

SAW Filter 1370.0MHz

Model: TA0921A

Part No: MA09311

Rev. No: 1

A. MAXIMUM RATING:

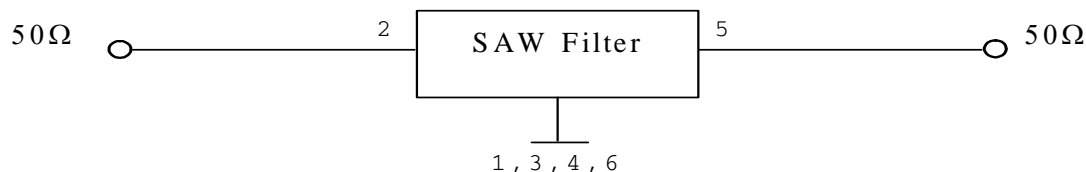
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +75°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1370	-	-
Insertion Loss (1350 ~ 1390MHz) IL	dB	-	3.3	4.2	-
Amplitude Ripple (1350 ~ 1390MHz)	dB	-	1.1	2.3	-
Return Loss (1350 ~ 1390MHz)	dB	8	13	-	-
Attenuation (Reference level from 0dB)					
D.C. ~ 1310 MHz	dB	30	52	-	-
1310 ~ 1320 MHz	dB	20	45	-	-
1420 ~ 1440 MHz	dB	13	28.5	-	-
1440 ~ 2800 MHz	dB	30	38	-	-

C. MEASUREMENT CIRCUIT:

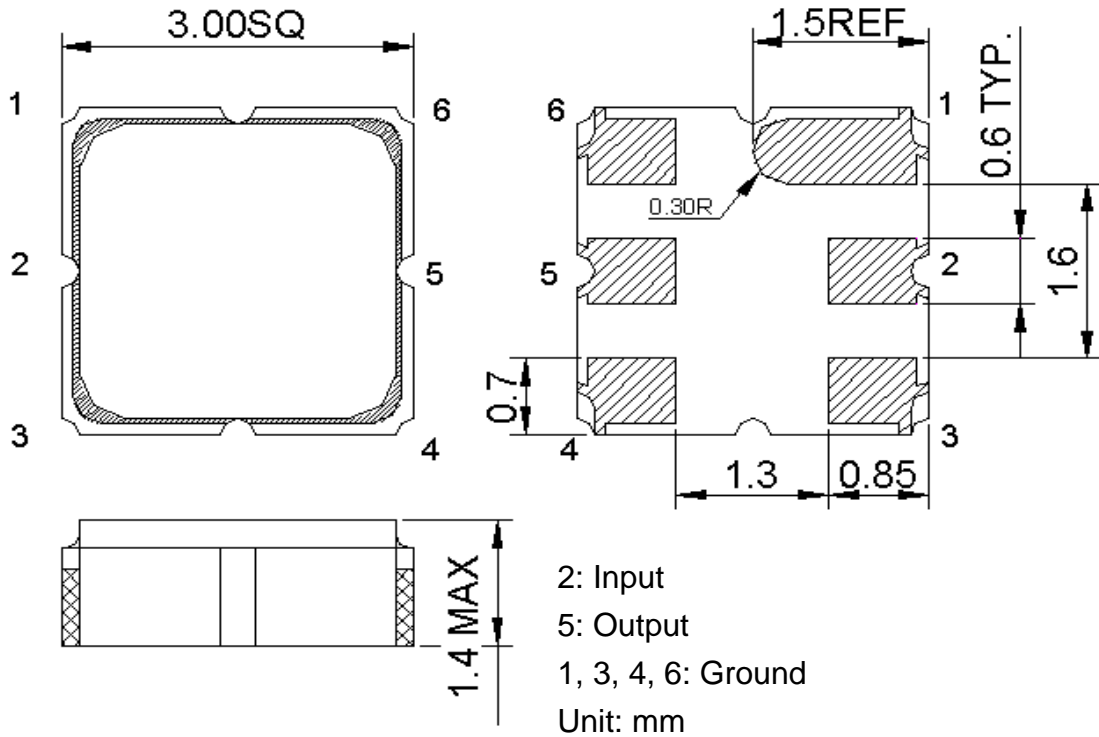
HP Network analyzer



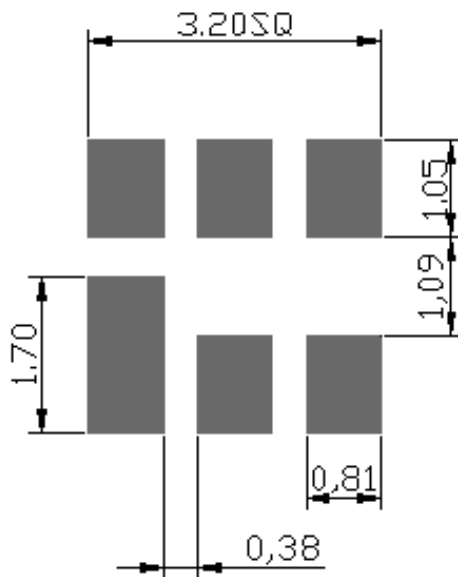
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D. OUTLINE DRAWING:



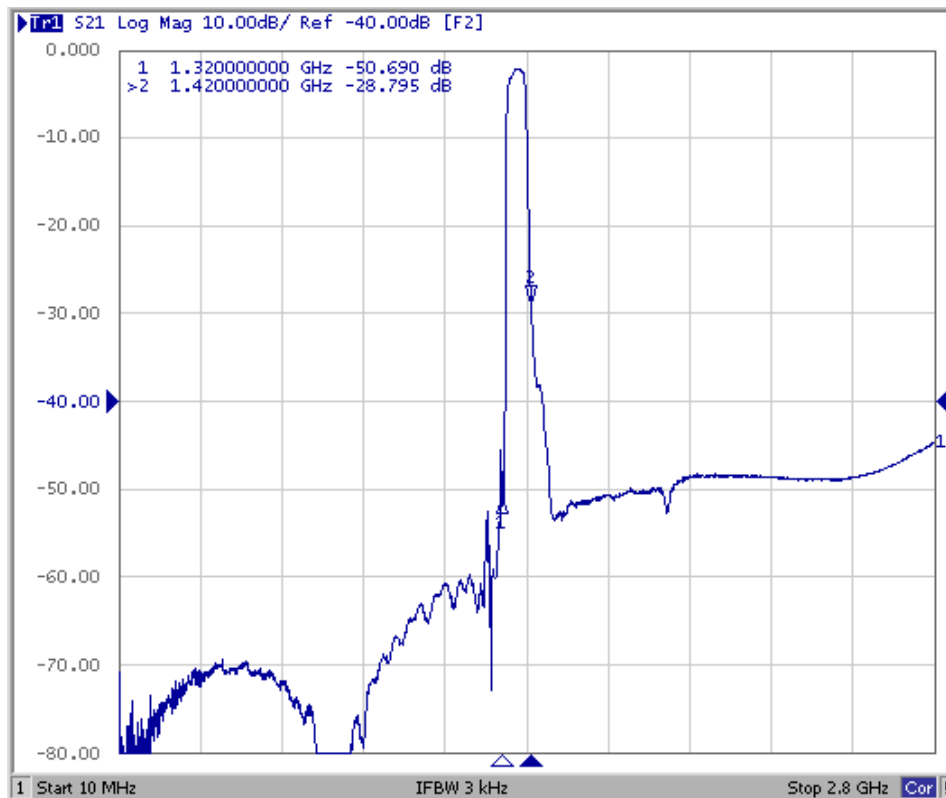
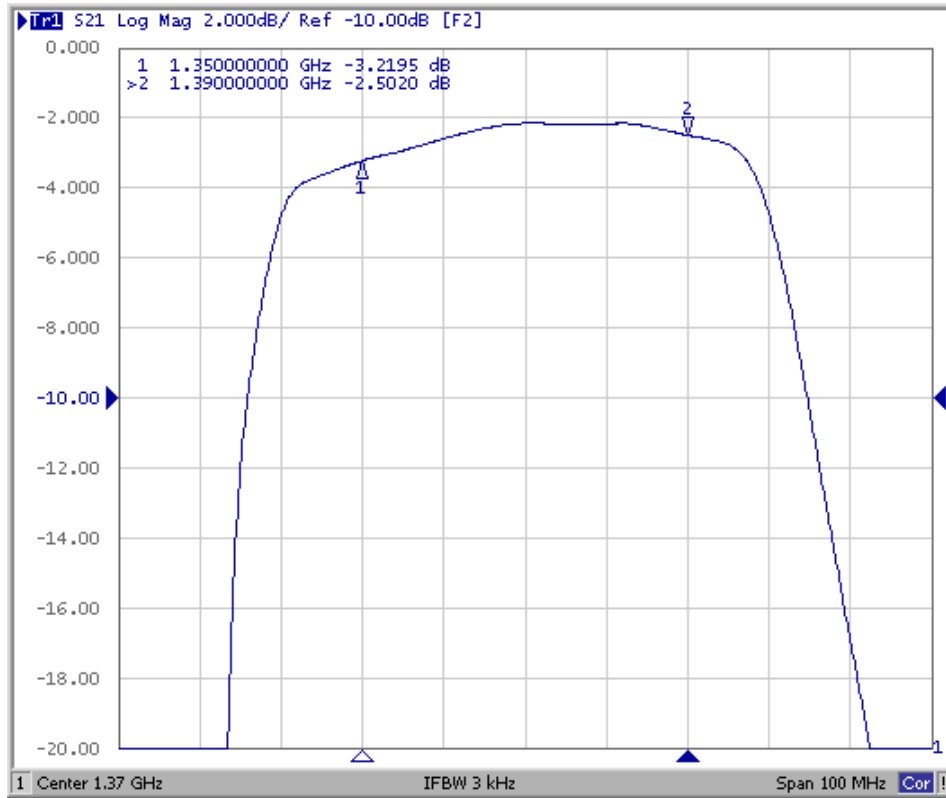
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

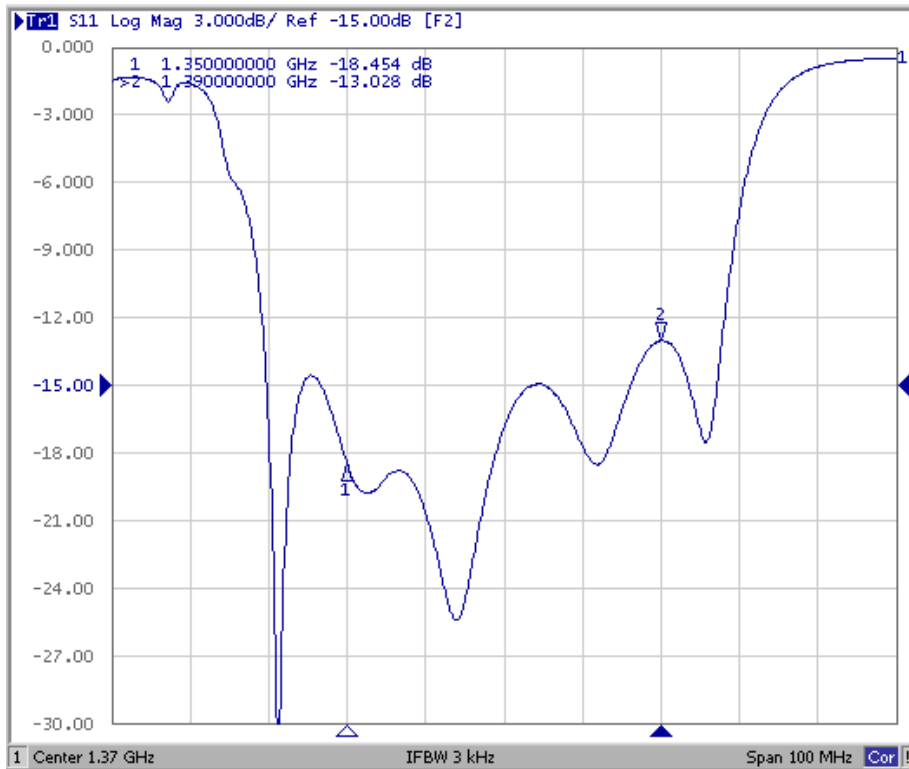


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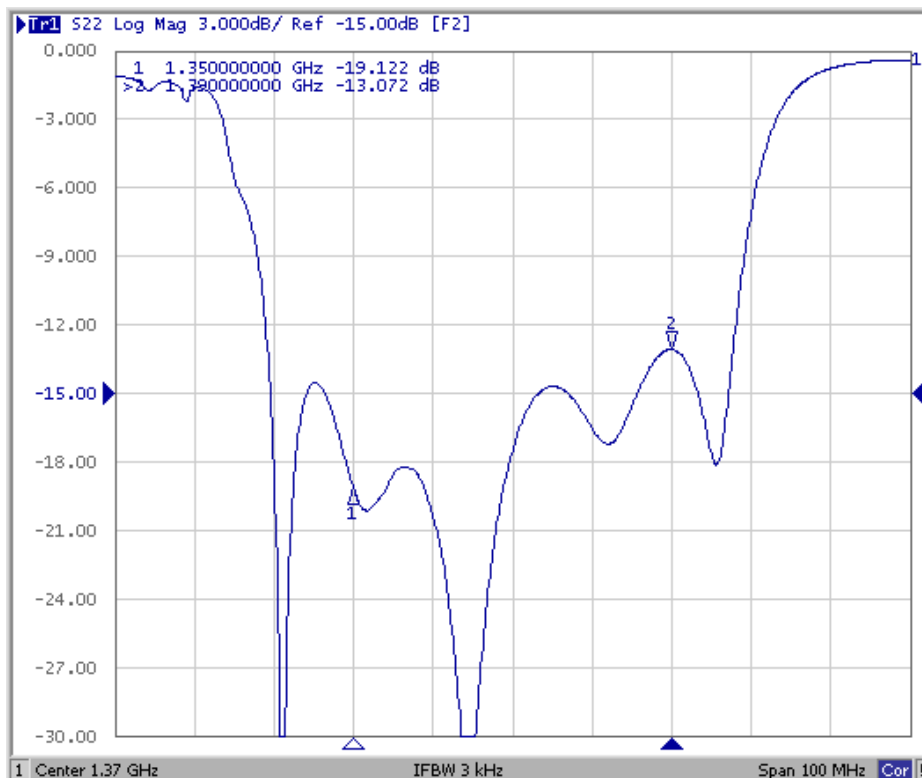
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Reflection Functions

S11



S22

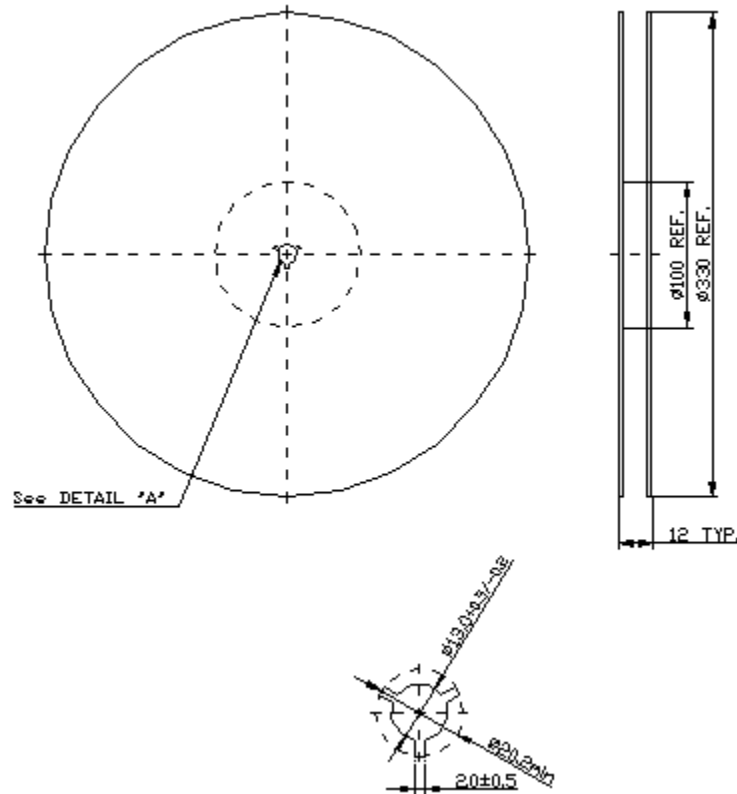


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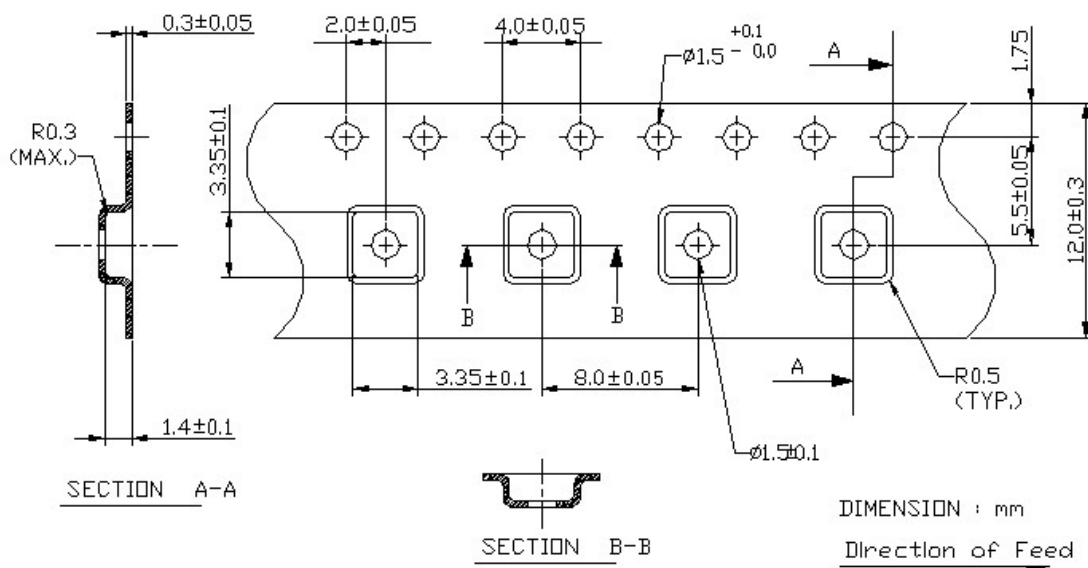
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G. PACKING:

1. Reel Dimension (Reel Count: 7" = 1000; 13" = 3000)



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

