

SAW Filter 2160.0MHz
Part No: MP01503

Model: TA0733A
Rev. No: 1

A. MAXIMUM RATING:

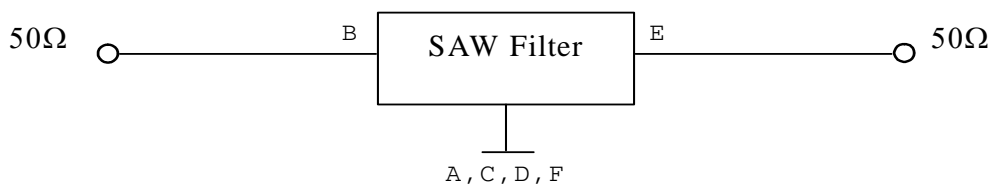
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2160	-	-
Insertion Loss (2150 ~ 2170MHz) IL	dB	-	2	3.5	-
Amplitude Ripple (2150 ~ 2170MHz)	dB	-	0.2	2	-
VSWR (2150 ~ 2170MHz)		-	1.3	2.3	-
Attenuation (Reference level from 0dB)					
DC ~ 500MHz	dB	21	39	-	-
500 ~ 1900MHz	dB	20	35	-	-
1900 ~ 2050MHz	dB	25	38	-	-
2050 ~ 2090MHz	dB	30	35	-	-
2240 ~ 2300MHz	dB	20	49	-	-
2300 ~ 4500MHz	dB	22	29	-	-

C. MEASUREMENT CIRCUIT:

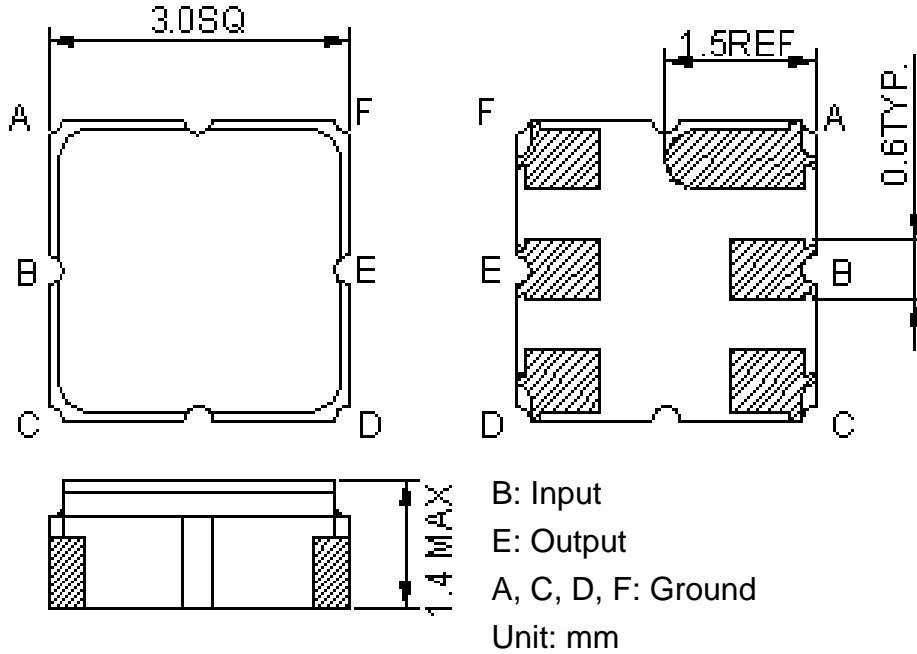
HP Network analyzer



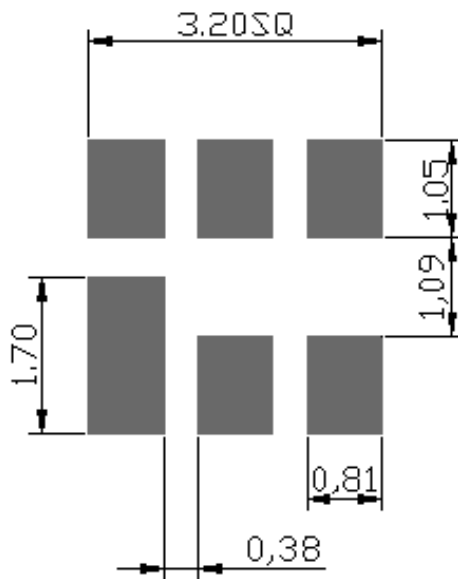
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D. OUTLINE DRAWING:



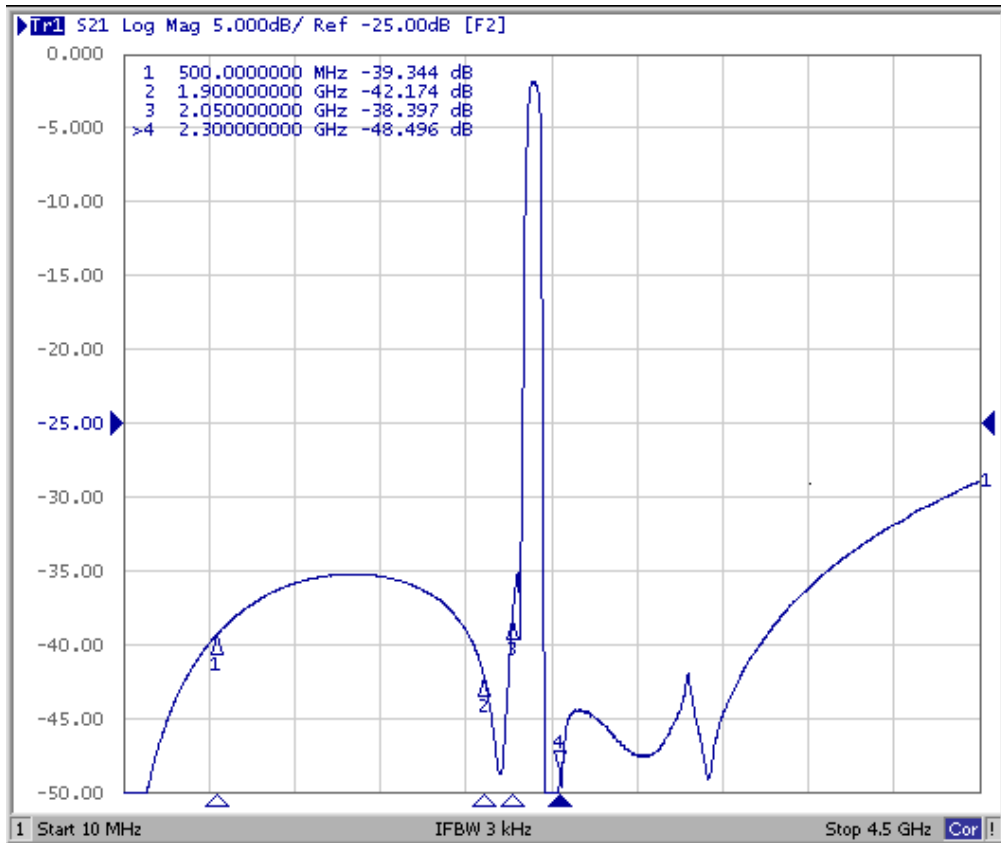
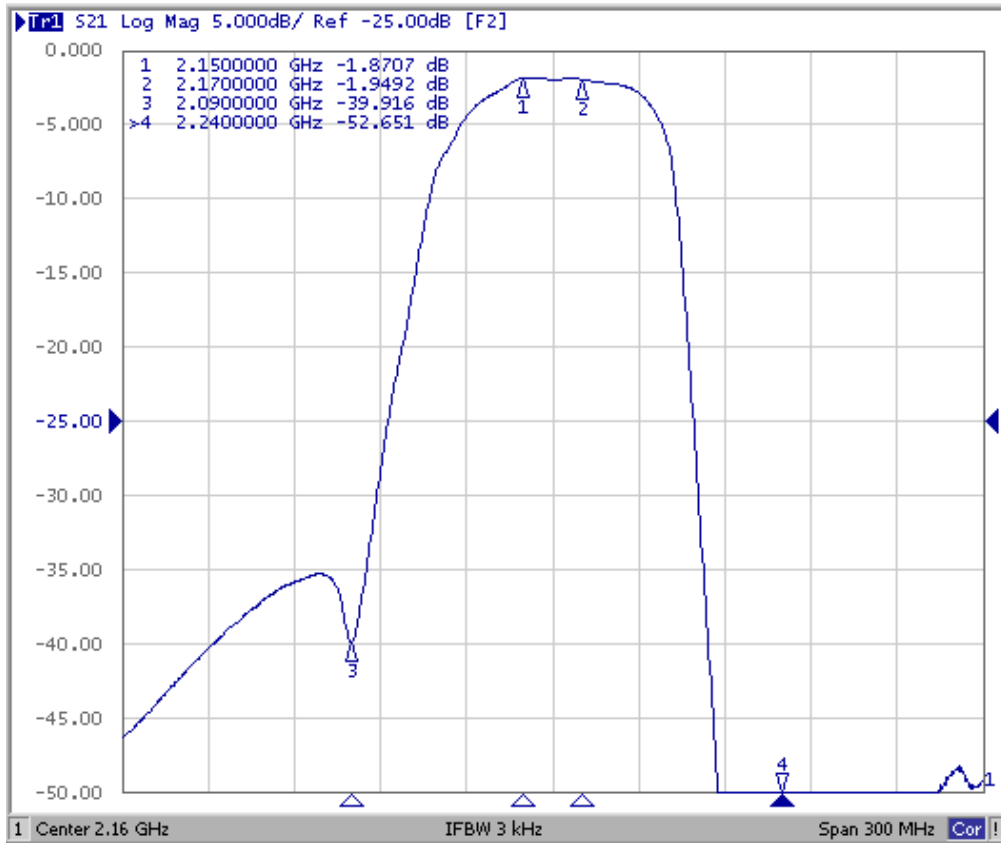
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

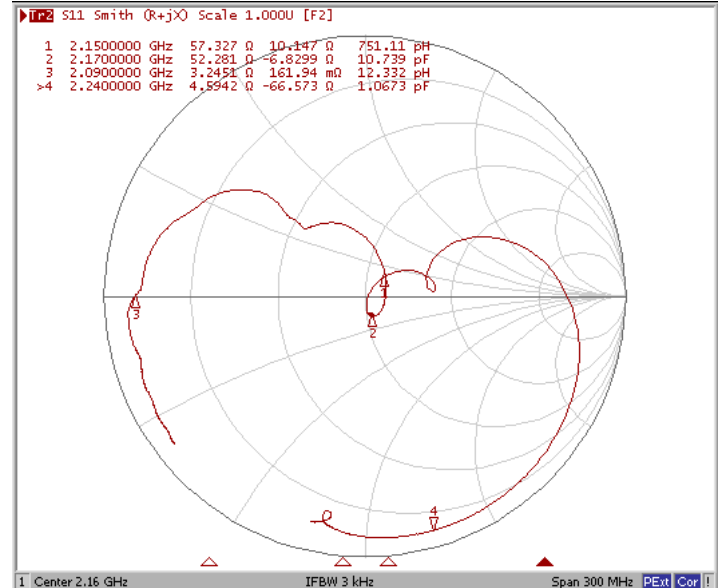
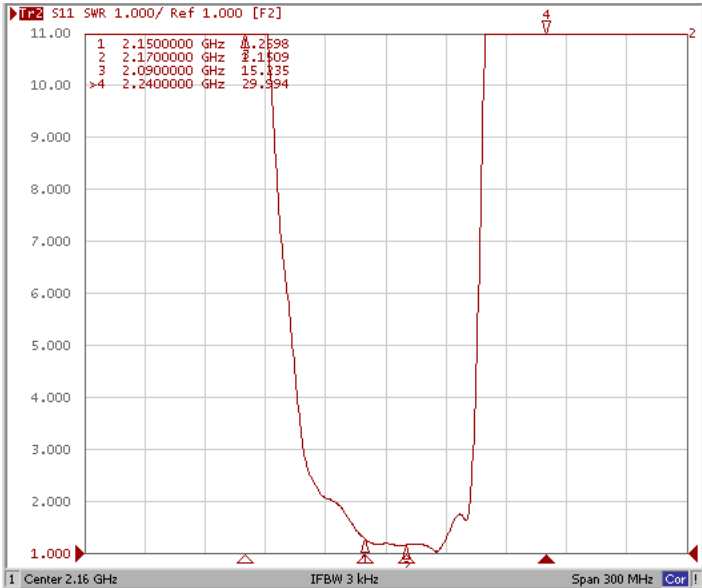


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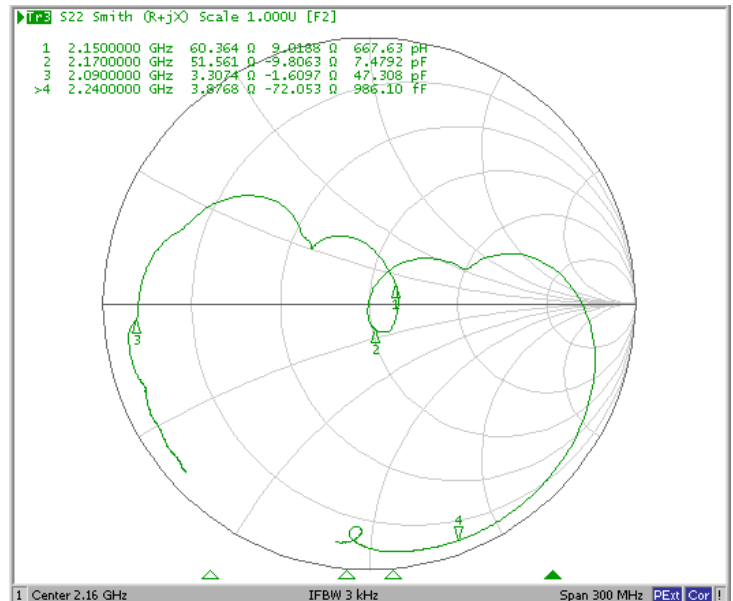
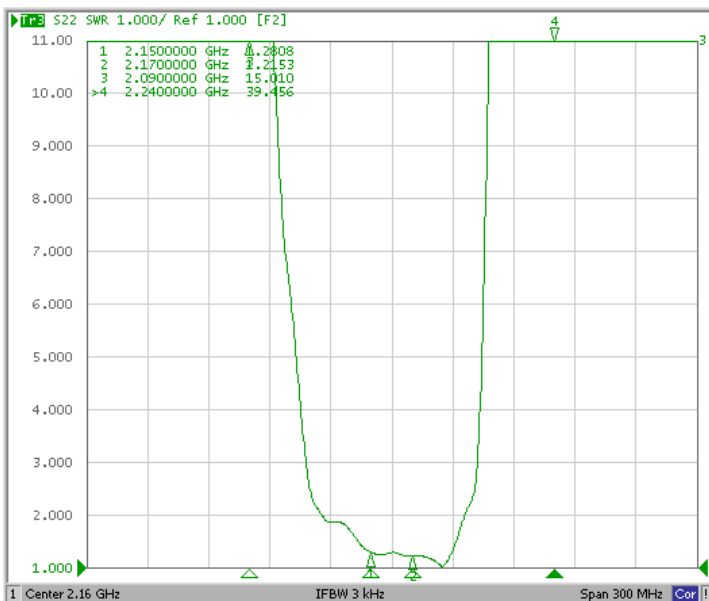
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Reflection Functions

S11



S22

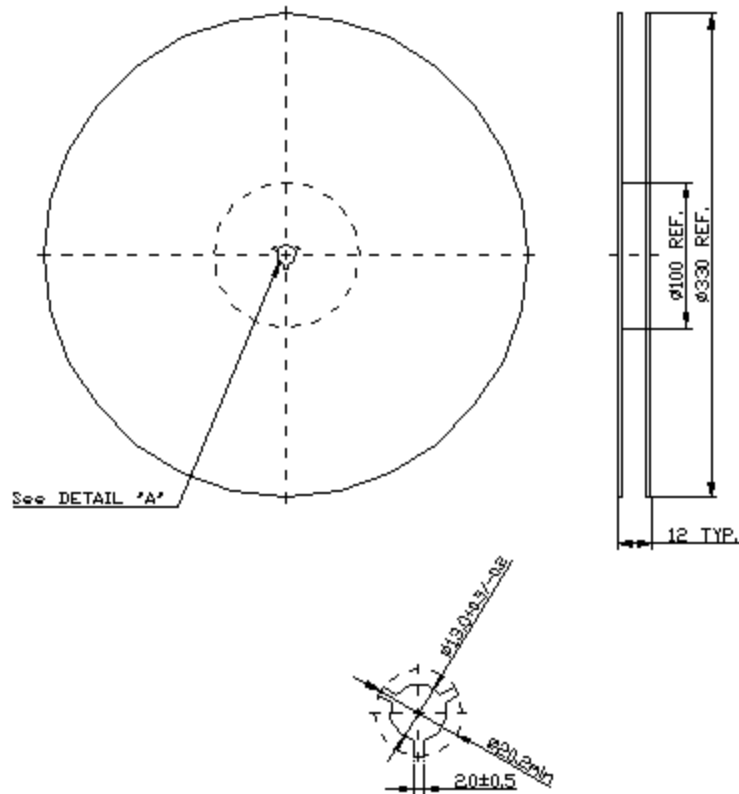


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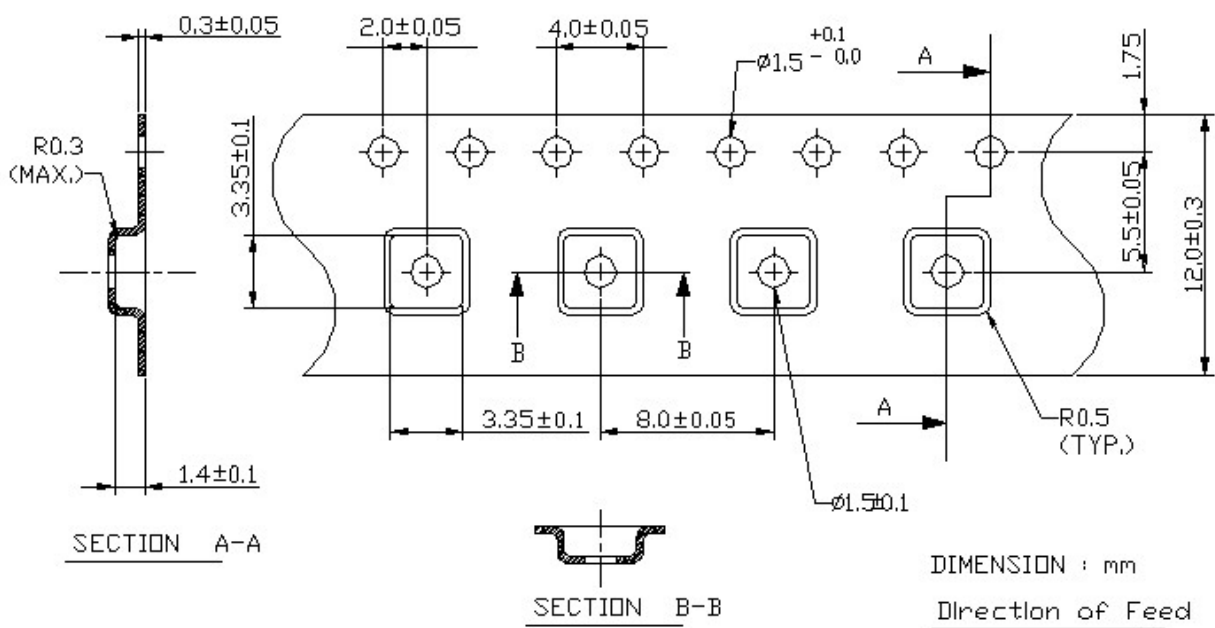
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G. PACKING:

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

