

**SAW Filter 1621.250MHz**  
**Part No: MP05833**

**Model: TA1496A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

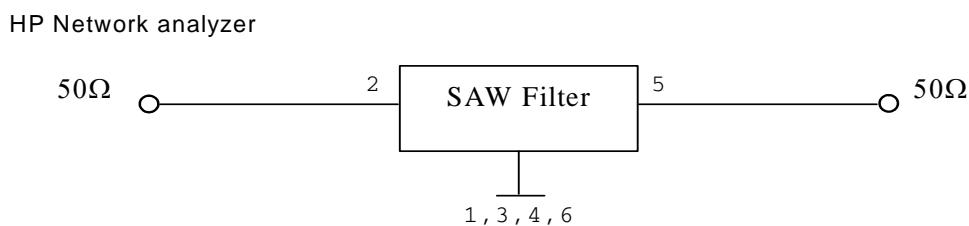
Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -45°C to +90°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	1621.25	-
Insertion loss (1616 ~ 1626.5MHz) IL	dB	-	1.9	2.5
Amplitude ripple (1616 ~ 1626.5MHz)	dB	-	0.7	1.2
Return loss (1616 ~ 1626.5MHz)	dB	10	17	-
Attenuation (Reference level from 0dB)				
200 ~ 1475MHz	dB	35	39	-
1475 ~ 1570MHz	dB	20	29	-
1570 ~ 1575MHz	dB	15	23	-
1652 ~ 1662MHz	dB	2	6	-
1662 ~ 1670MHz	dB	2	35	-
1670 ~ 2200MHz	dB	25	44	-
2200 ~ 3000MHz	dB	25	46	-
Temperature coefficient of frequency	ppm/k	-	-30	-

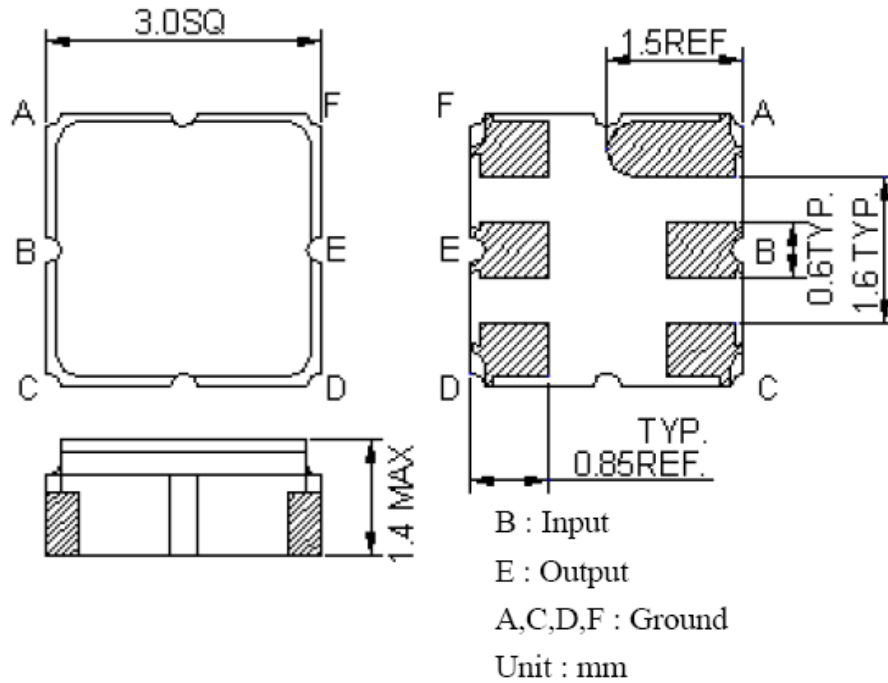
**C. MEASUREMENT CIRCUIT:**



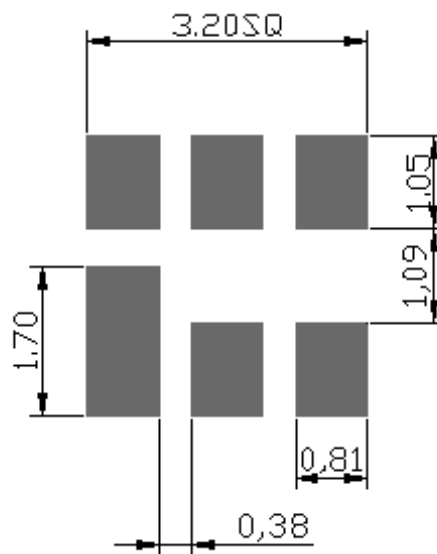
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**D. OUTLINE DRAWING:**



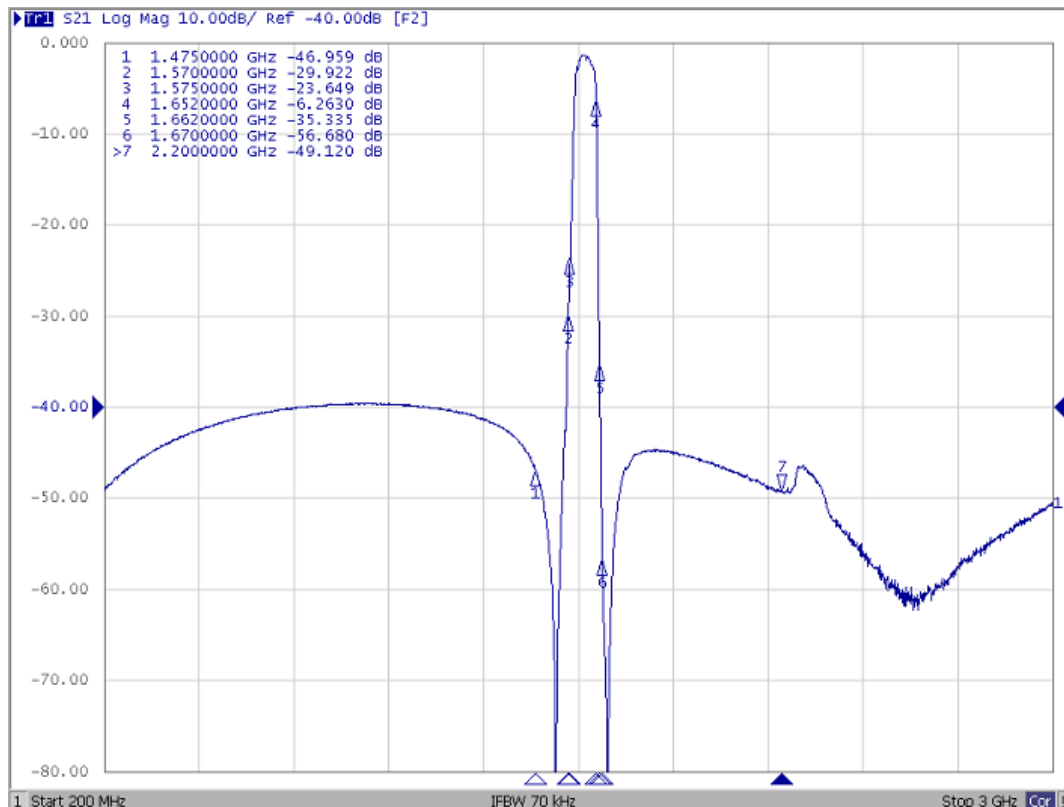
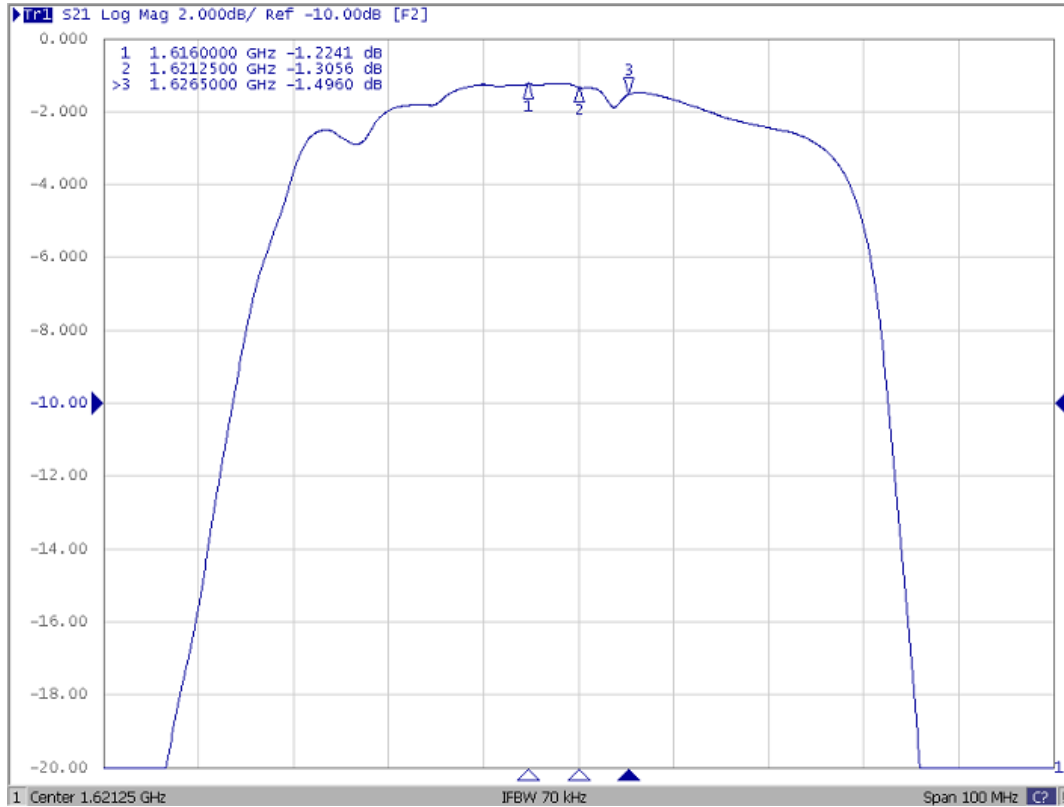
**E. PCB FOOTPRINT:**



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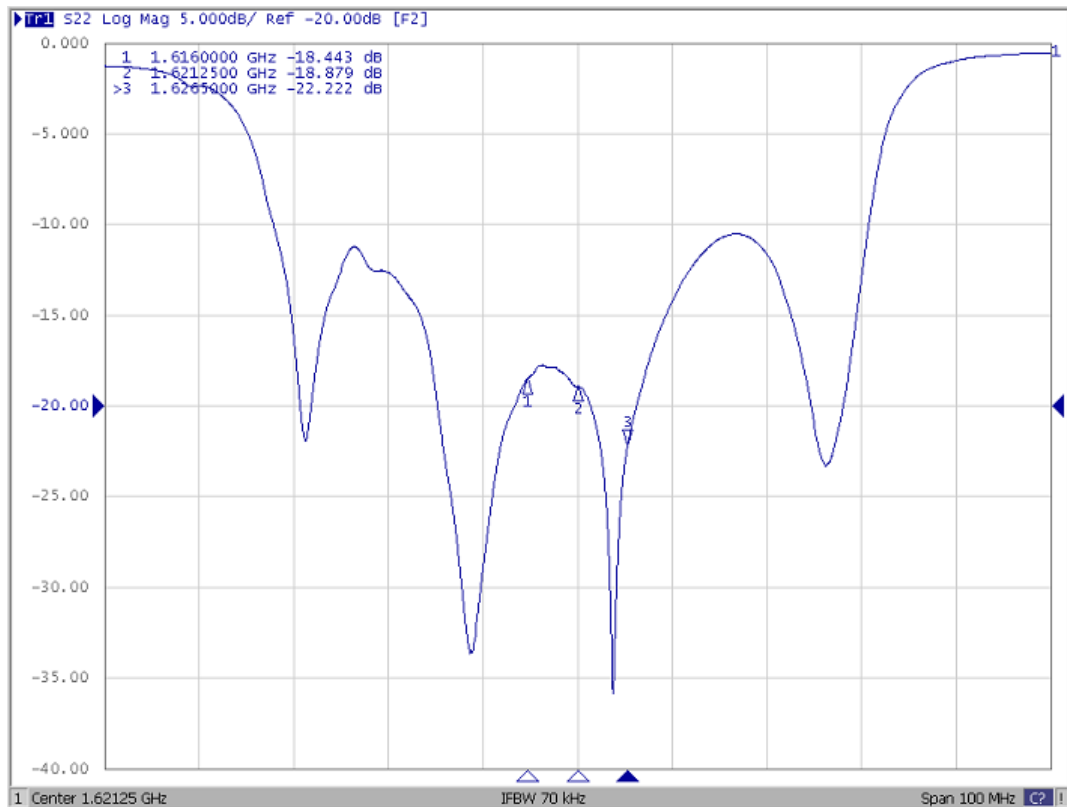
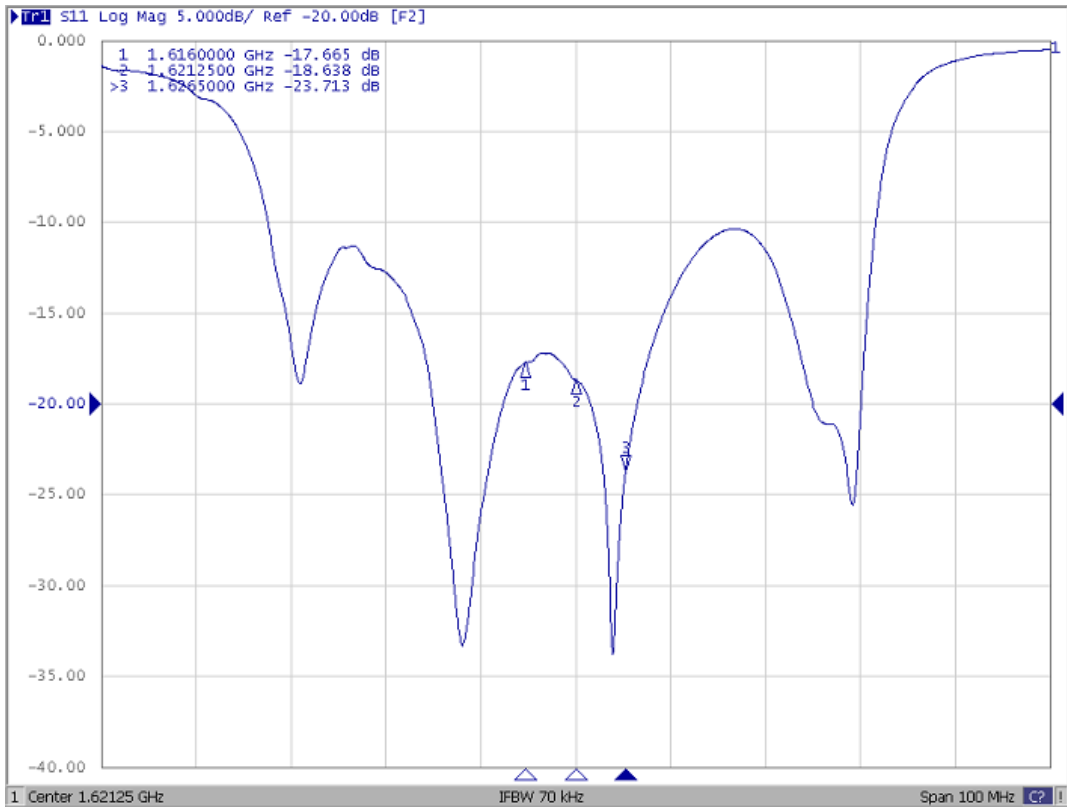
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**F. FREQUENCY CHARACTERISTICS:**



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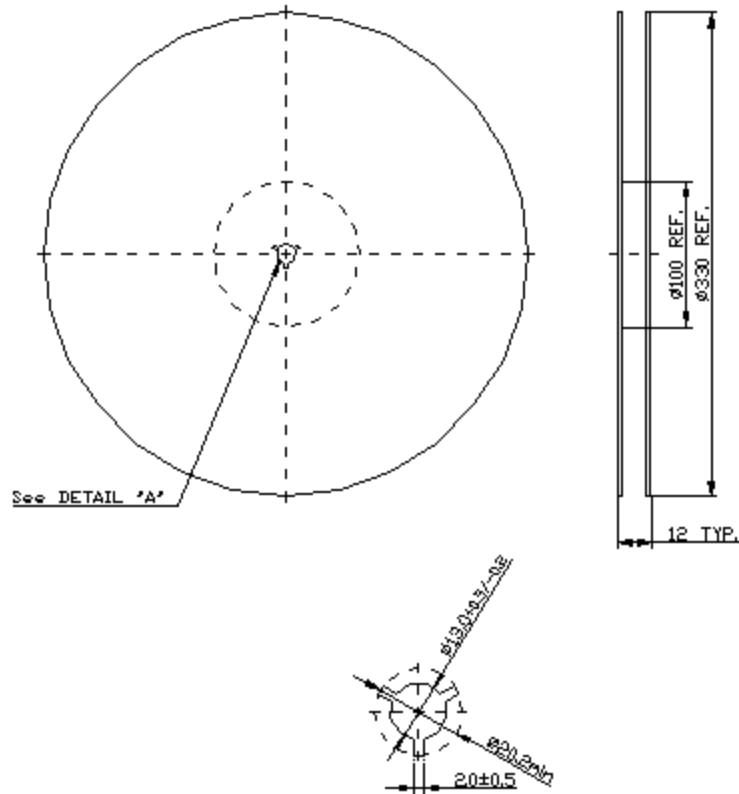


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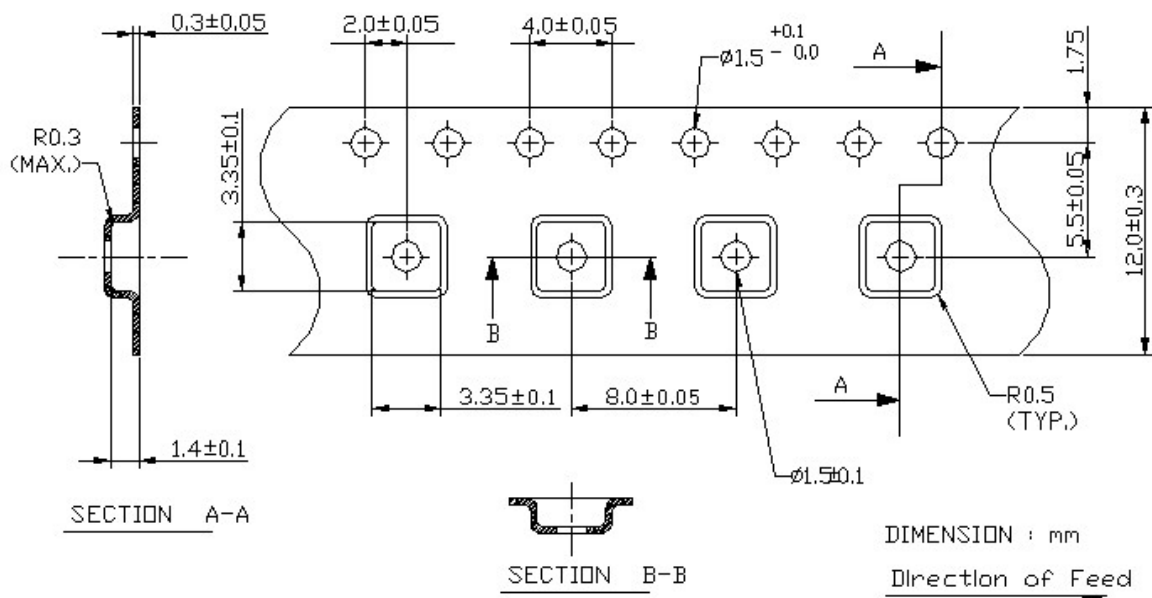
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**G. PACKING:**

1. Reel Dimension (Reel Count: 7" = 1000; 13" = 3000)



2. Tape Dimension



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**H. RECOMMENDED REFLOW PROFILE:**

