

**SAW Filter 611.0MHz**  
**Part No: MP03069**

**Model: TA0914A**  
**Rev No: 2**

**A. MAXIMUM RATING:**

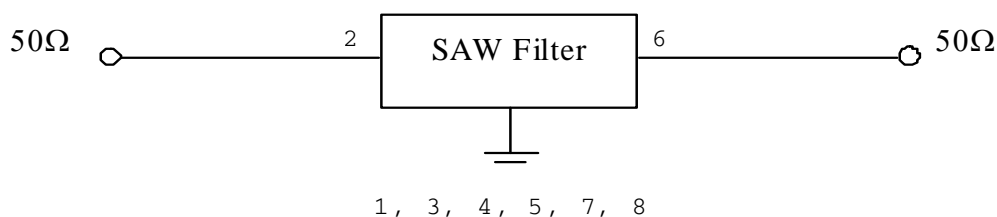
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -30°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	611	-	-
Insertion loss (608 ~ 614MHz) IL	dB	-	1.7	2.7	-
Amplitude Ripple (608 ~ 614MHz)	dB	-	0.5	1.2	-
Return Loss (608 ~ 614MHz)	dB	10	14	-	-
Attenuation (Reference level from 0dB)					
DC ~ 580MHz	dB	45	47	-	-
736 ~ 792MHz	dB	45	52	-	-
792 ~ 1000MHz	dB	40	47	-	-
1000 ~ 2300MHz	dB	20	25	-	-
2300 ~ 3000MHz	dB	12	18	-	-

**C. MEASUREMENT CIRCUIT:**

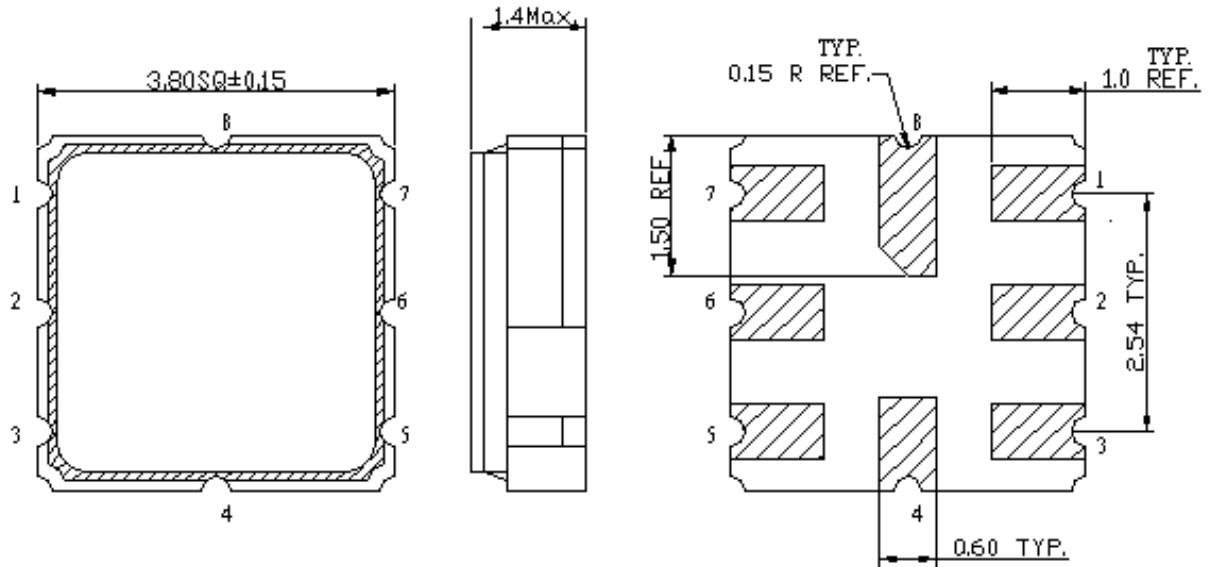
HP Network analyzer



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**D. OUTLINE DRAWING:**



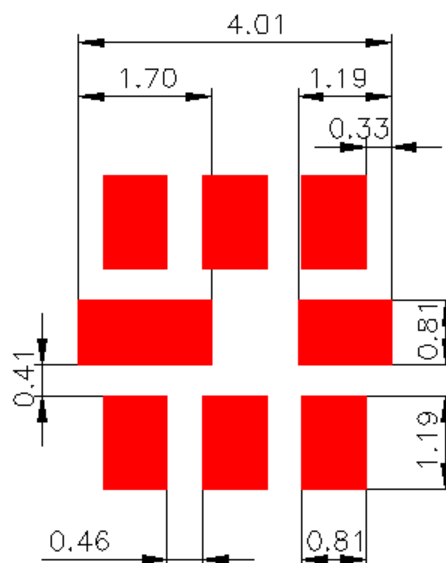
2: Input

6: Output

1, 3, 4, 5, 7, 8: Ground

Unit: mm

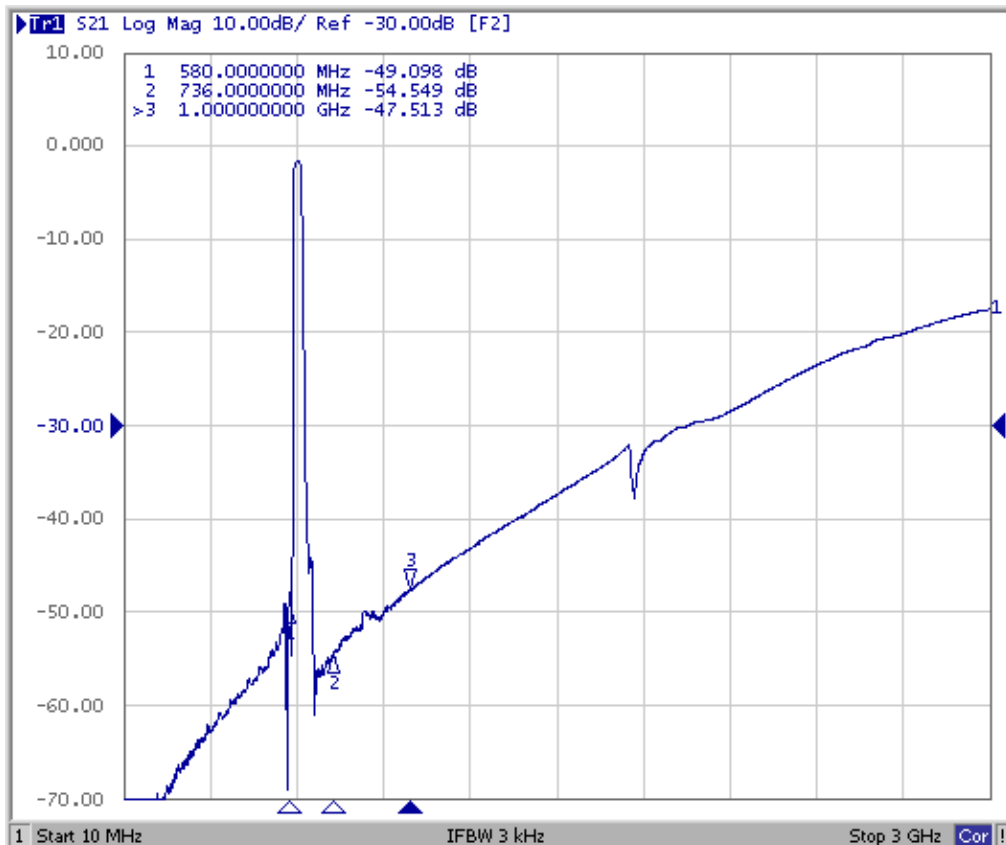
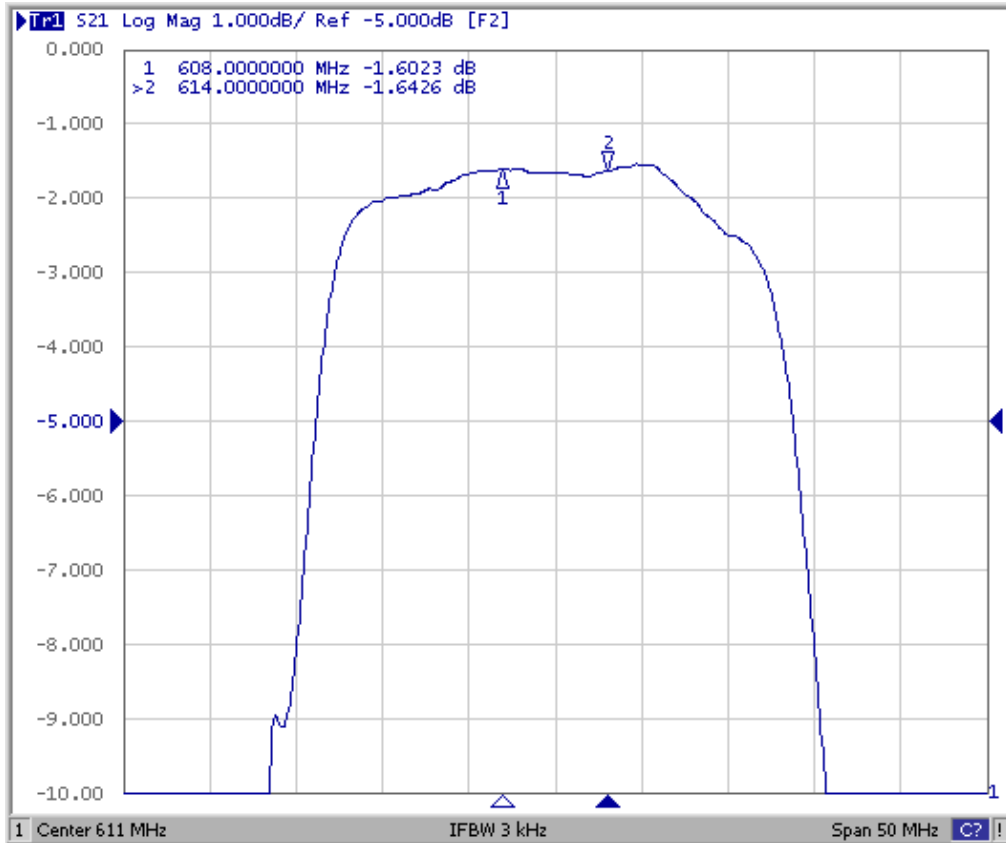
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS:**

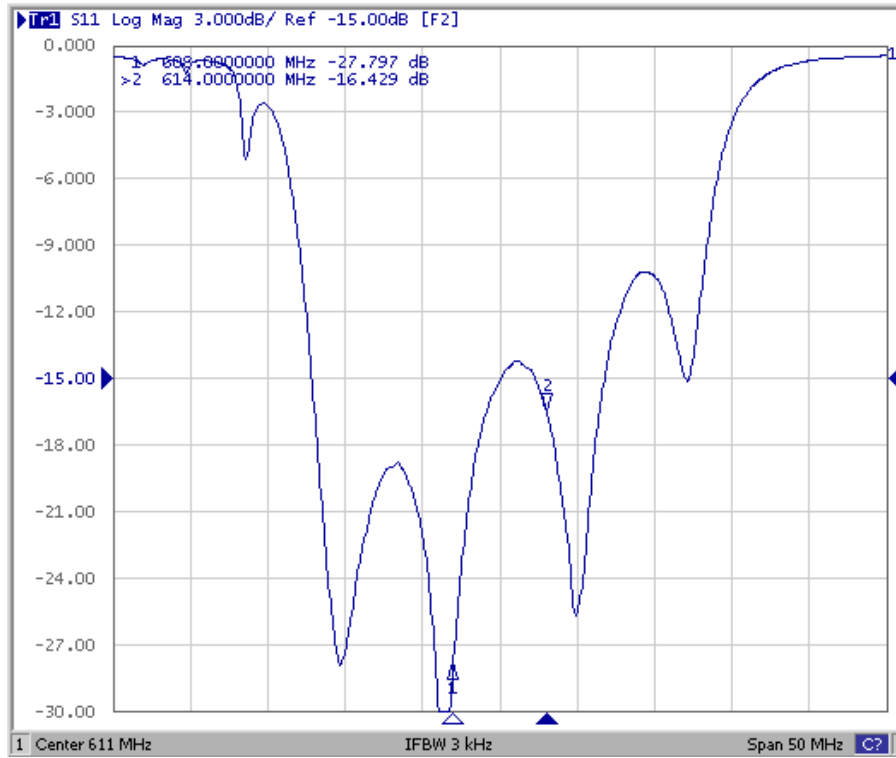


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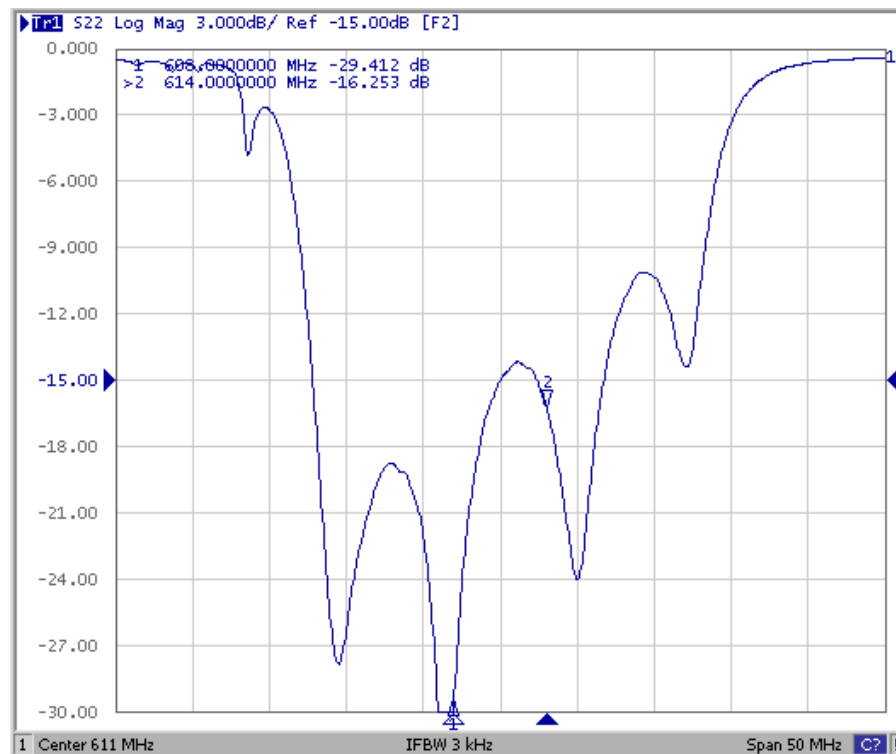
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Reflection Functions

S11



S22





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**H. RECOMMENDED REFLOW PROFILE:**

