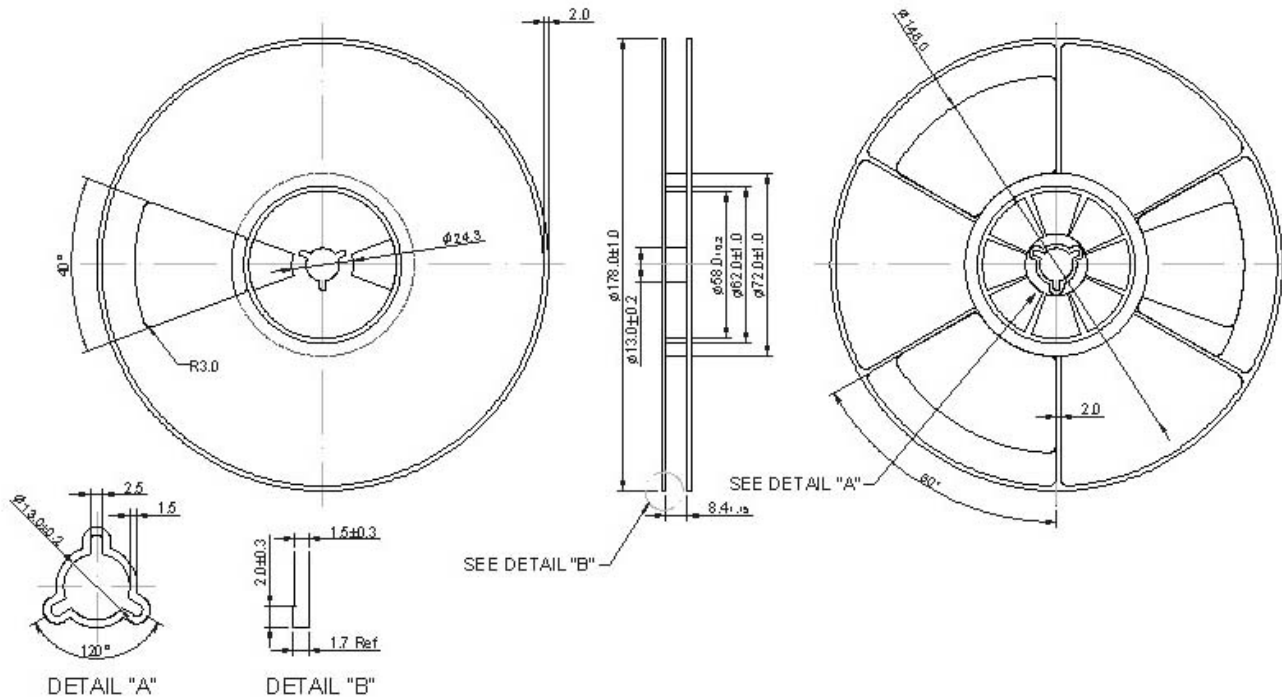
Source & Load Impedance: 50Ω

**SAW Filter 2441.80MHz**  
**Part No: MP05028**

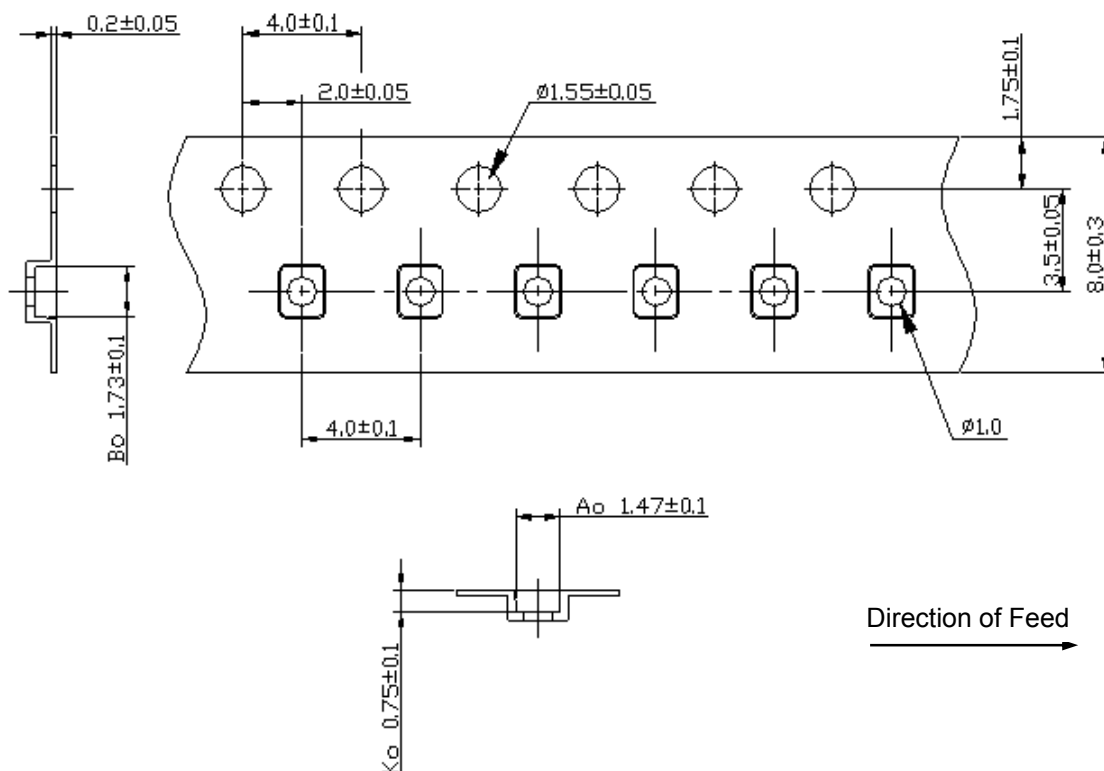
**Model: TA1468A**  
**Rev No: 2**

**F. PACKING:**

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



2. Tape Dimension



**SAW Filter 2441.80MHz**  
**Part No: MP05028**

**Model: TA1468A**  
**Rev No: 2**

**G. RECOMMENDED REFLOW PROFILE:**

