

SAW Filter 793MHz

Model: TA1131A

Part No: MP02446

REV NO.: 1

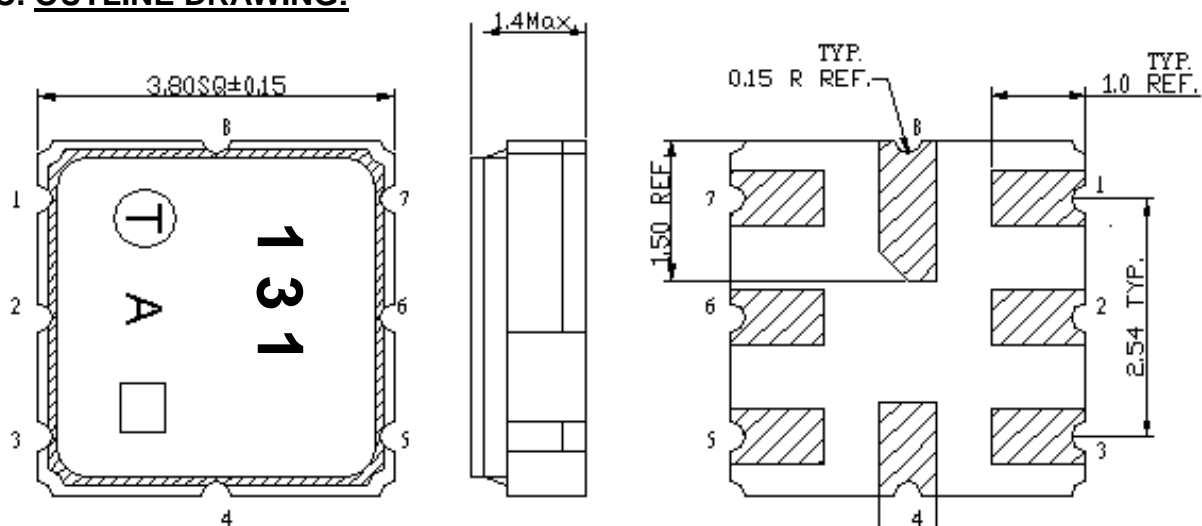
A. MAXIMUM RATING:

1. Input Power Level: +25 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	-	793	-	-
Insertion Loss (788~798 MHz) IL	dB	-	1.3	2.5	-
Amplitude Ripple (788~798 MHz)	dB	-	0.4	1.5	-
Return Loss (788~798 MHz)	dB	10	15	-	-
Attenuation (Reference level from 0 dB)					
0 ~ 700 MHz	dB	30	41	-	-
758 ~ 768 MHz	dB	45	57	-	-
848 ~ 890 MHz	dB	35	43	-	-
1000 ~ 2000 MHz	dB	25	42	-	-

C. OUTLINE DRAWING:



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

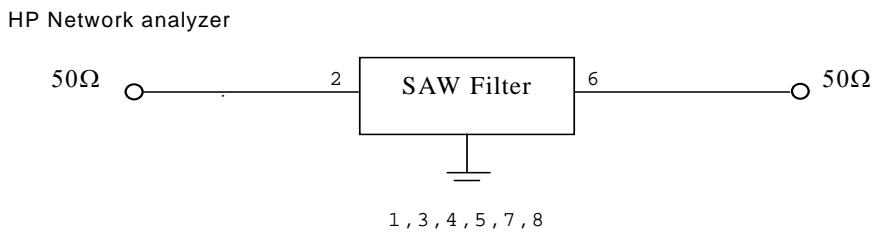
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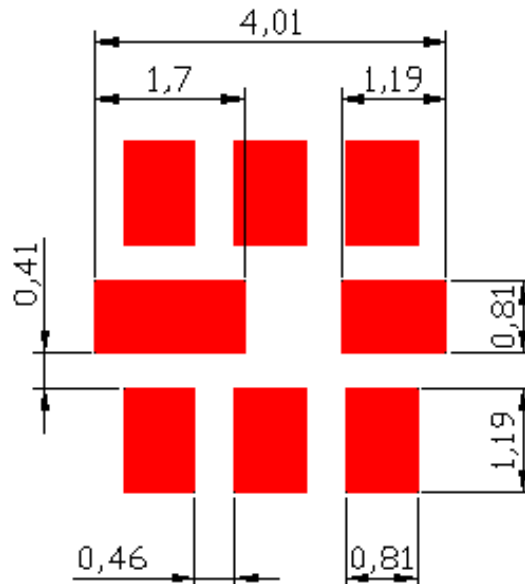
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D. MEASUREMENT CIRCUIT:



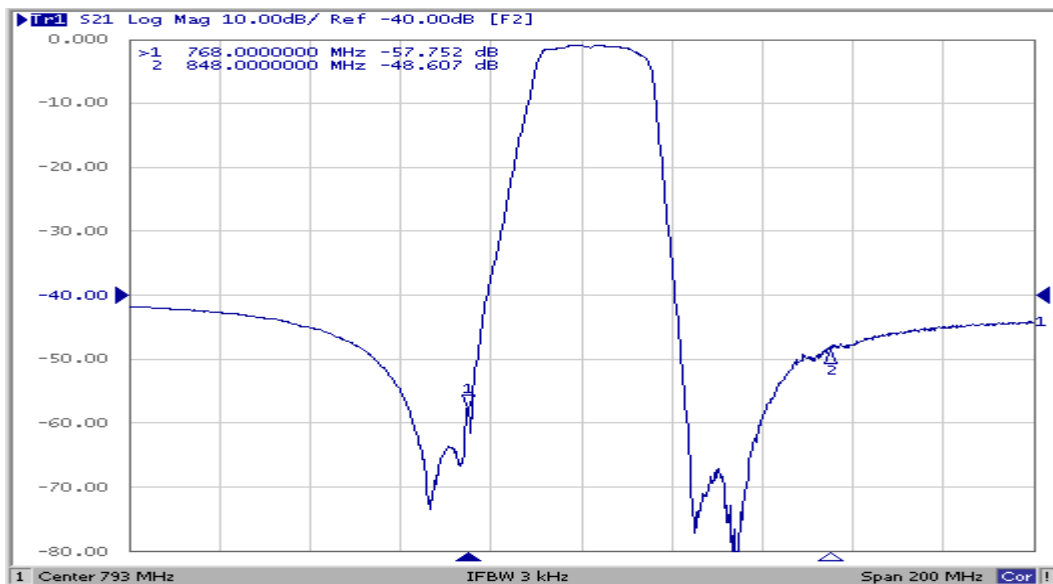
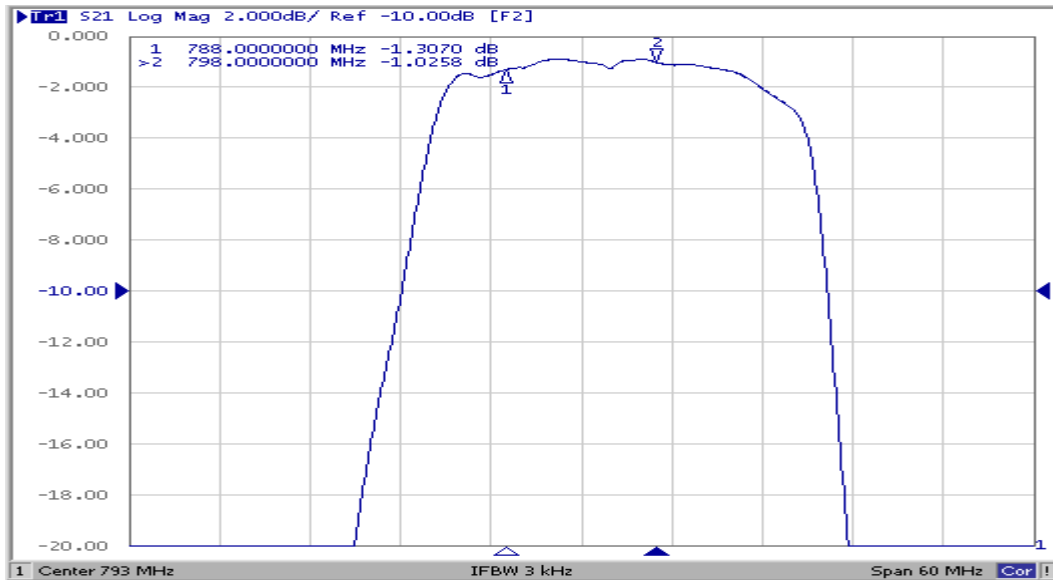
E. PCB FOOTPRINT:



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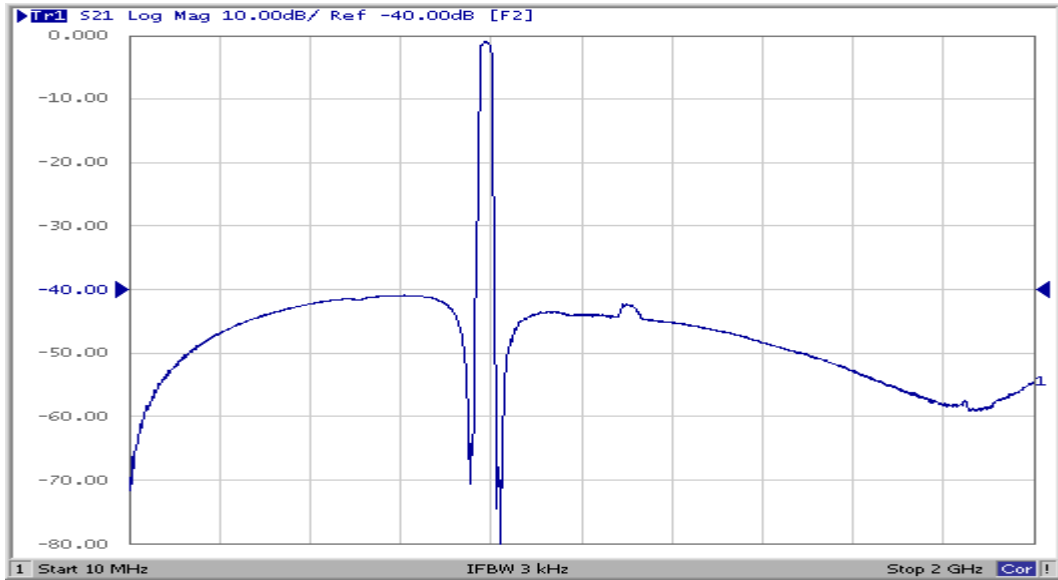
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F. FREQUENCY CHARACTERISTICS:



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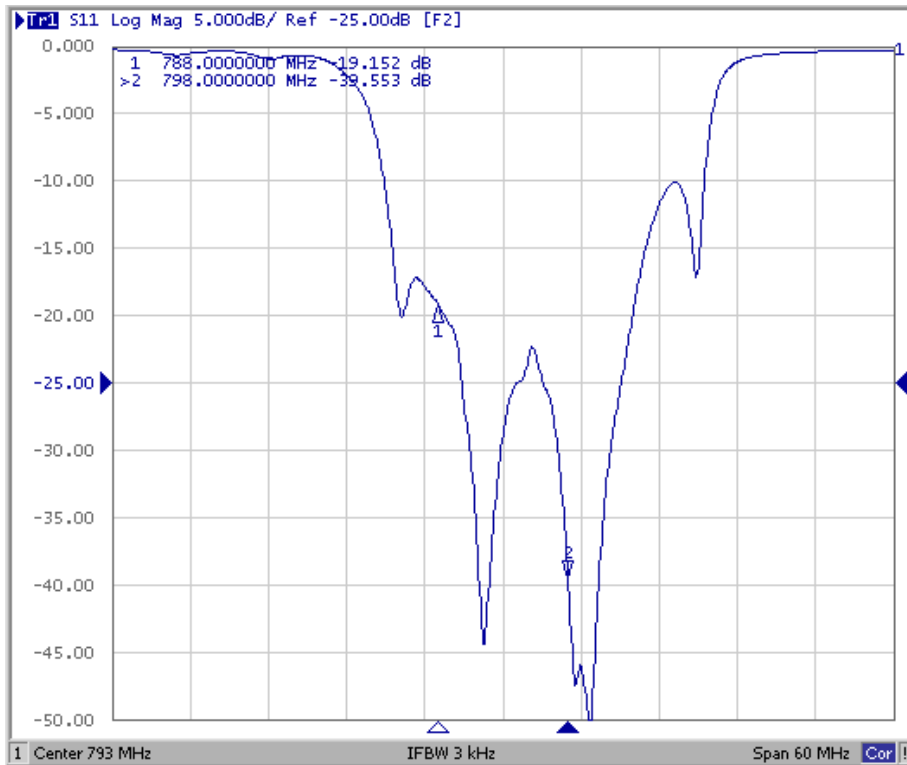


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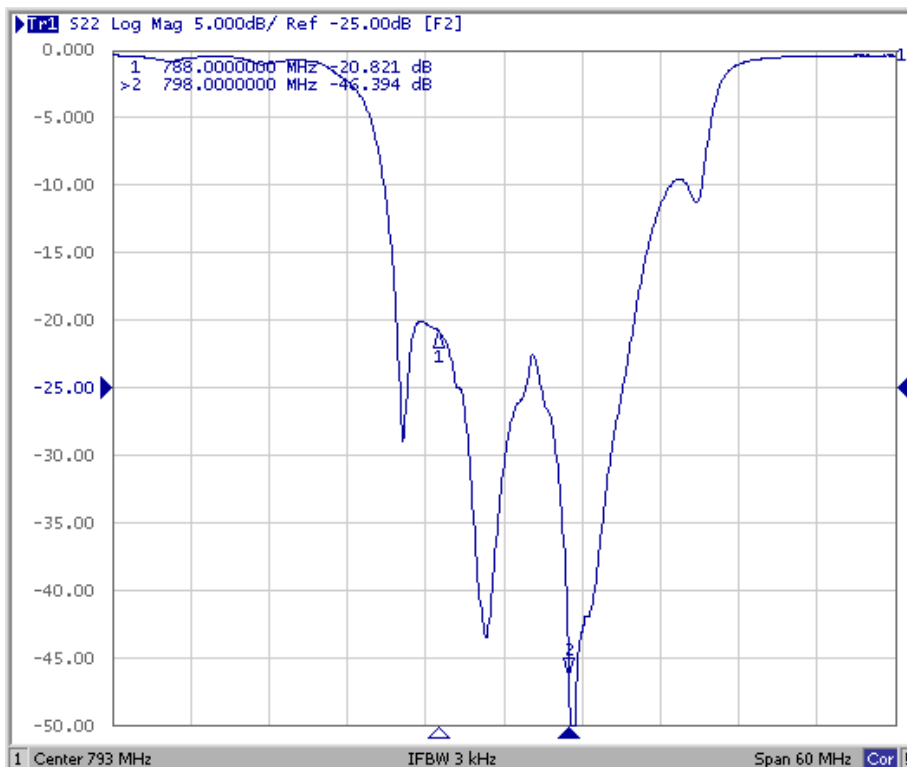
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Reflection Functions:

S11



S22



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H. RECOMMENDED REFLOW PROFILE:

