

**SAW Filter 2602.50MHz**  
**Part No: MP05746**

**Model: TA0917A**  
**Rev. No: 2**

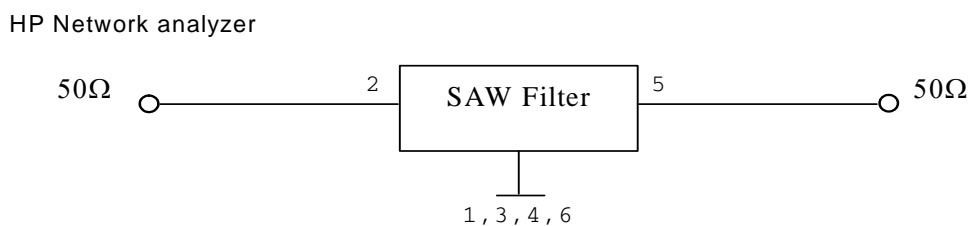
**A. MAXIMUM RATING:**

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +95°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2602.5	-	-
Insertion Loss (2595 ~ 2625MHz) IL	dB	-	2.5	3.3	-
Insertion Loss (2580 ~ 2595MHz) IL	dB	-	3	3.5	-
Amplitude Ripple (2595 ~ 2625MHz)	dB	-	1.3	2.2	-
Return Loss (2595 ~ 2625MHz)	dB	9	14	-	-
Attenuation (Reference level from 0dB)					
2100 ~ 2400MHz	dB	35	45	-	-
2400 ~ 2484MHz	dB	40	44	-	-
2710 ~ 2840MHz	dB	40	54	-	-
2840 ~ 3000MHz	dB	35	49	-	-

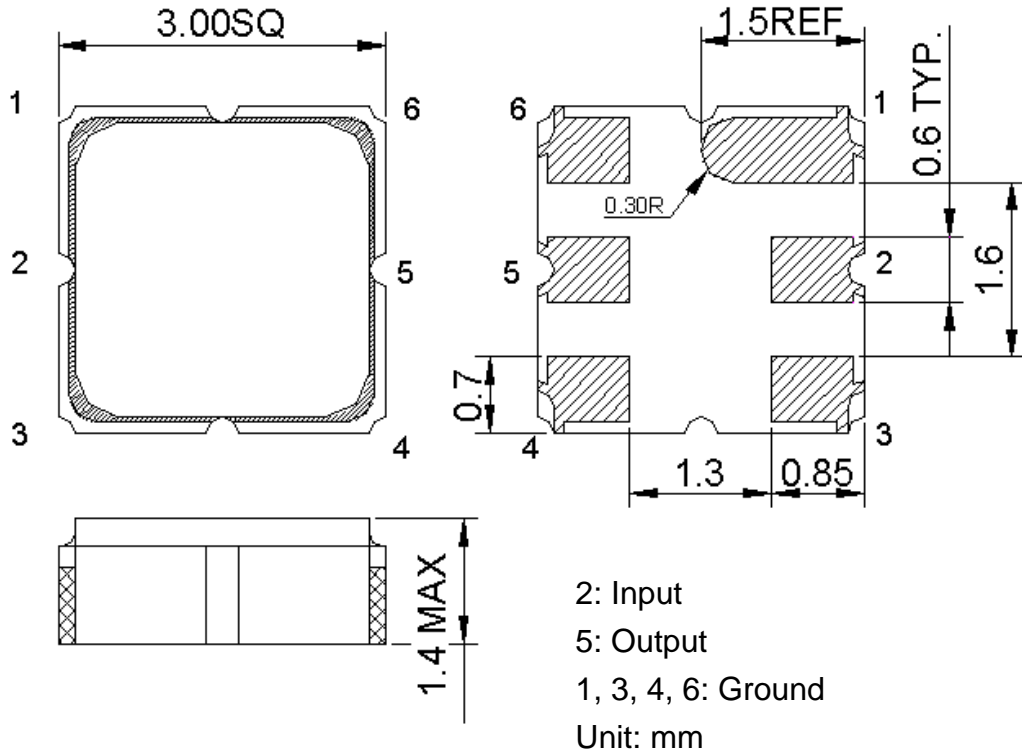
**C. MEASUREMENT CIRCUIT:**



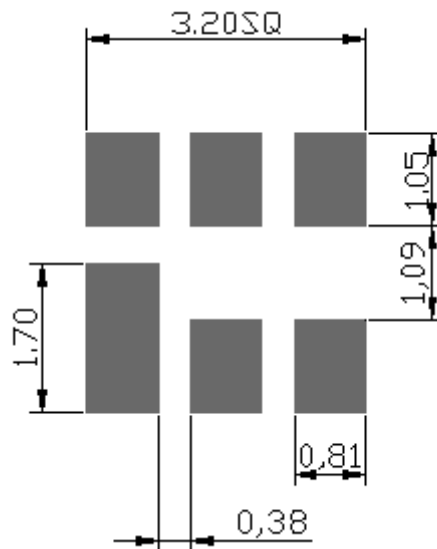
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**D. OUTLINE DRAWING:**



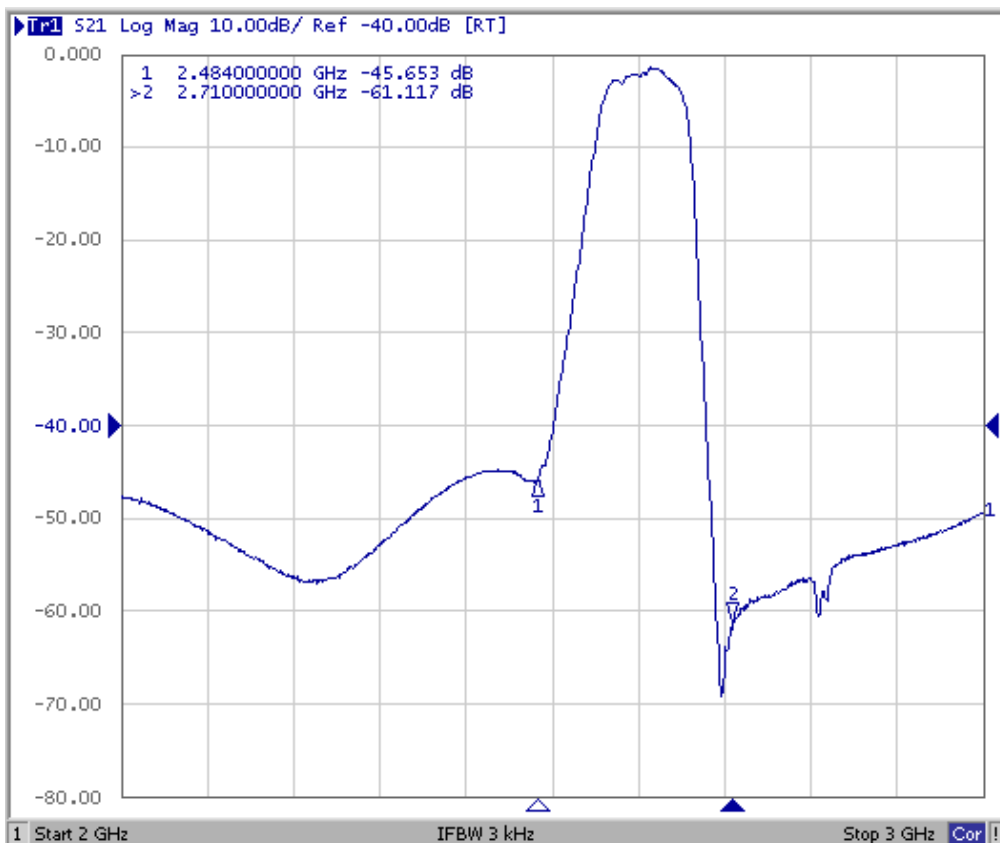
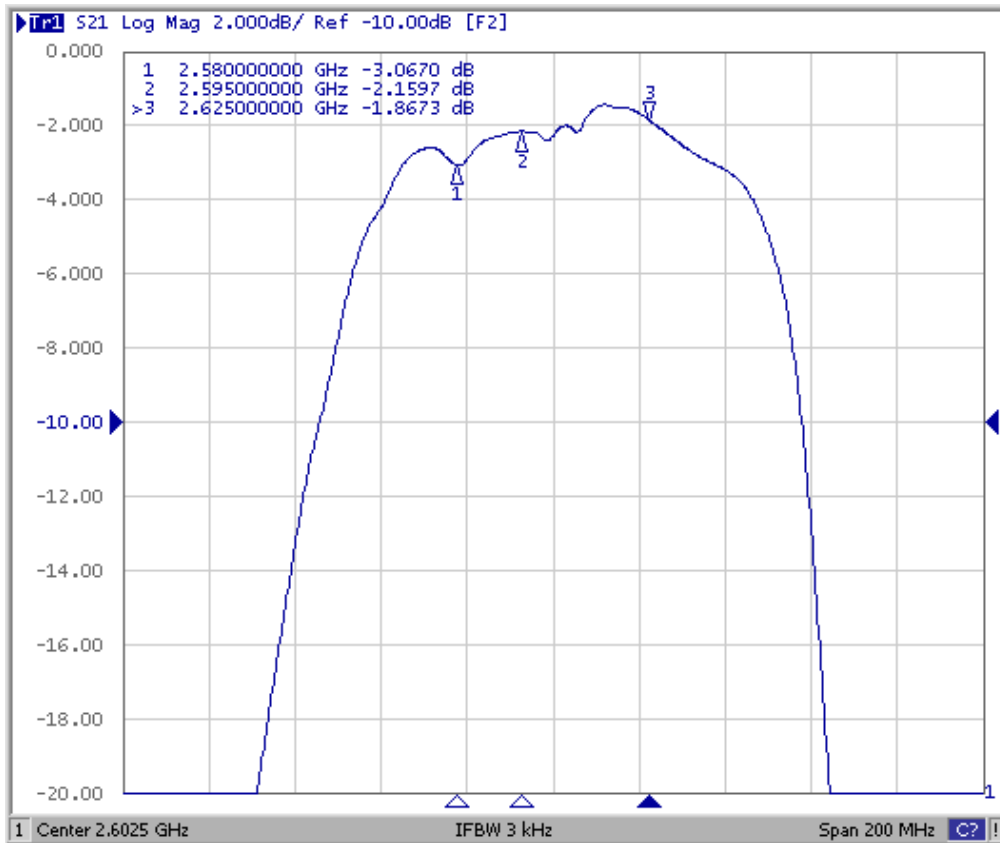
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS:**

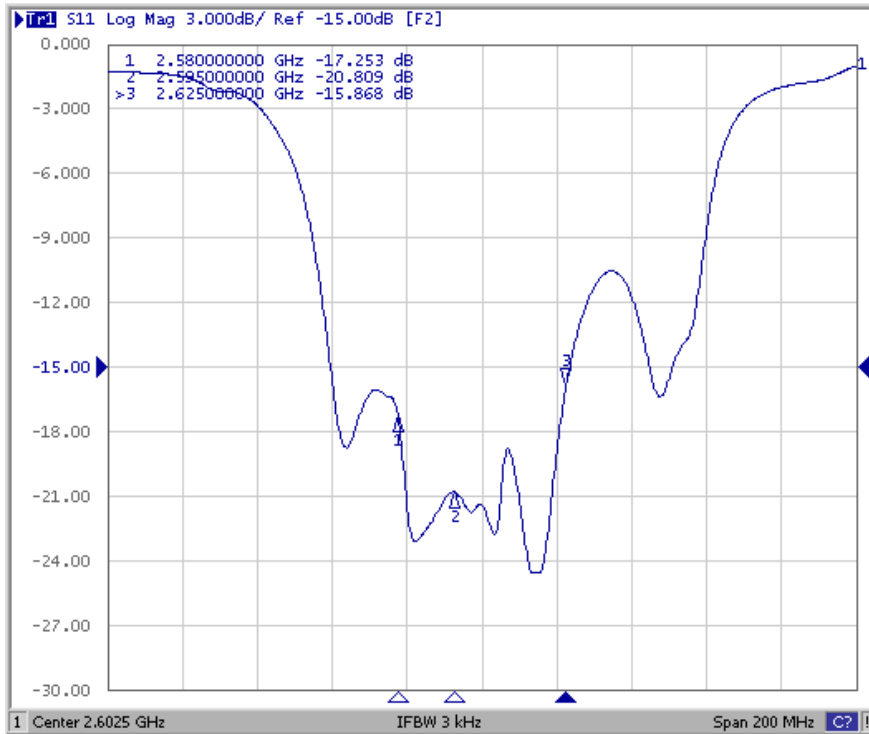


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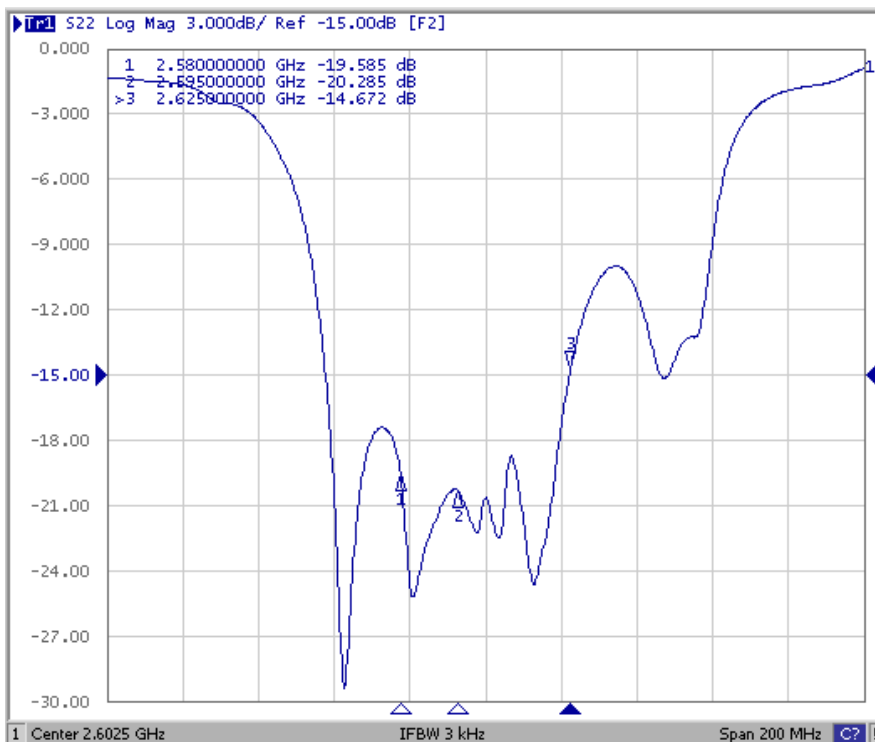
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Reflection Functions

S11



S22

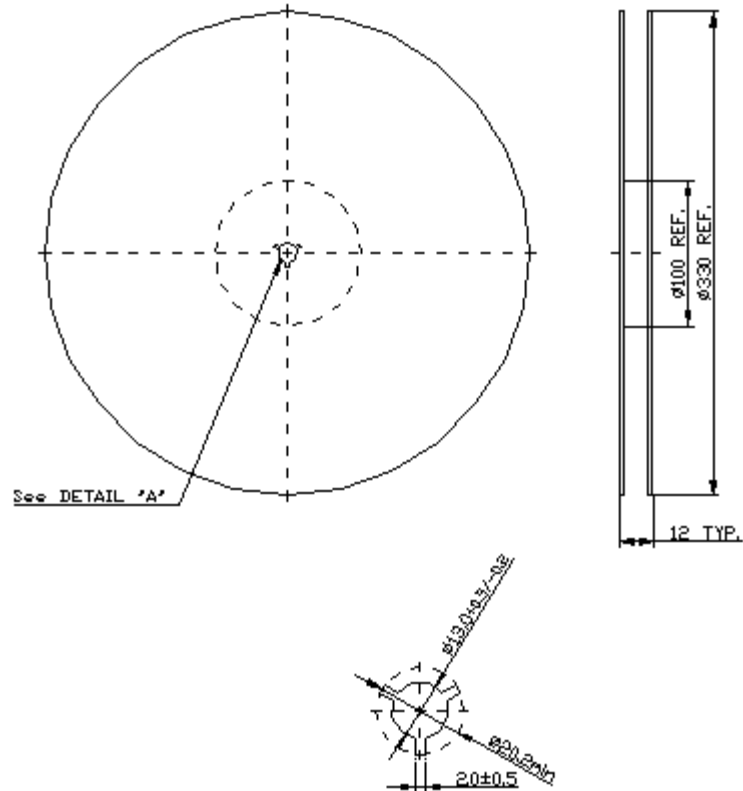


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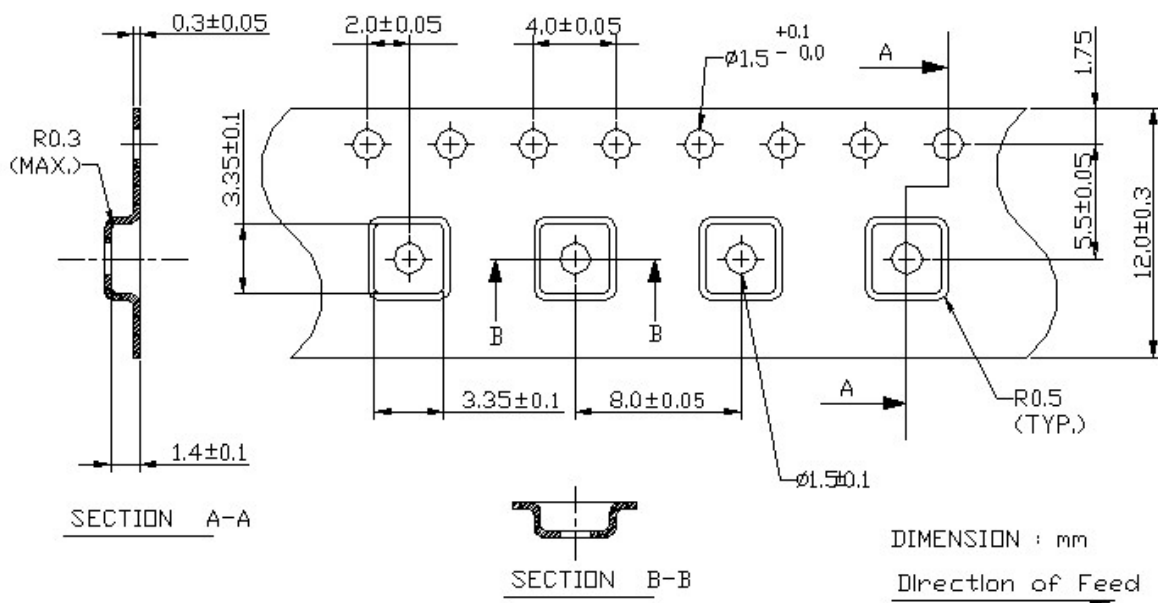
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**G. PACKING:**

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



2. Tape Dimension



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**H. RECOMMENDED REFLOW PROFILE:**

