

SAW Filter 2122.5MHz
Part No: MP03101

Model: TA0743A
Rev No: 2

A. MAXIMUM RATING:

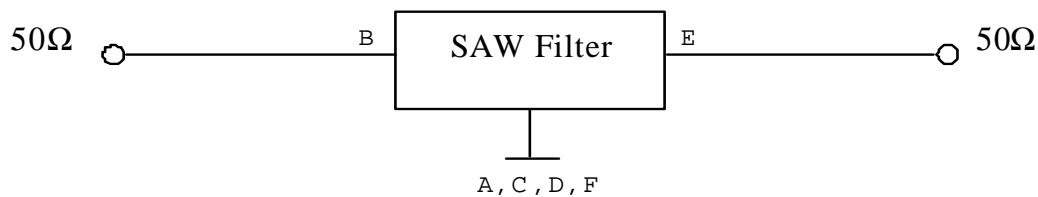
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2122.5	-	-
Insertion Loss (2115 ~ 2130MHz) IL	dB	-	2.1	3	-
Amplitude Ripple (2115 ~ 2130MHz)	dB	-	0.3	1.3	-
VSWR (2115 ~ 2130MHz)		-	1.4	2.5	-
Attenuation (Reference level from 0dB)					
1900 ~ 2050MHz	dB	33	36	-	-
2180 ~ 2300MHz	dB	35	45	-	-

C. MEASUREMENT CIRCUIT:

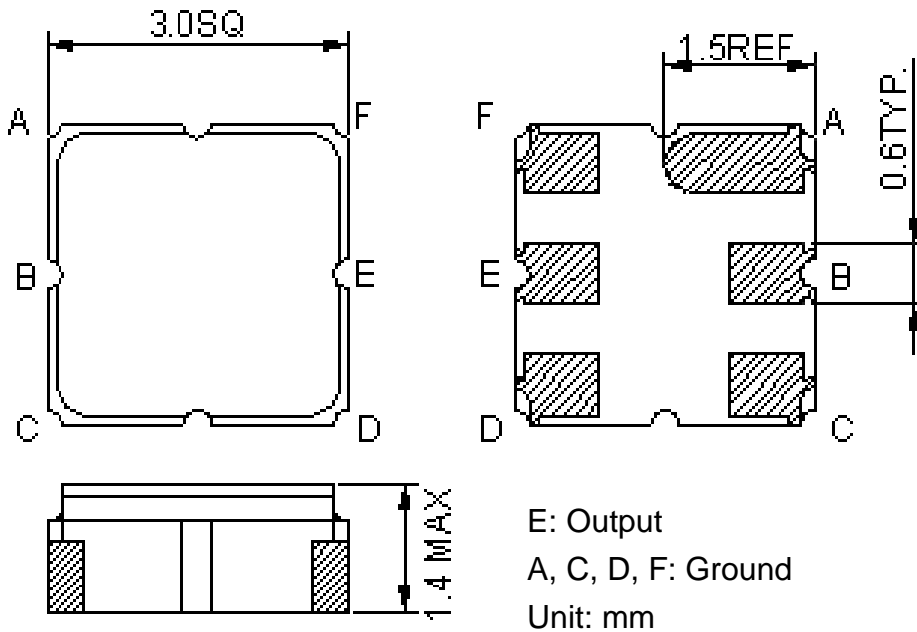
HP Network analyzer



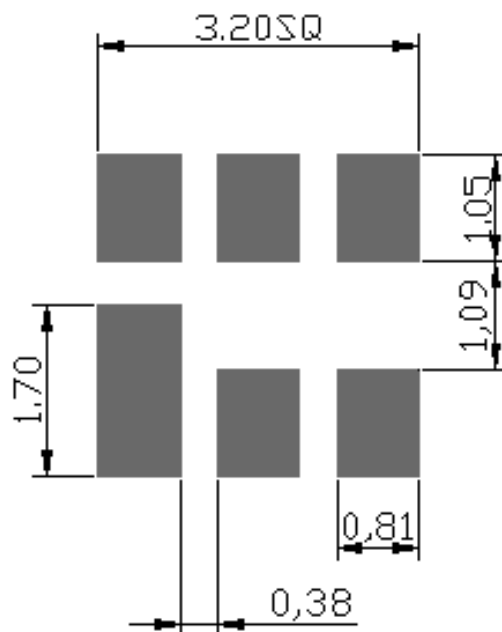
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D. OUTLINE DRAWING:



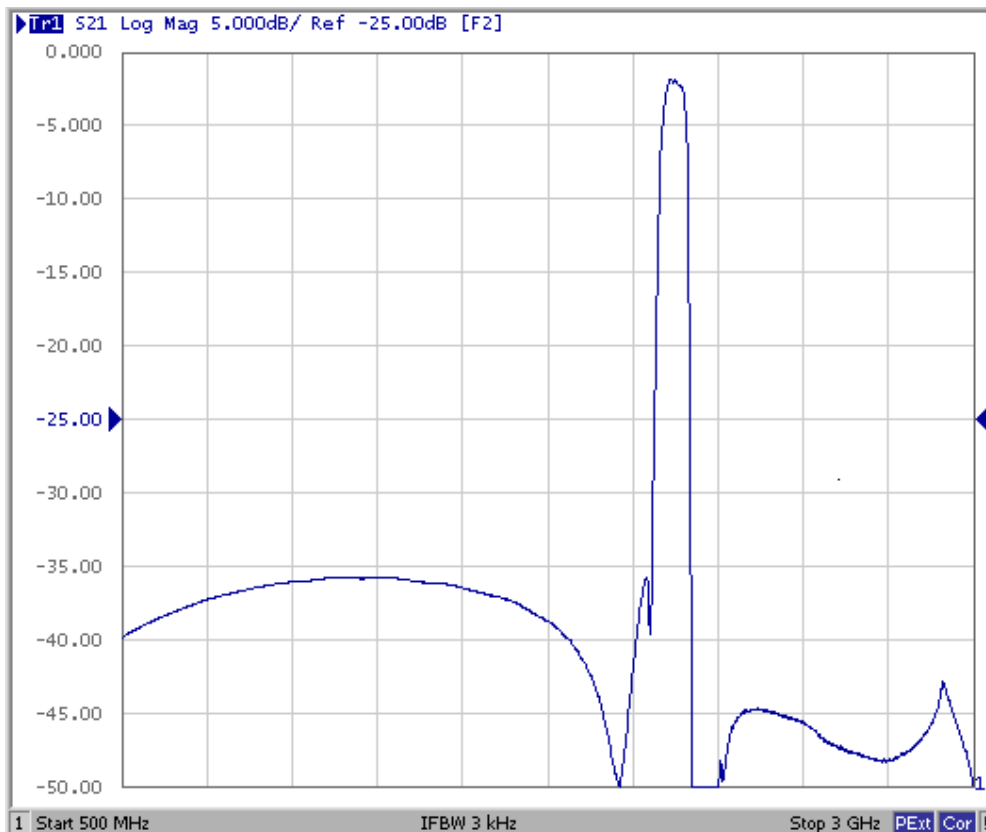
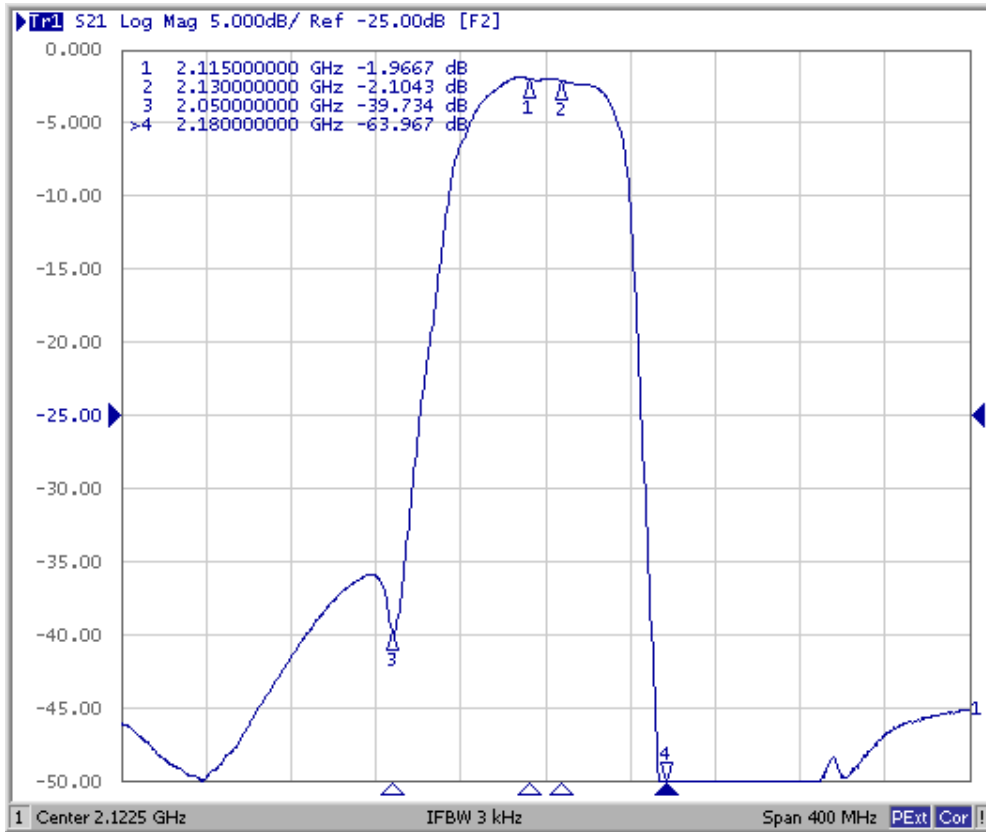
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

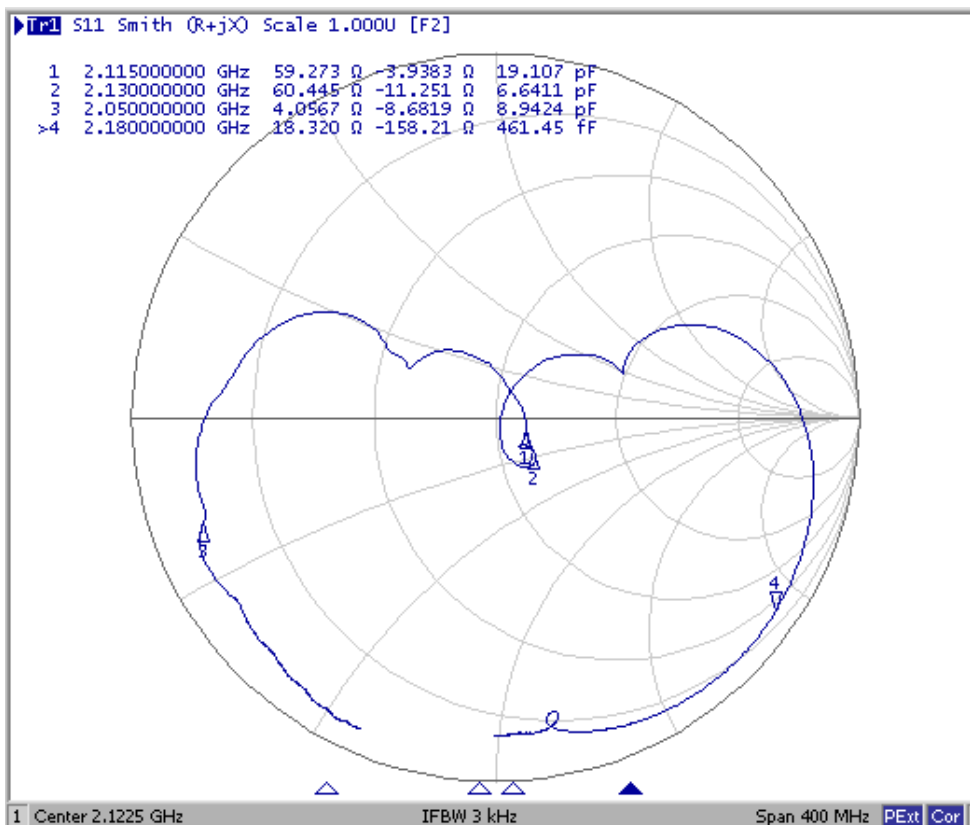
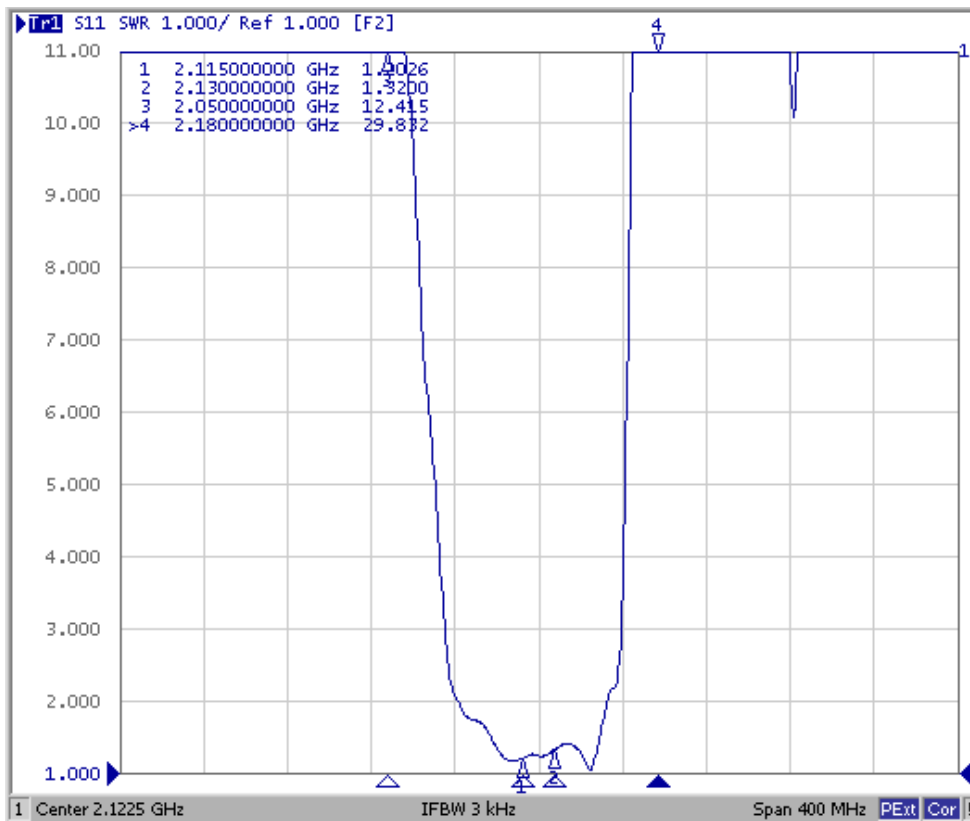


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Reflection Functions

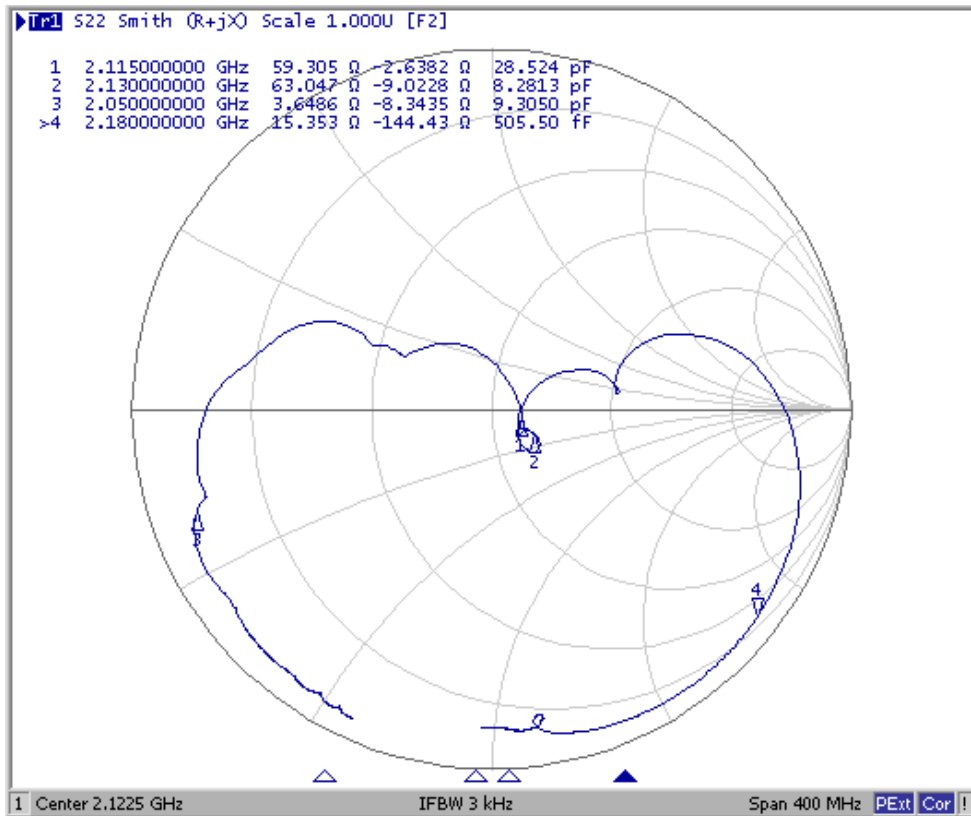
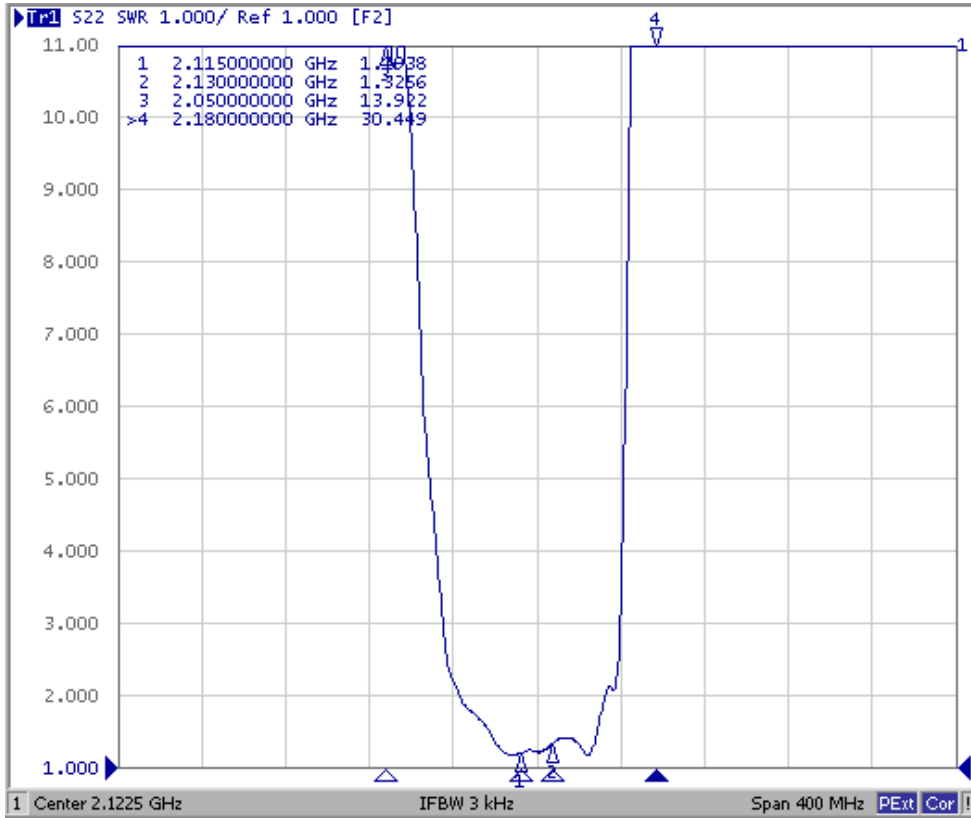
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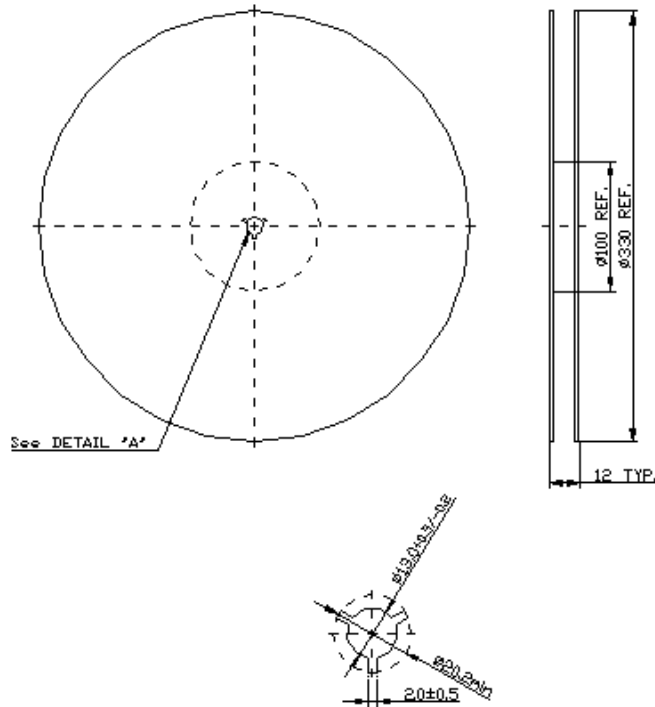
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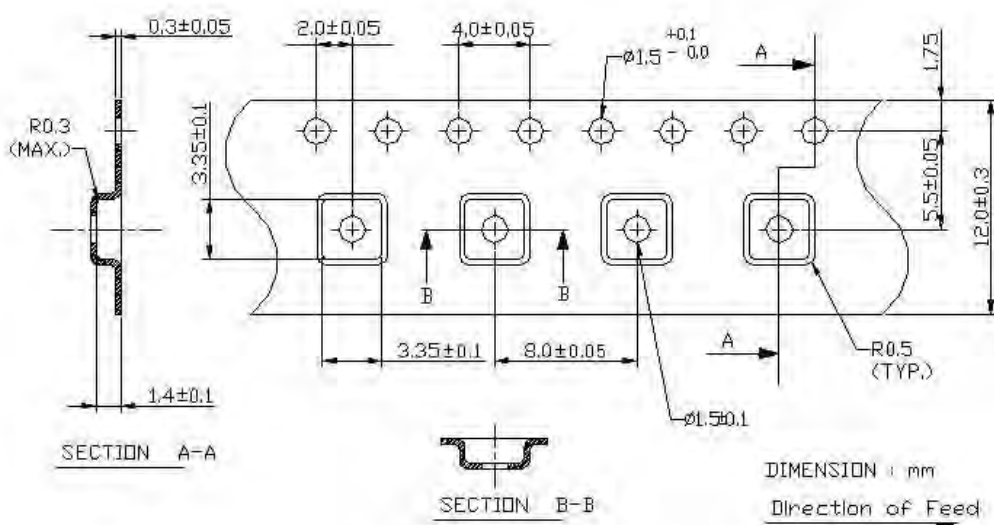
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

