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Somerset, TA19 9DQ, UK

SAW Filter 1561.0MHz — Model: TA0967A
Part No: MP04052 — Rev No: 1

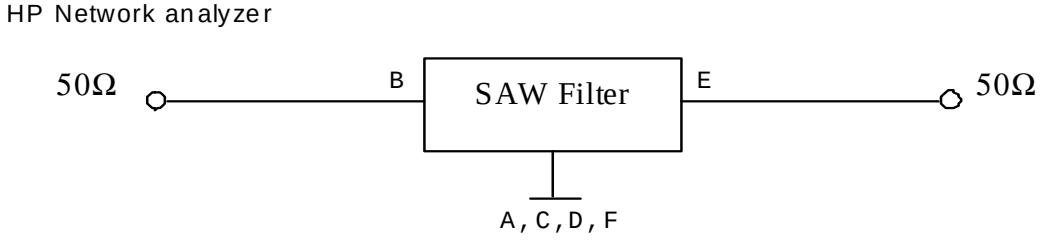
A. MAXIMUM RATING:

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

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1561	-	-
Insertion loss (1550.5 ~ 1571.5MHz) IL	dB	-	3.3	4	-
Amplitude ripple (1550.5 ~ 1571.5MHz)	dB	-	0.5	2	-
VSWR (1550.5 ~ 1571.5MHz)		-	1.5	2	-
Attenuation (Reference level from 0dB)					
Fc-500 to Fc-100 MHz	dB	45	49	-	-
Fc-100 to Fc-60 MHz	dB	40	45	-	-
Fc-60 to Fc-40 MHz	dB	20	32.5	-	-
Fc+40 to Fc+60 MHz	dB	20	26	-	-
Fc+60 to Fc+80 MHz	dB	35	43	-	-
Fc+80 to Fc+500 MHz	dB	45	50	-	-

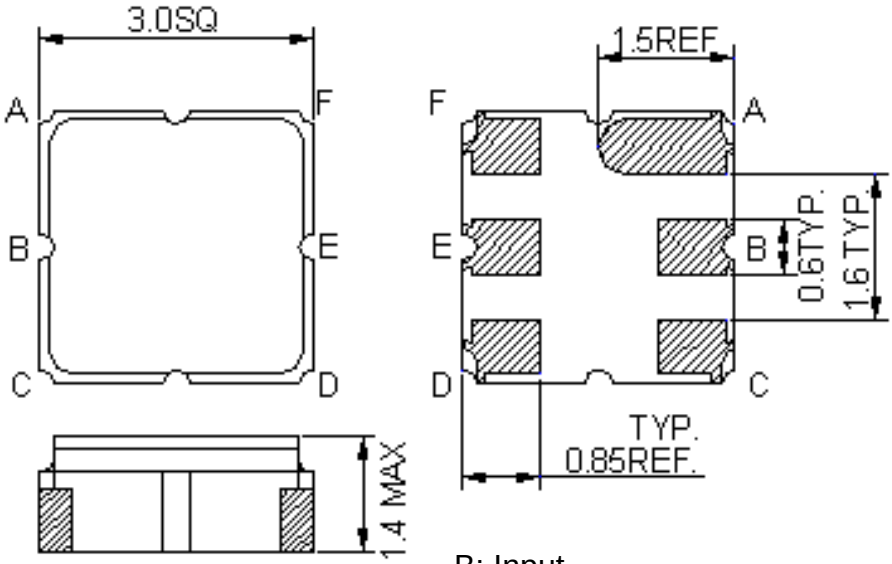
C. MEASUREMENT CIRCUIT:



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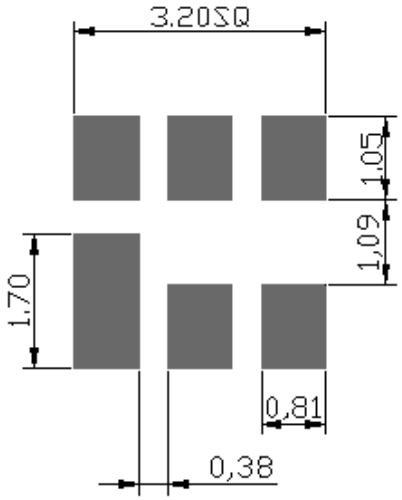
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D. OUTLINE DRAWING:



B: Input
E: Output
A, C, D, F: Ground
Unit: mm

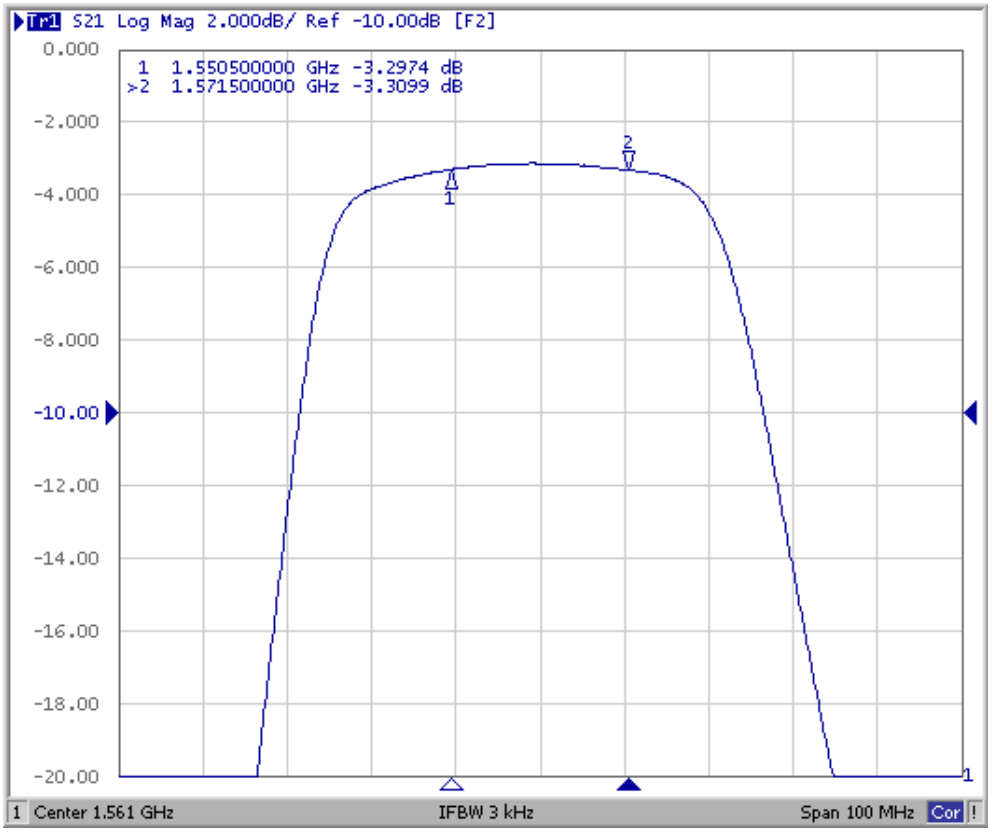
E. PCB FOOTPRINT:

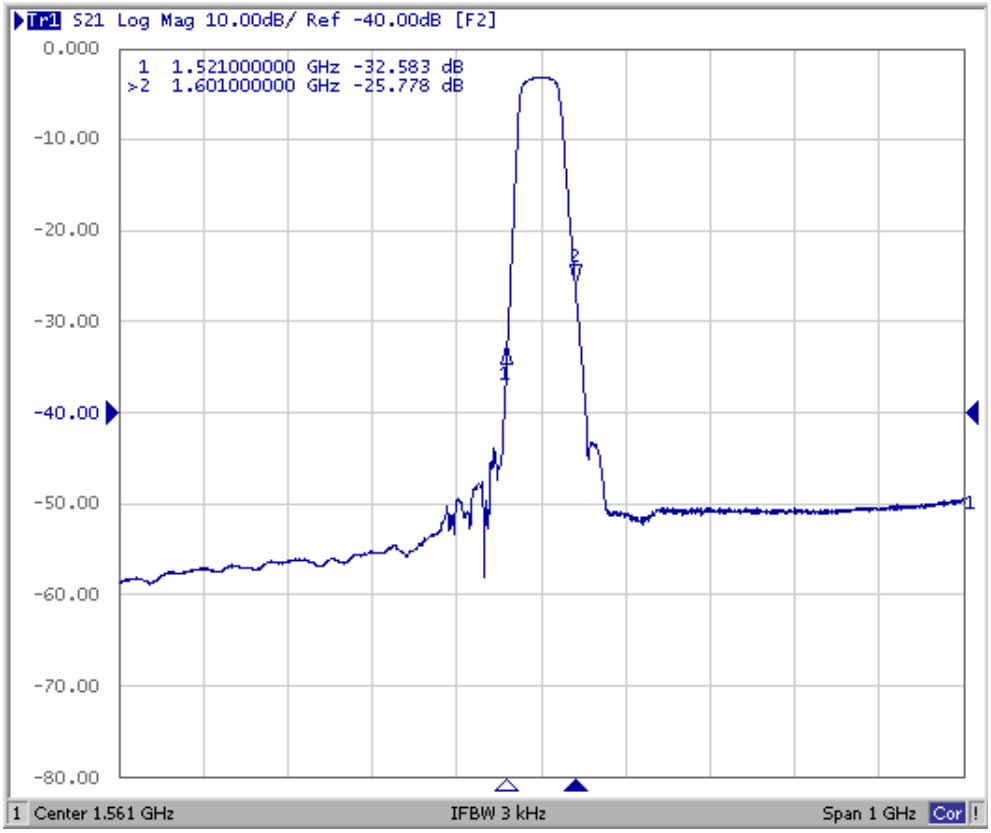


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F. FREQUENCY CHARACTERISTICS:



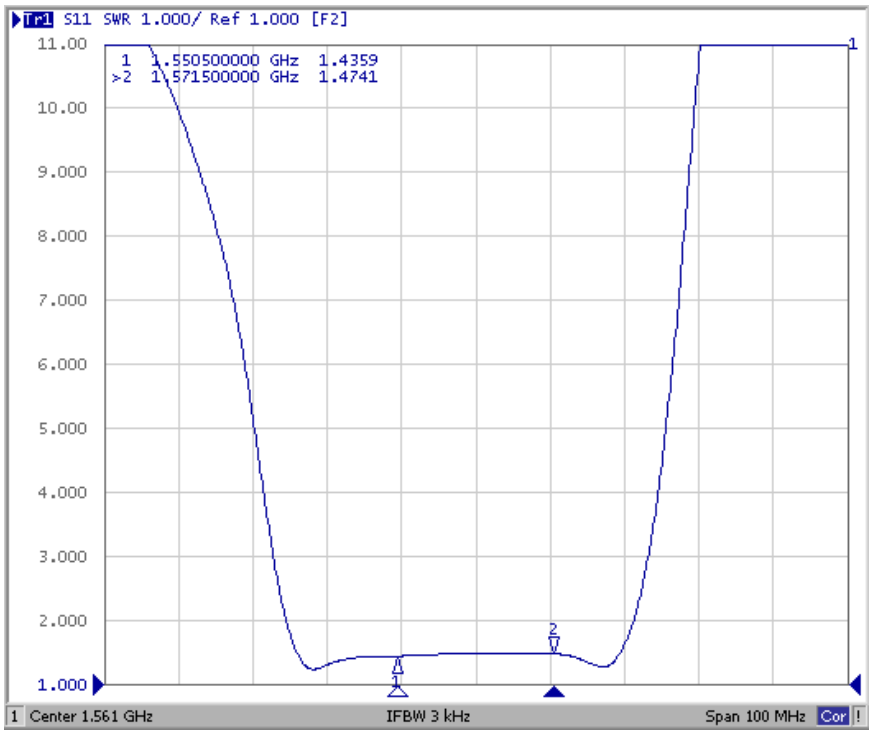


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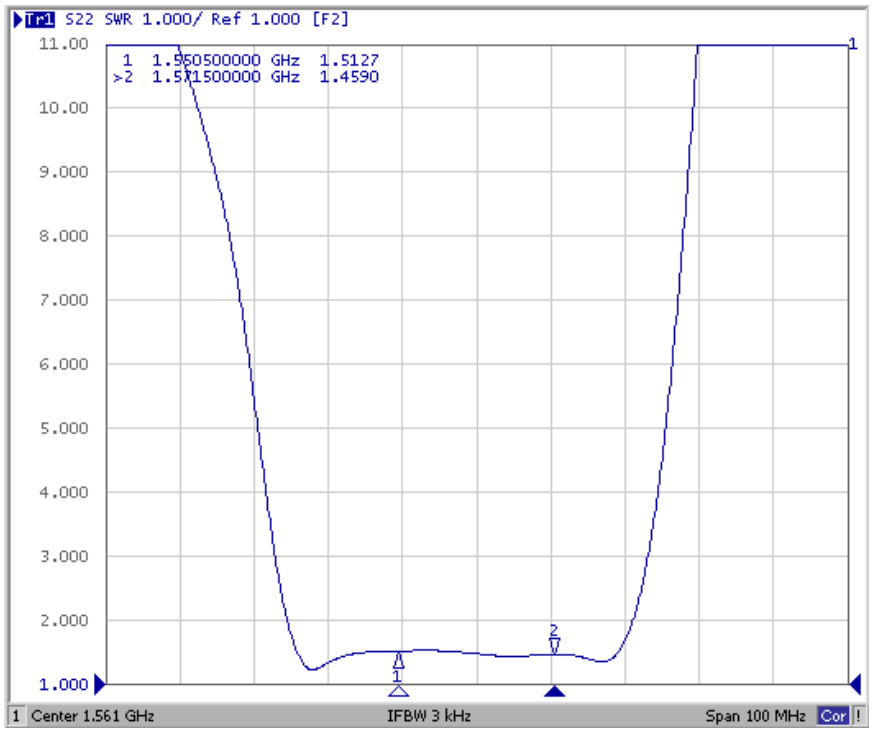
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Reflection Functions

S11



S22



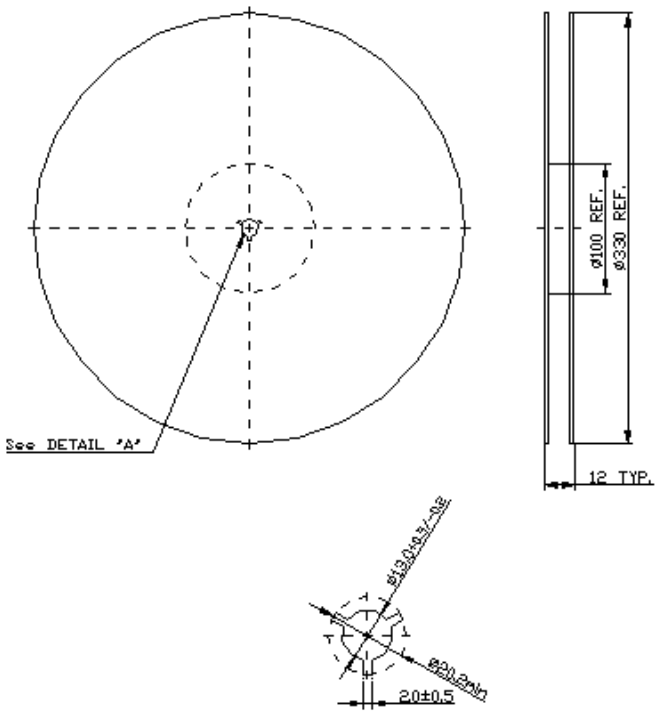
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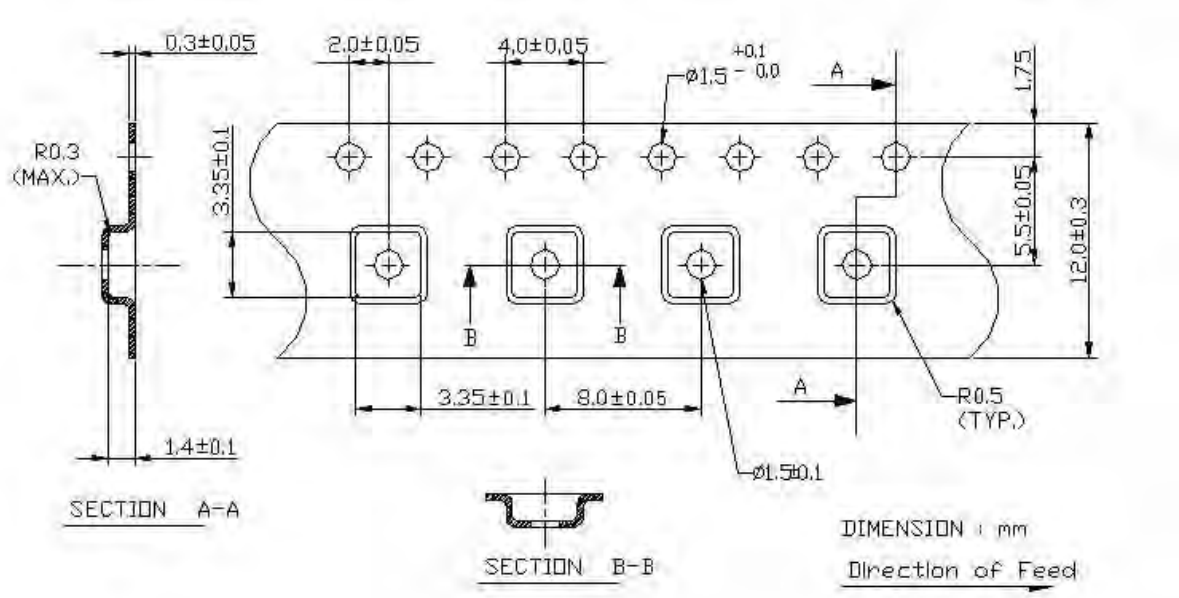
G. PACKING:

1. Reel Dimension

(Reel Count: 7” = 1000; 13” = 3000)



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

