

SAW Filter 2427MHz
Part No: MP03155

Model: TA1070A
Rev No: 1

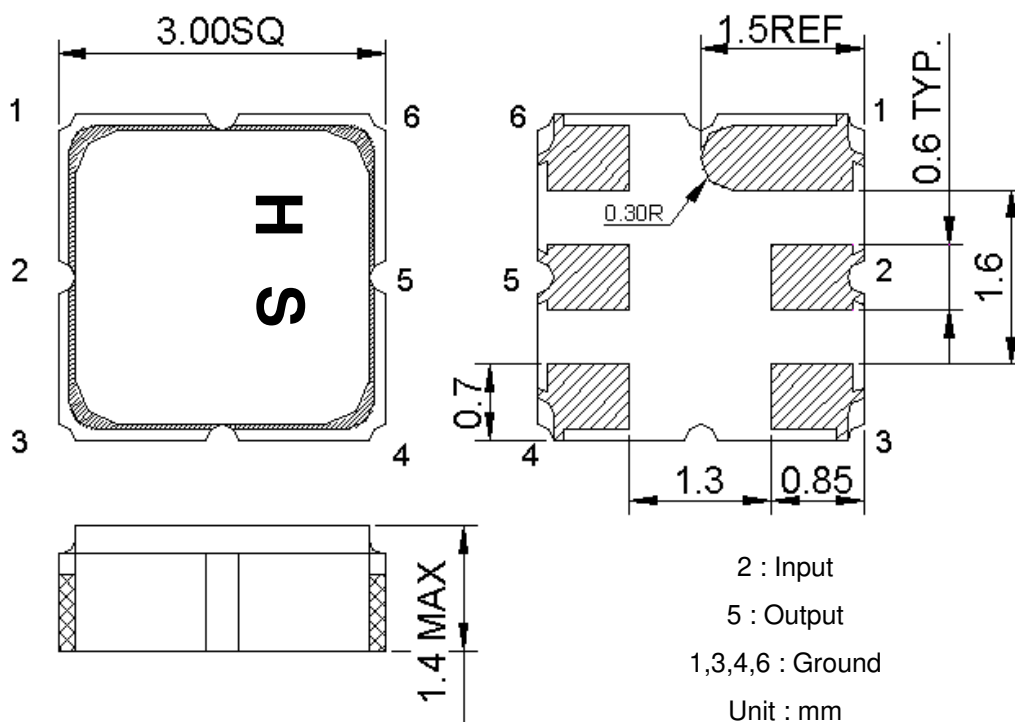
A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2427	-	-
Insertion loss (2400~2455 MHz) IL	dB	-	3	4	-
Amplitude Ripple (2400~2455 MHz)	dB	-	1.8	2.5	-
Return Loss (2400~2455 MHz)	dB	9.2	12	-	-
Attenuation (Reference level from 0 dB)					
800 ~ 1900 MHz	dB	30	33	-	-
1900 ~ 2250 MHz	dB	35	38	-	-
2496 ~ 2690 MHz	dB	30	43	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

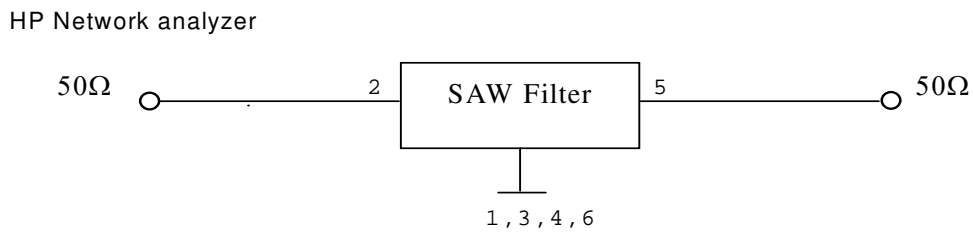
C. OUTLINE DRAWING:



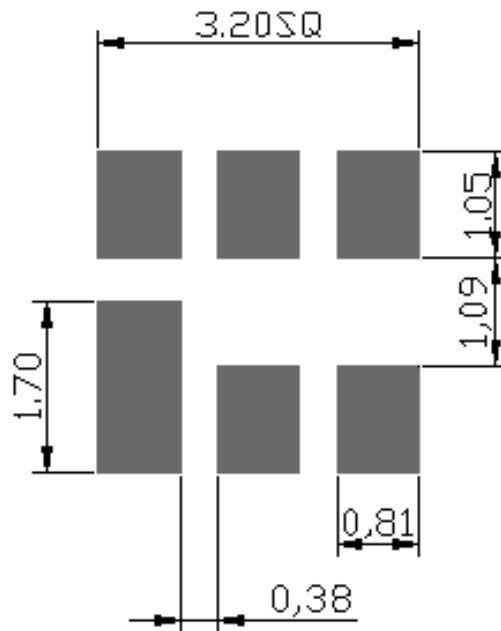
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D. MEASUREMENT CIRCUIT:



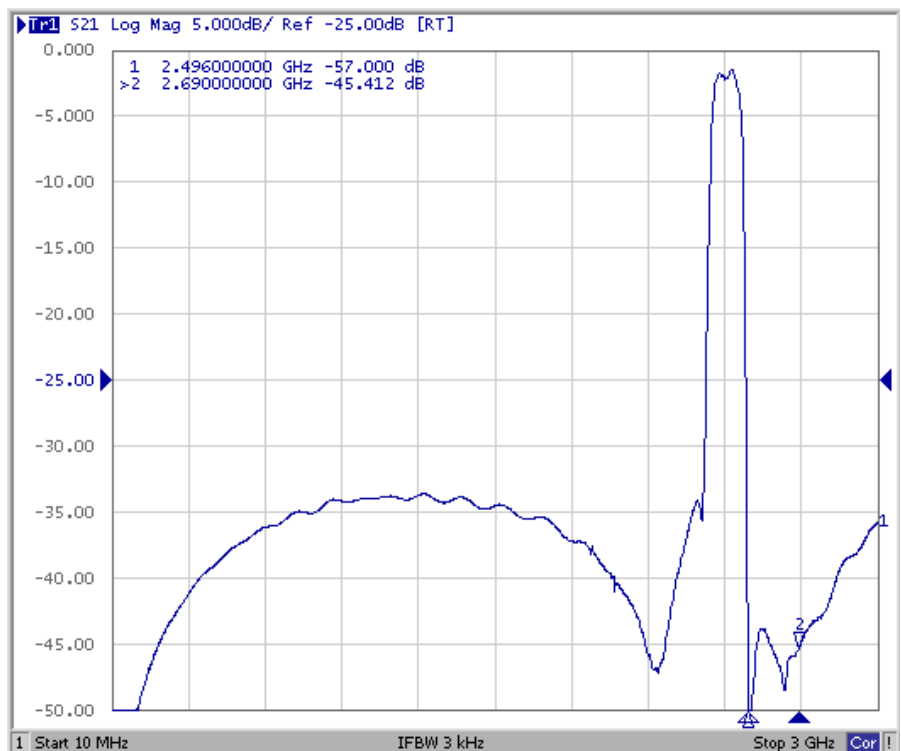
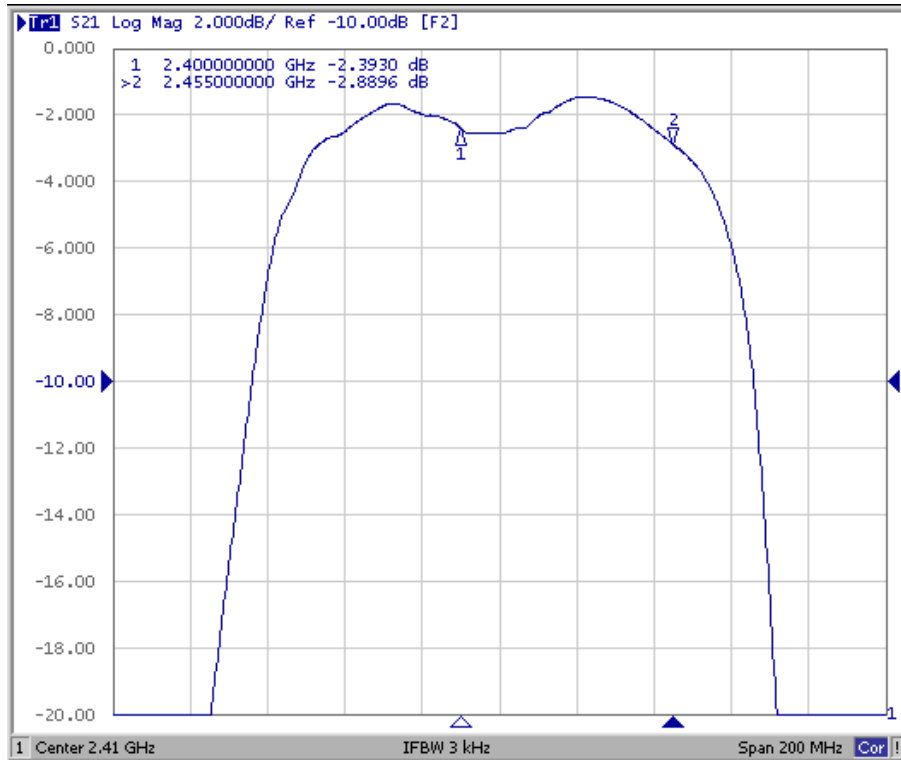
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

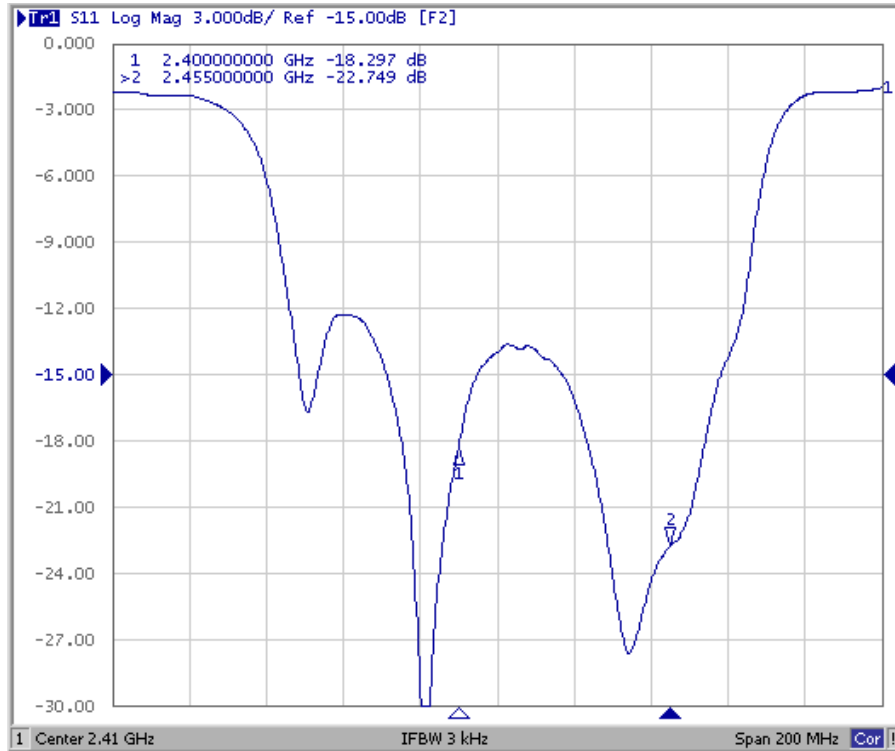


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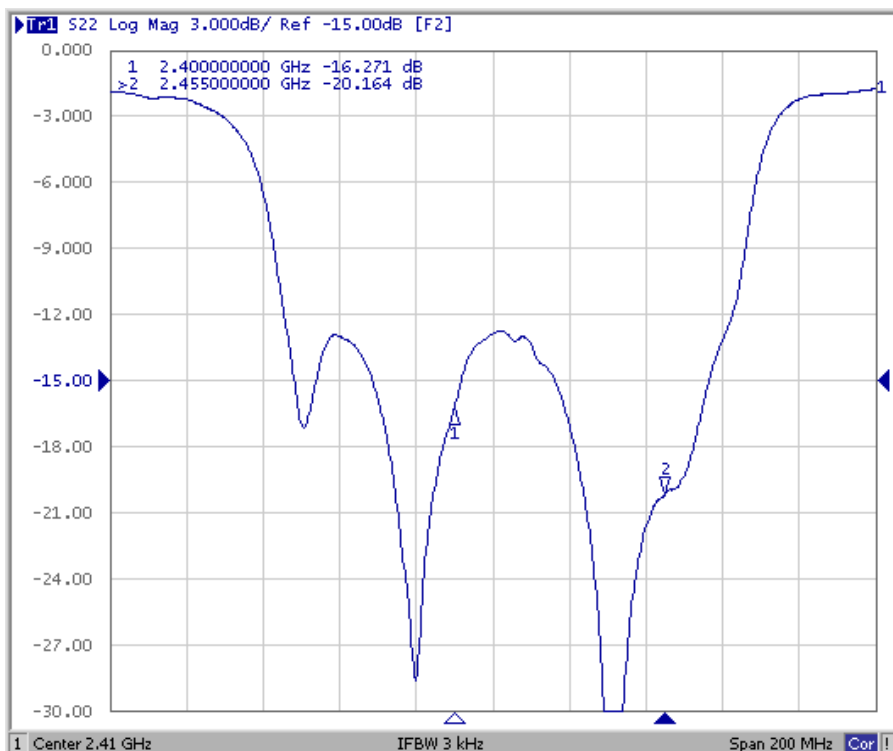
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Reflection Functions :

S11



S22



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H. RECOMMENDED REFLOW PROFILE :

