

SAW Filter 611MHz
Part No: MP03069

Model: TA0914A
Rev No: 2

A. MAXIMUM RATING:

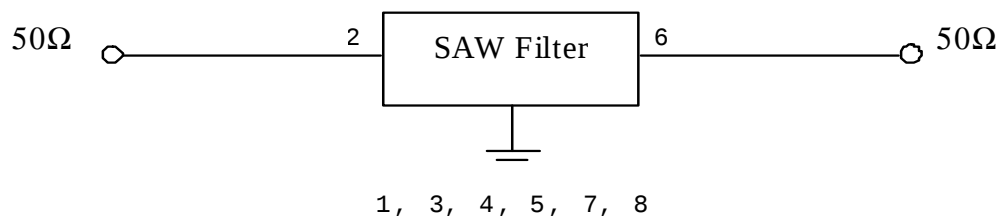
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -30°C to +85°C

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:

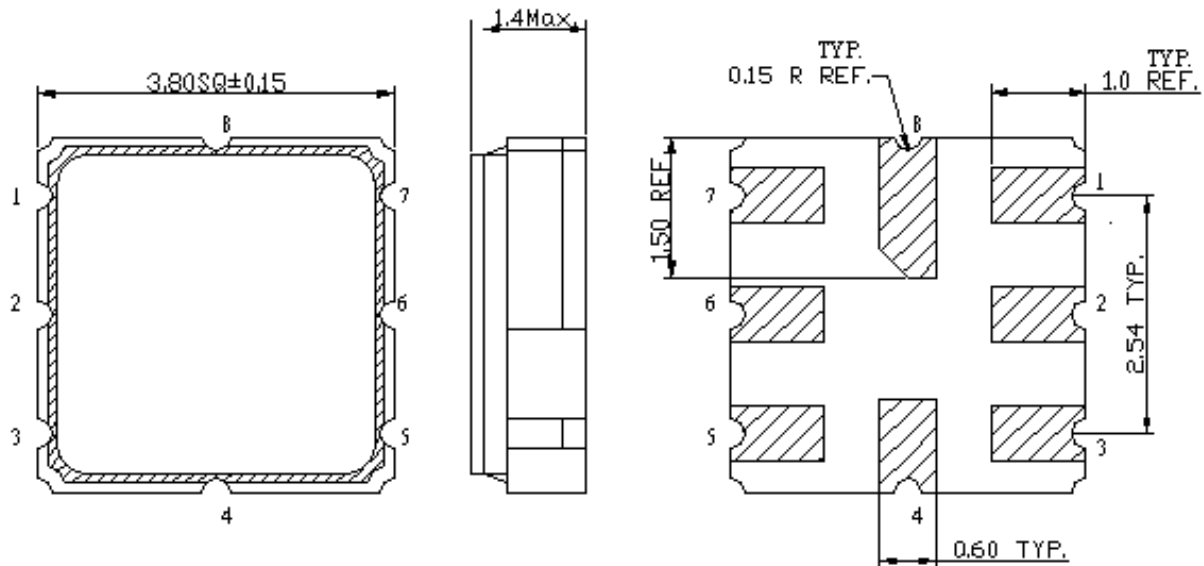
HP Network analyzer



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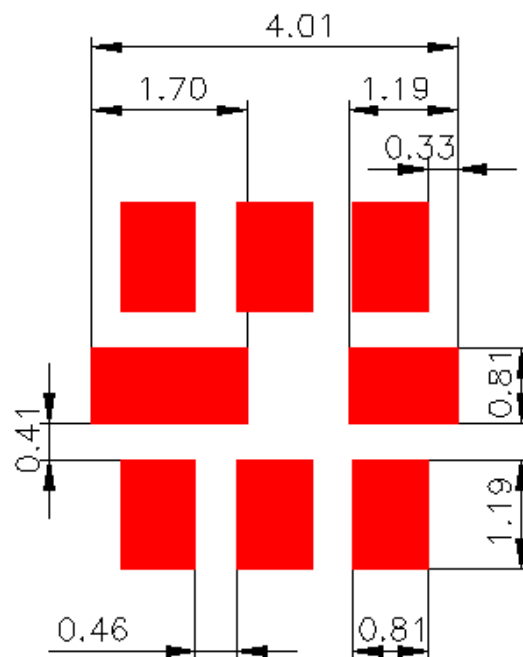
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D. OUTLINE DRAWING:



2: Input
 6: Output
 1, 3, 4, 5, 7, 8: Ground
 Unit: mm

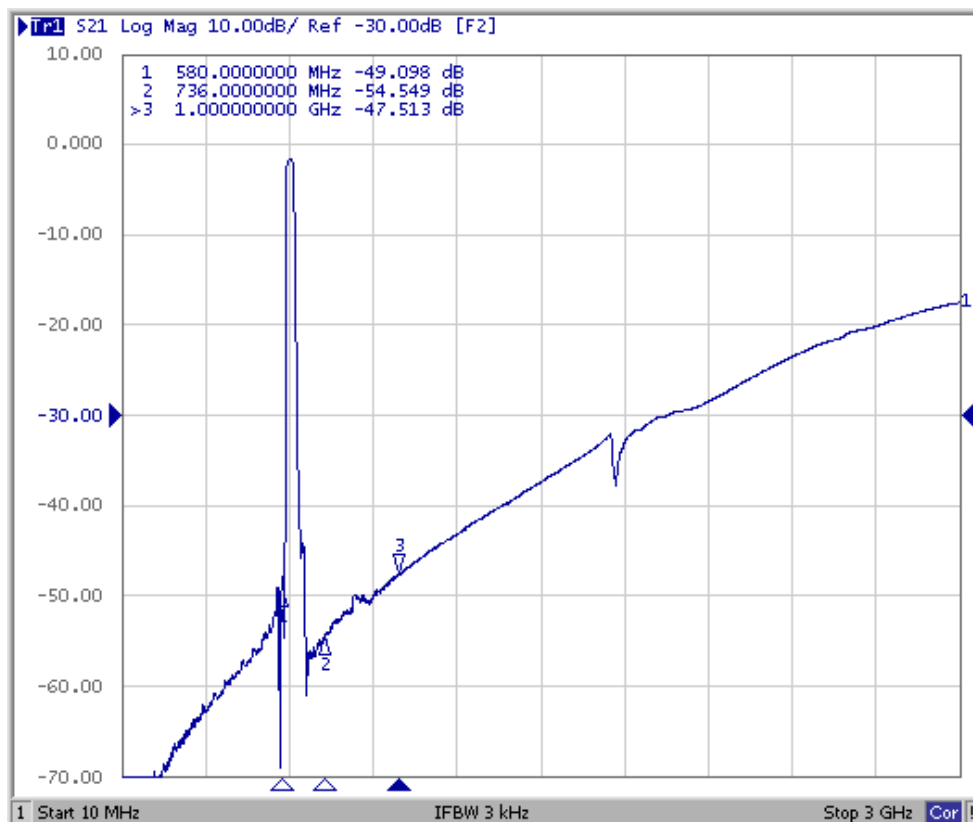
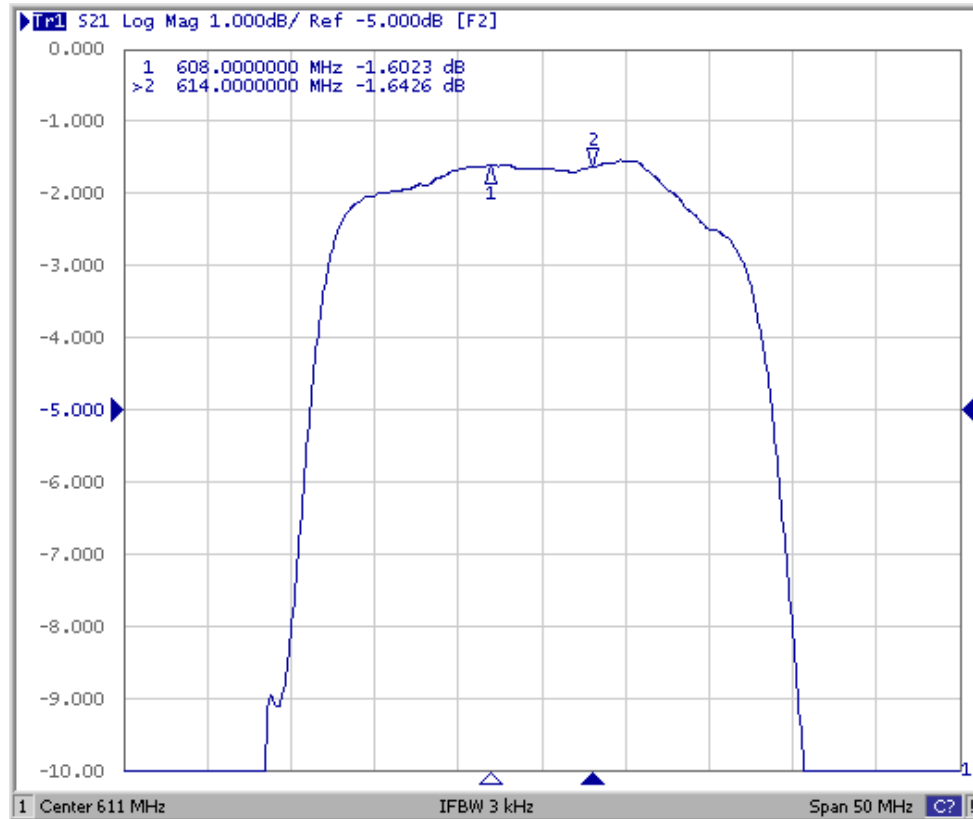
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

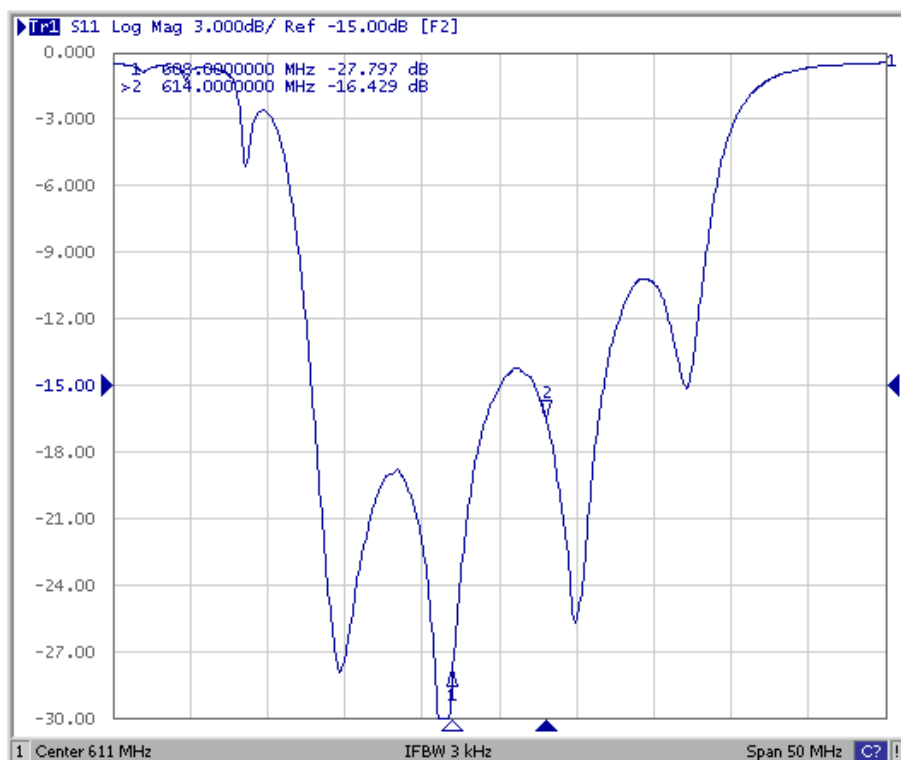


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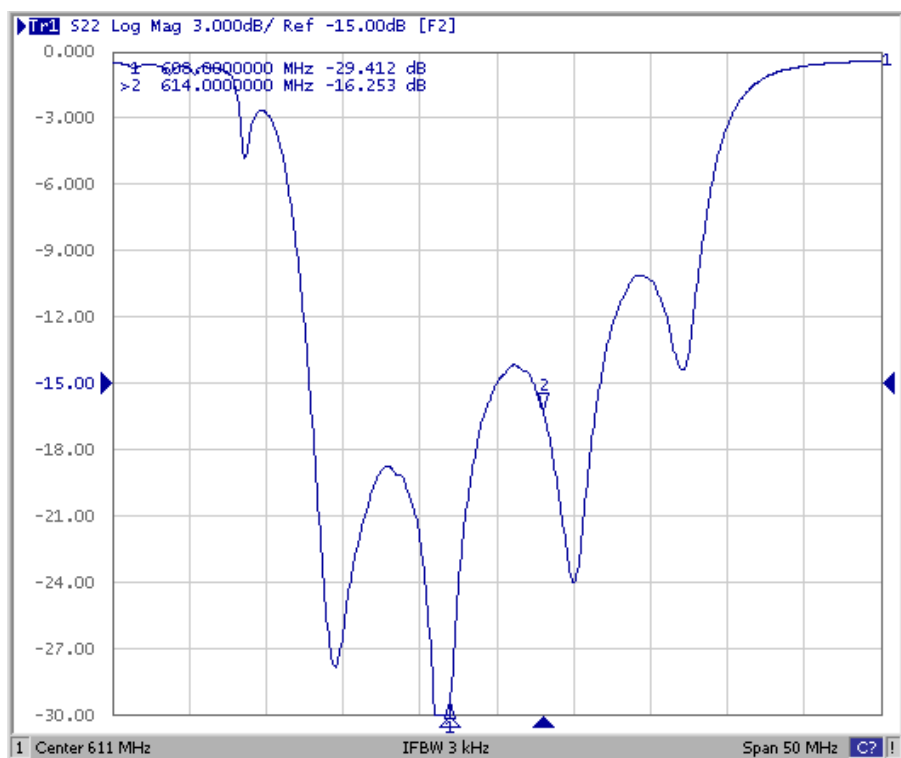
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Reflection Functions

S11



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H. RECOMMENDED REFLOW PROFILE:

