

**SAW Filter 1600MHz**  
**Part No: MP02929**

**Model: TA1172A**  
**Rev No: 1**

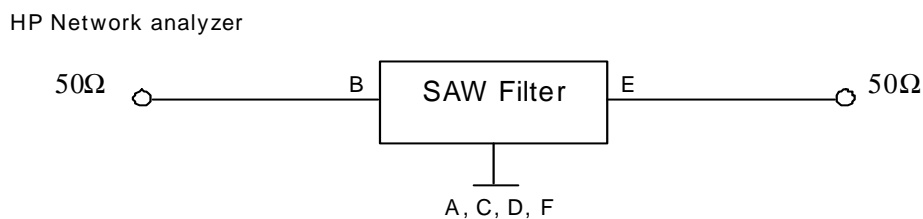
**A. MAXIMUM RATING:**

1. Input Power Level: +10dBm
2. DC Voltage: 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1600	-	-
Insertion Loss (1597.5 ~ 1602.5MHz) IL	dB	-	2.8	4	-
Amplitude Ripple (1597.5 ~ 1602.5MHz)	dB	-	0.1	1.0	-
-1dB Bandwidth	MHz	5	42	-	-
VSWR (1597.5 ~ 1602.5MHz)		-	1.6	2.1	-
Attenuation (Reference level from 0dB)					
DC ~ 100MHz	dB	60	70	-	-
100 ~ 1532MHz	dB	40	50	-	-
1532 ~ 1538MHz	dB	30	50	-	-
1661 ~ 1668MHz	dB	30	47	-	-
1668 ~ 2500MHz	dB	40	48	-	-

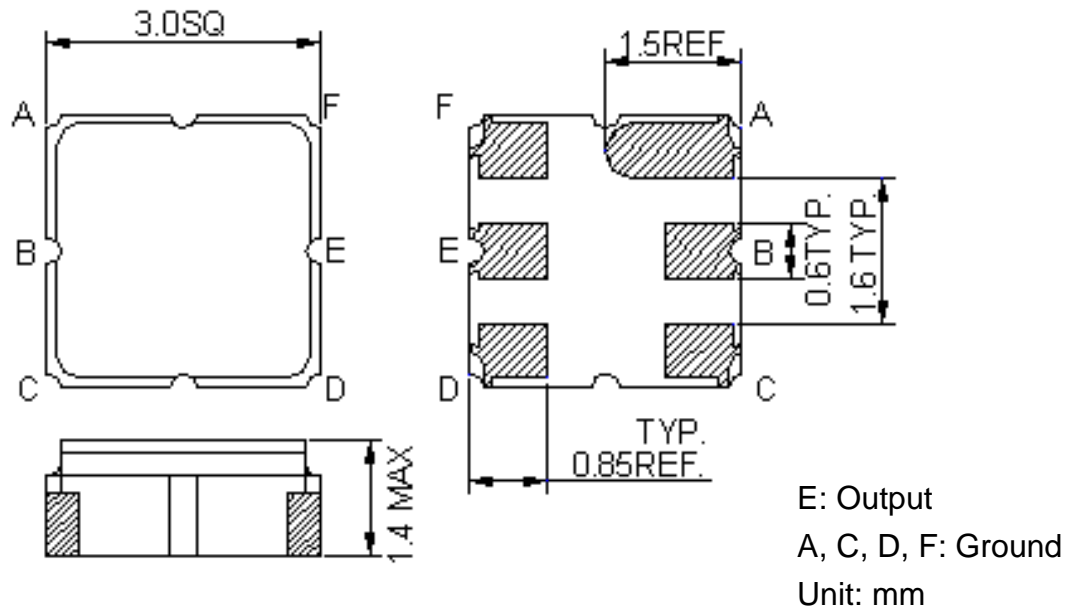
**C. MEASUREMENT CIRCUIT:**



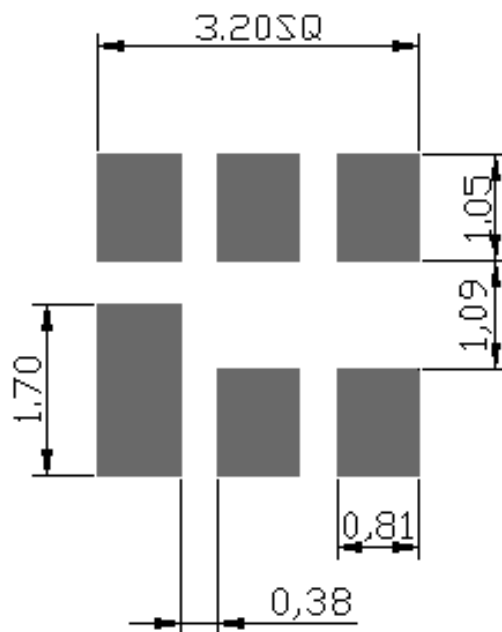
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**D. OUTLINE DRAWING:**



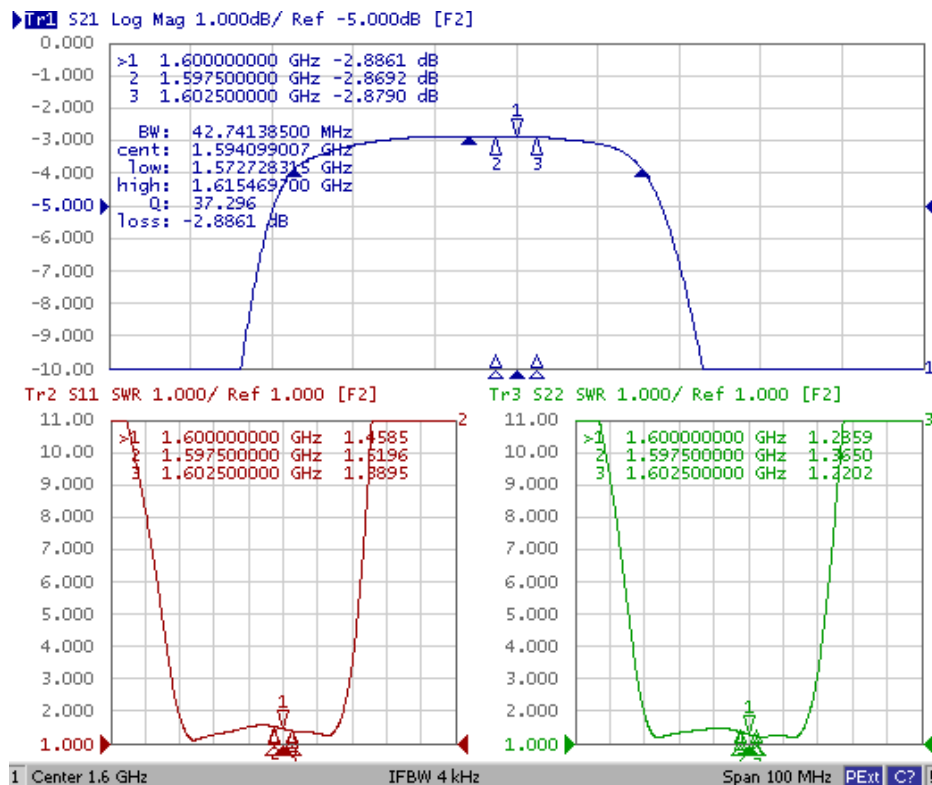
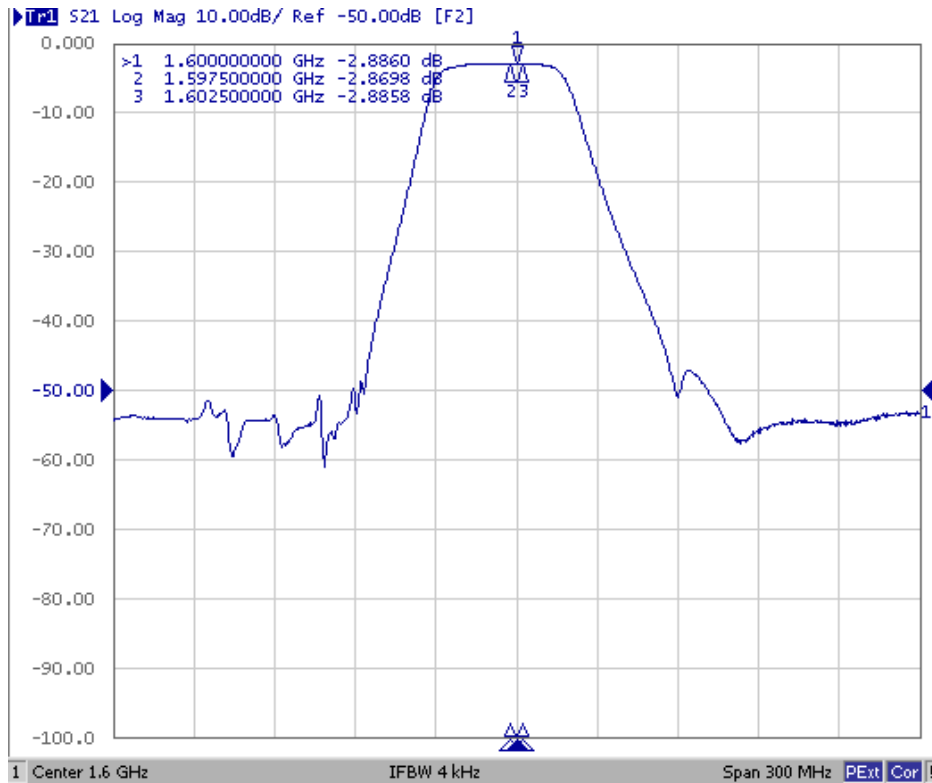
**E. PCB FOOTPRINT:**



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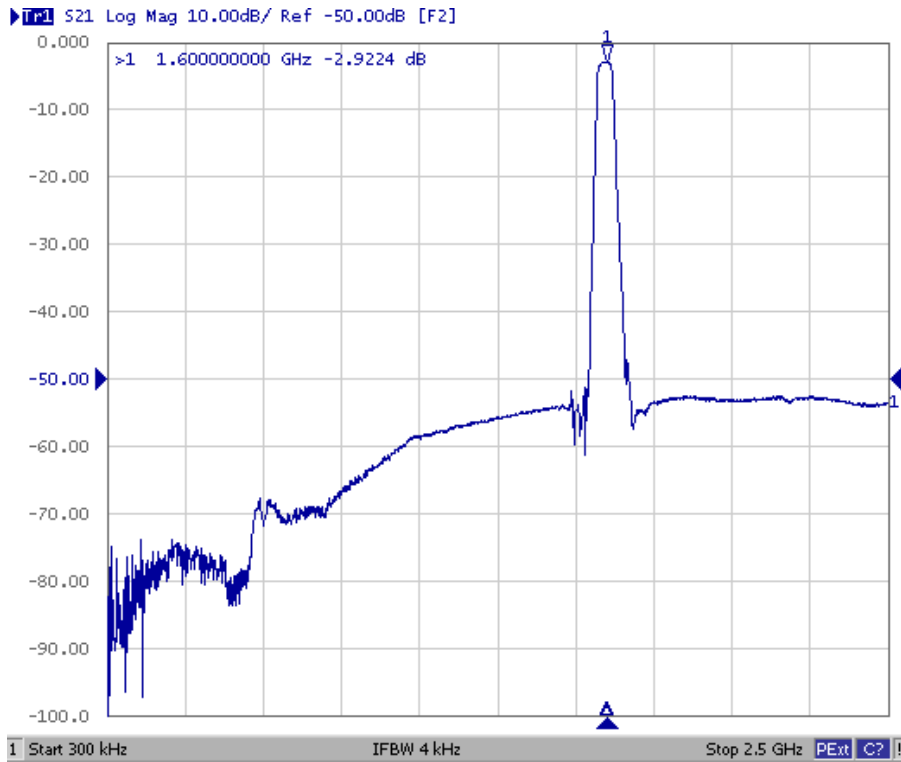
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**F. FREQUENCY CHARACTERISTICS:**



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**H. RECOMMENDED REFLOW PROFILE:**

