

SAW Filter 2477MHz

Model: TA1059A

Part No: MP02783

REV. NO: 1

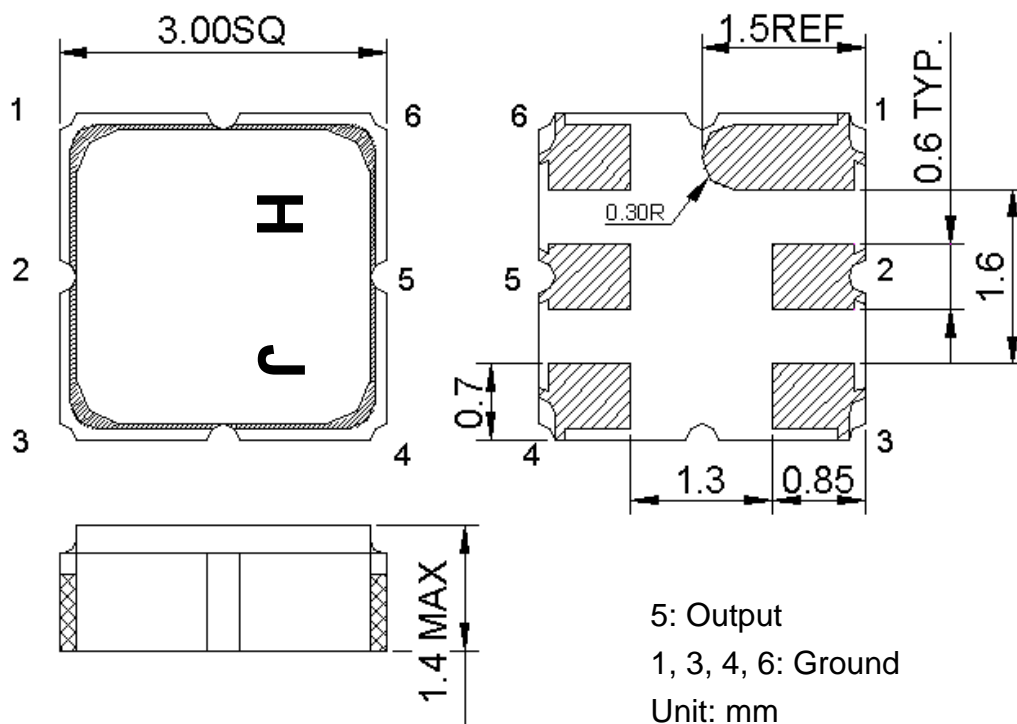
A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage: 3V
3. Operating Temperature: -5°C to +55°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2477	-	-
Insertion loss (2453~2500 MHz) IL	dB	-	2.7	4	-
Amplitude Ripple (2453~2500 MHz)	dB	-	1.4	2.5	-
Return Loss (2453~2500 MHz)	dB	9.2	14	-	-
Attenuation (Reference level from 0 dB)					
800 ~ 2170 MHz	dB	38	41	-	-
2170 ~ 2400 MHz	dB	30	35	-	-
2600 ~ 3000 MHz	dB	30	41	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

C. OUTLINE DRAWING:



5: Output
 1, 3, 4, 6: Ground
 Unit: mm

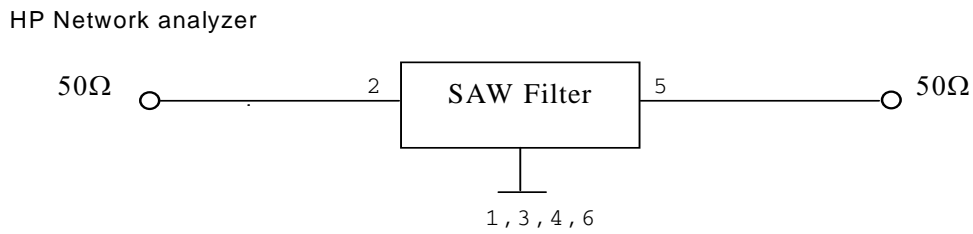
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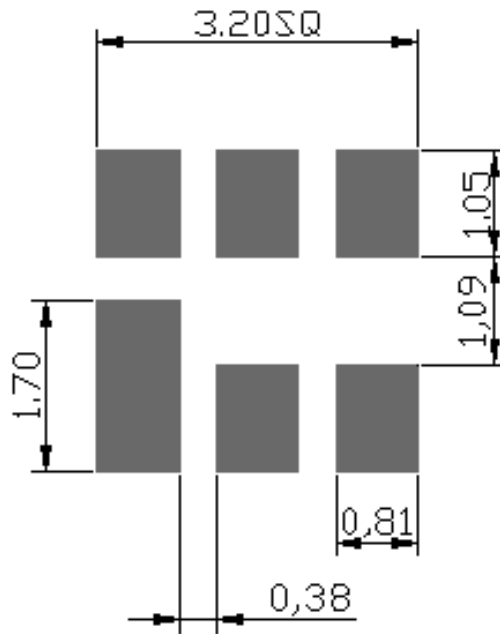
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D. MEASUREMENT CIRCUIT:



E. PCB FOOTPRINT:



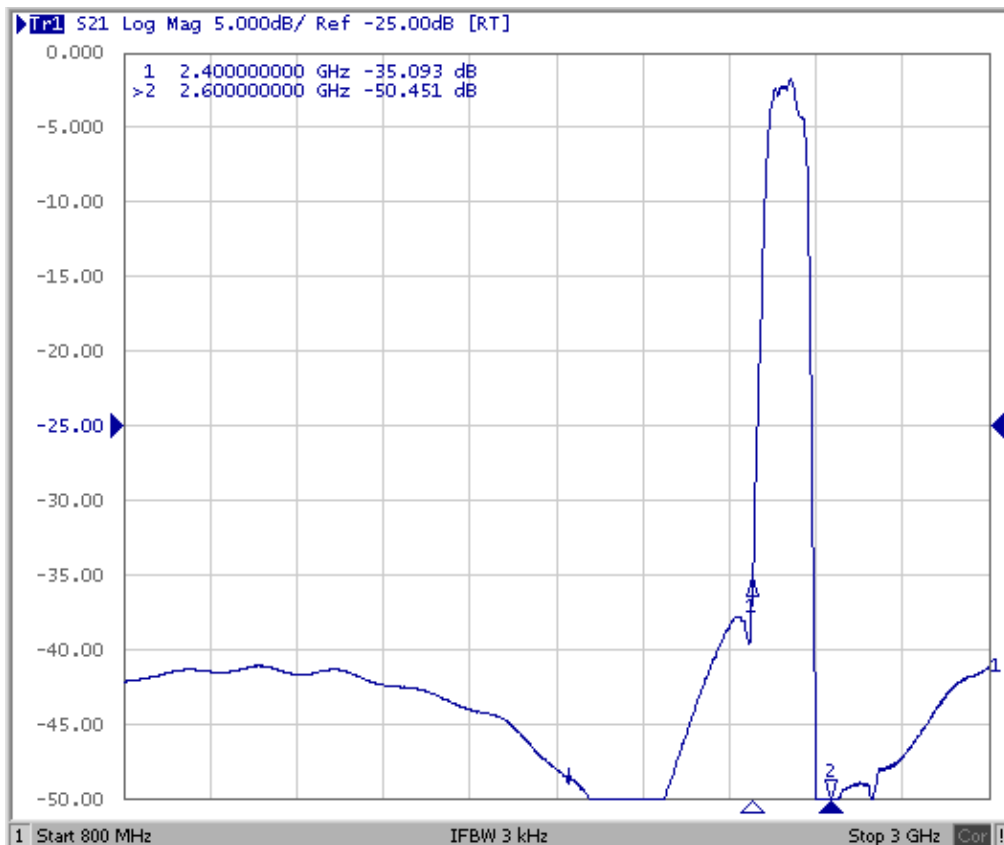
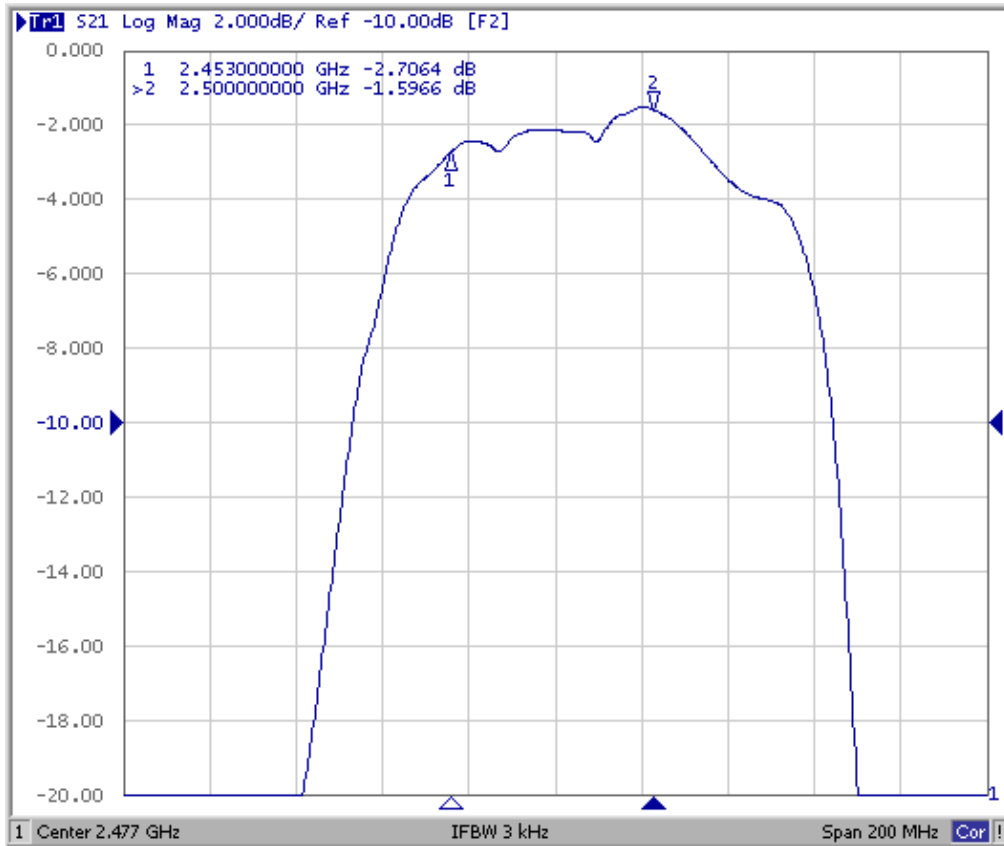
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F. FREQUENCY CHARACTERISTICS:

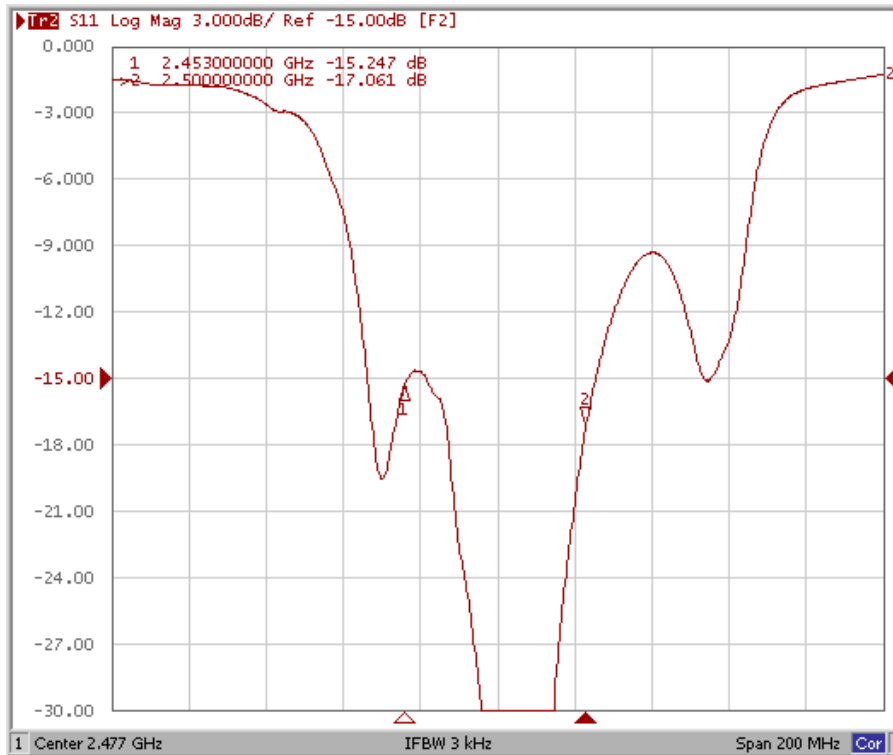


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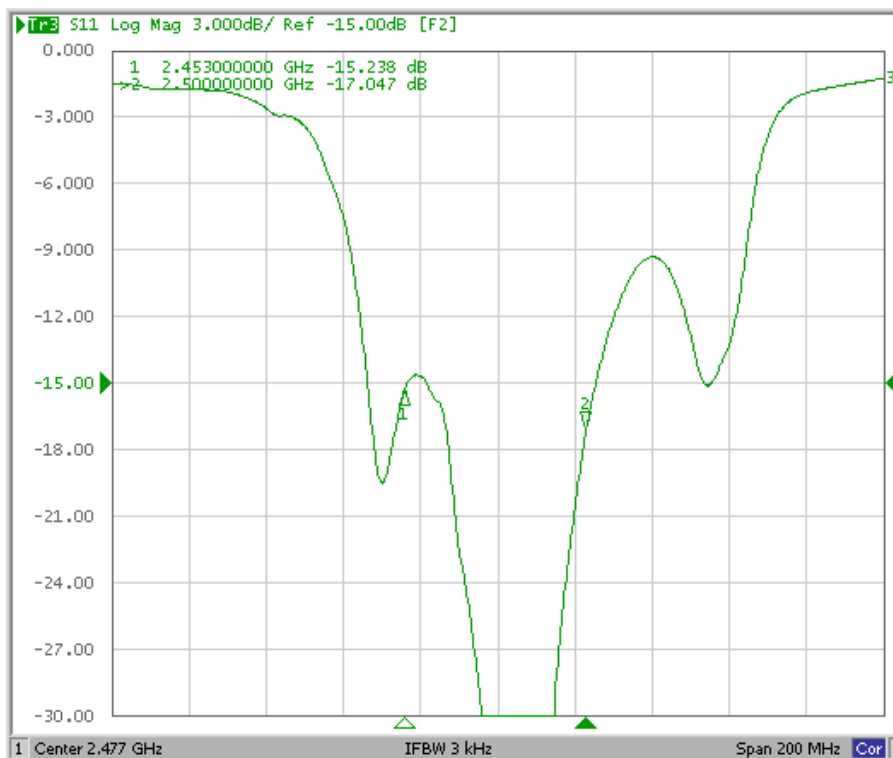
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Reflection Functions

S11



S22



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H. RECOMMENDED REFLOW PROFILE:

