

SAW Filter 1950.0MHz
Part No: MP04338

Model: TA1397A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC Voltage: 0V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

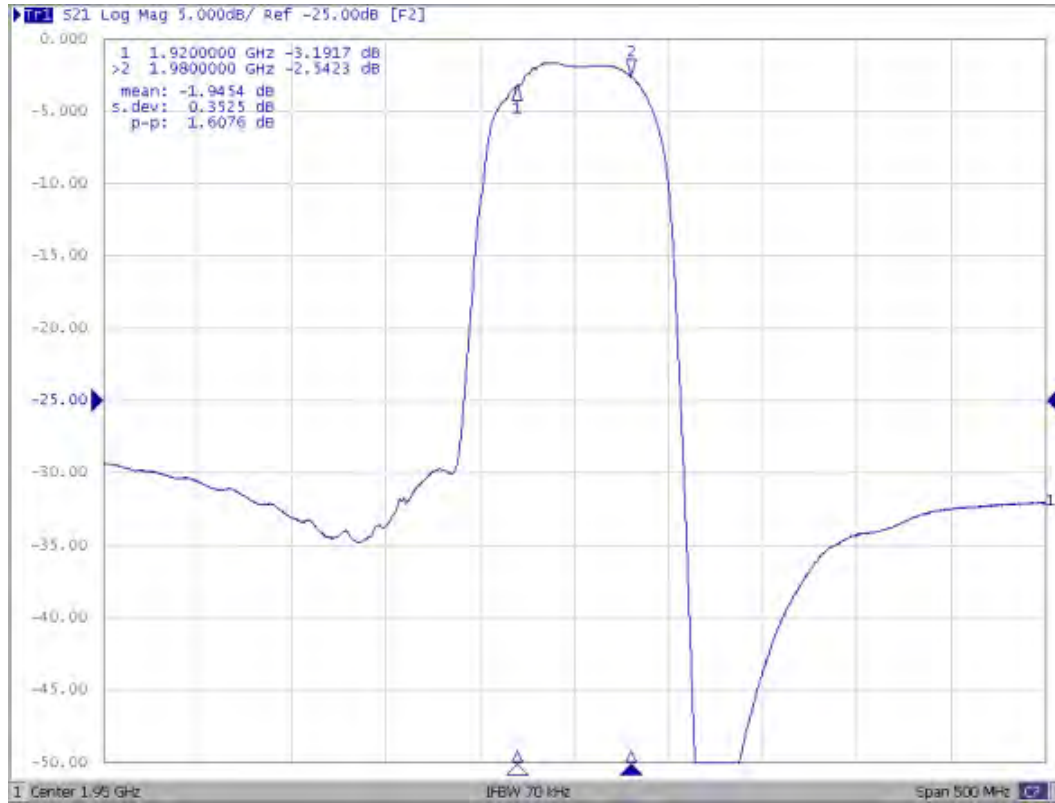
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1950	-	-
Insertion Loss within 1920 ~ 1980MHz IL	dB	-	2.9	4.2	-
Amplitude ripple (1920 ~ 1980MHz)	dB	-	1.5	2.2	-
VSWR (1920 ~ 1980MHz)	dB	-	1.95	2.6	-
Attenuation					
1135 ~ 1145MHz	dB	25	27	-	-
1705 ~ 1715MHz	dB	25	29	-	-
1805 ~ 1880MHz	dB	25	32	-	-
2110 ~ 2170MHz	dB	30	33	-	-
2300 ~ 2360MHz	dB	30	32	-	-
2490 ~ 2550MHz	dB	30	32	-	-
2680 ~ 2740MHz	dB	30	33		
3060 ~ 3120MHz	dB	30	43		
3840 ~ 3960MHz	dB	30	36		
Package size	mm	SMD 1.4x1.1			

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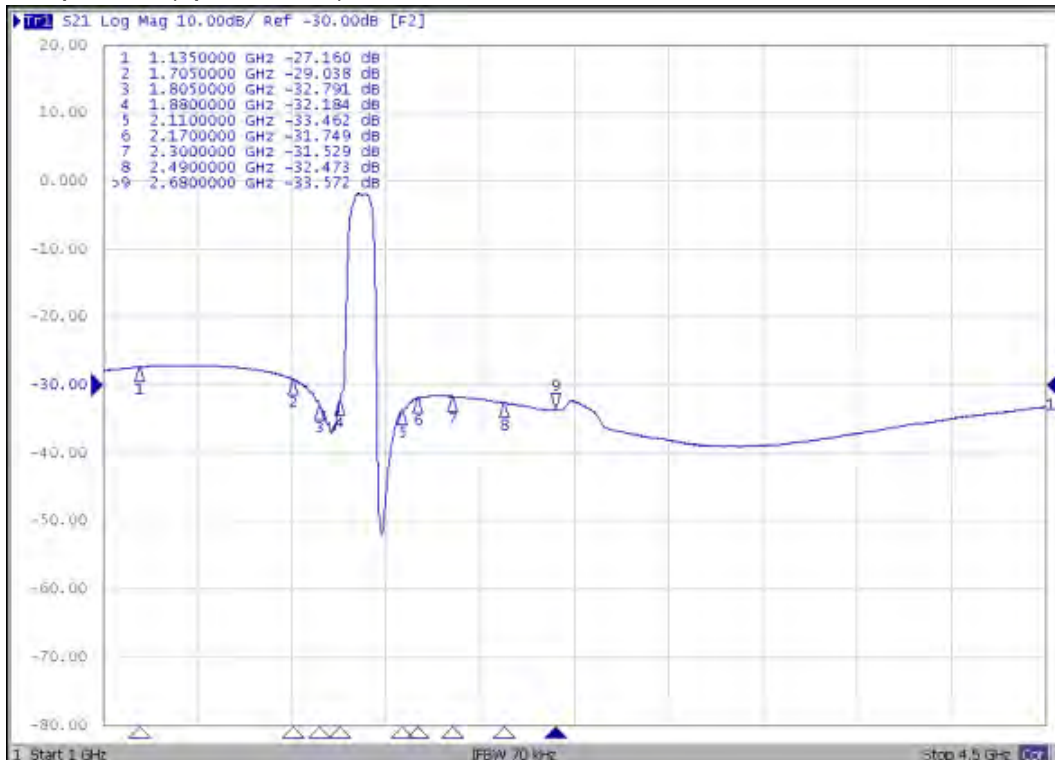
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C. FREQUENCY CHARACTERISTICS:

S21 response: (span 500MHz)



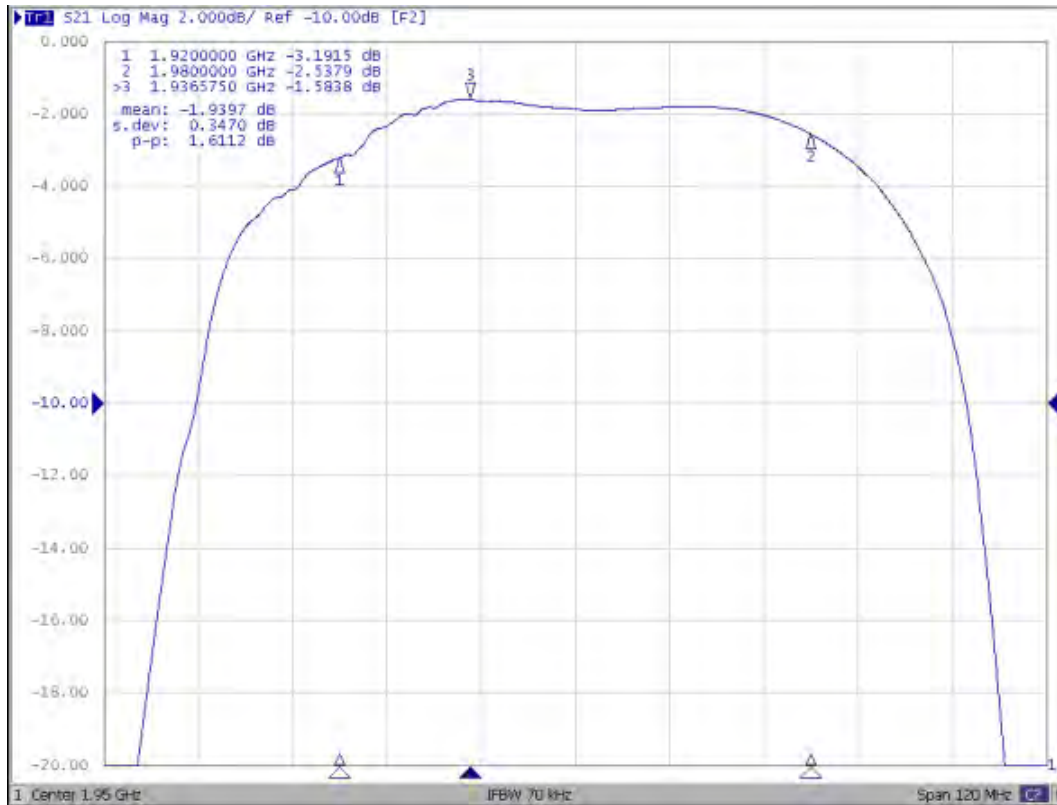
S21 response: (span 3GHz)



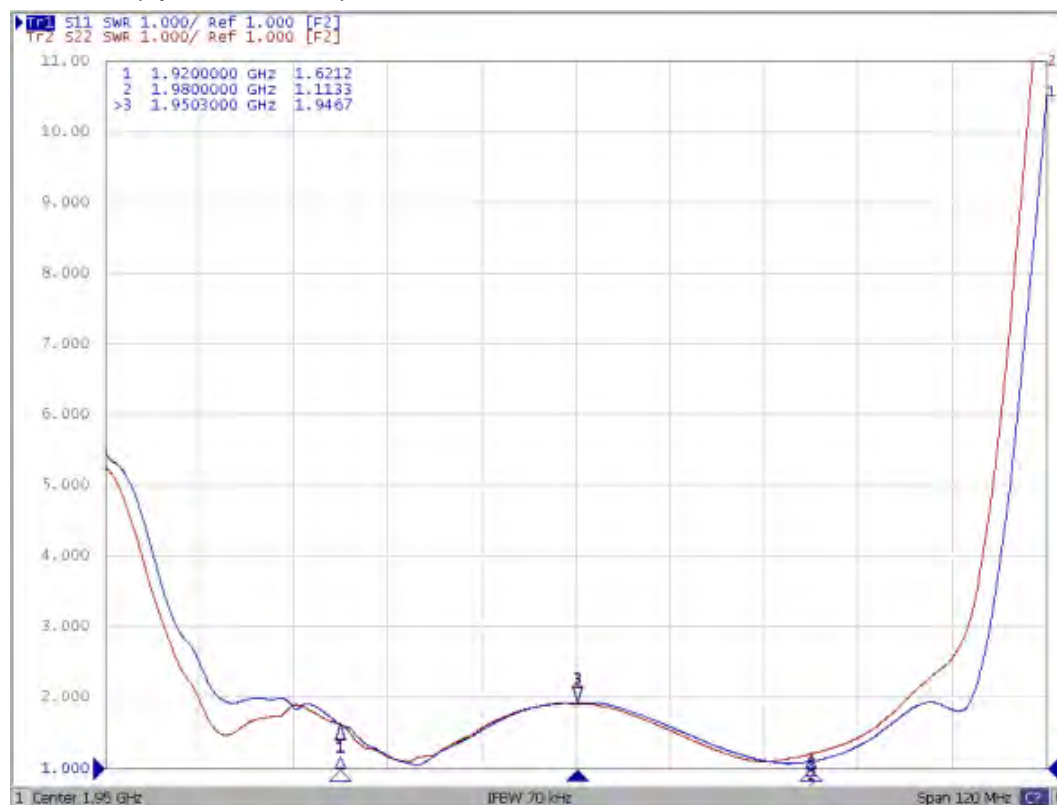
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S21 response: (span 120MHz)



S21 VSWR: (span 120MHz)



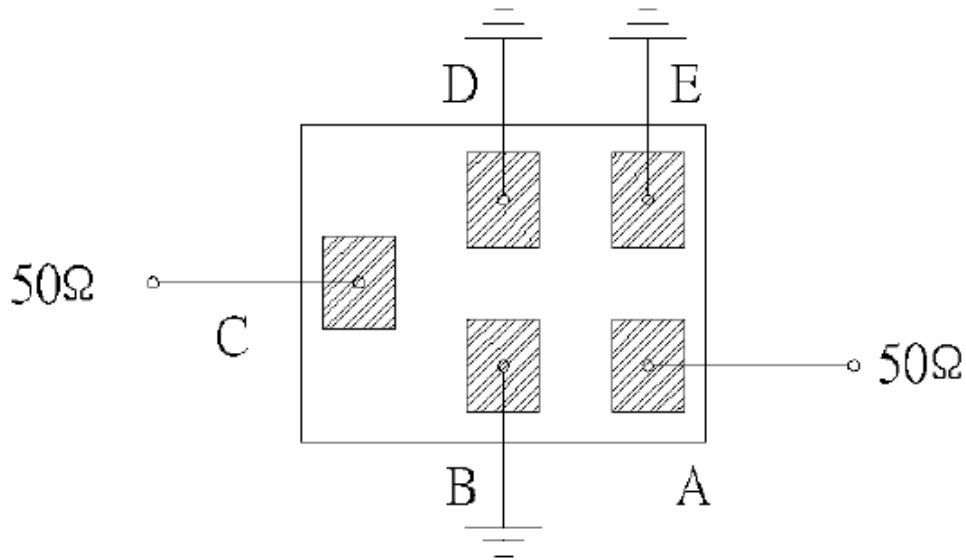
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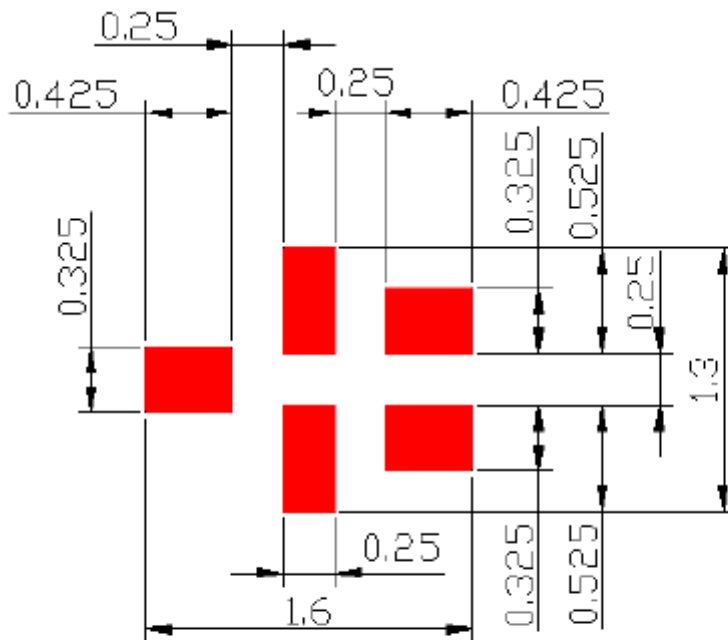
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D. MEASUREMENT CIRCUIT:



E. PCB FOOTPRINT:



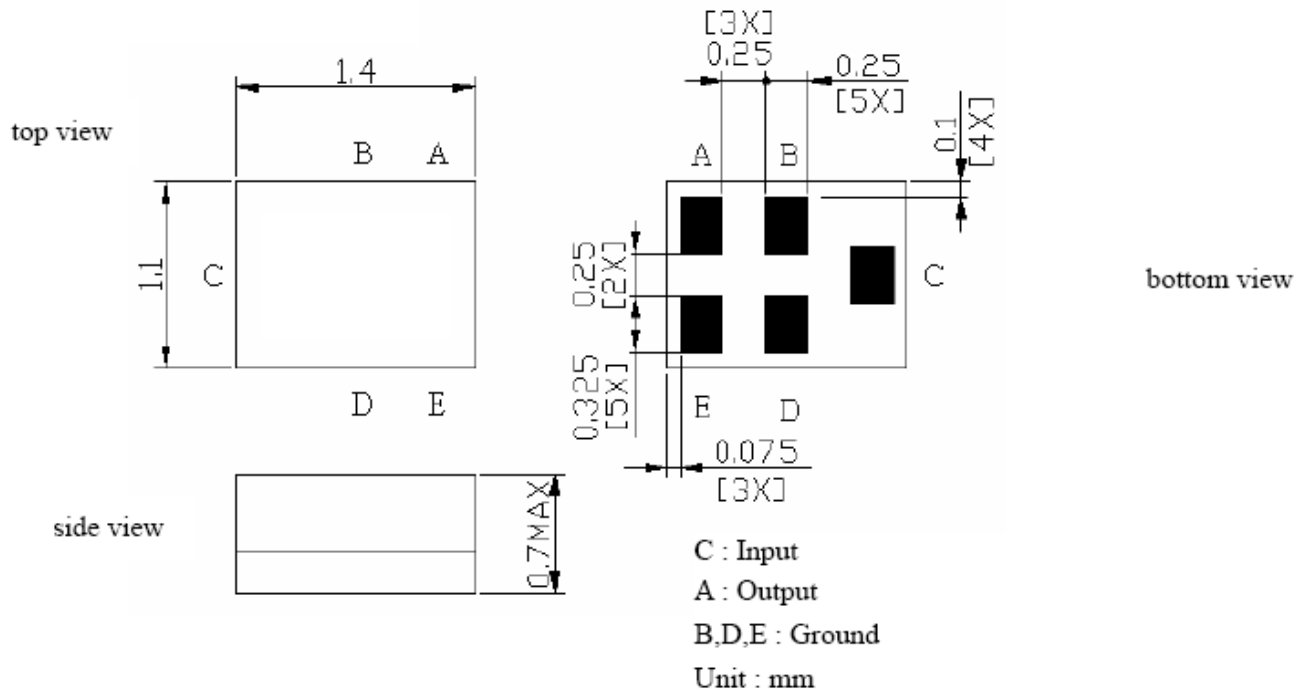
■ : Land Pattern

Unit : mm

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F. OUTLINE DRAWING:



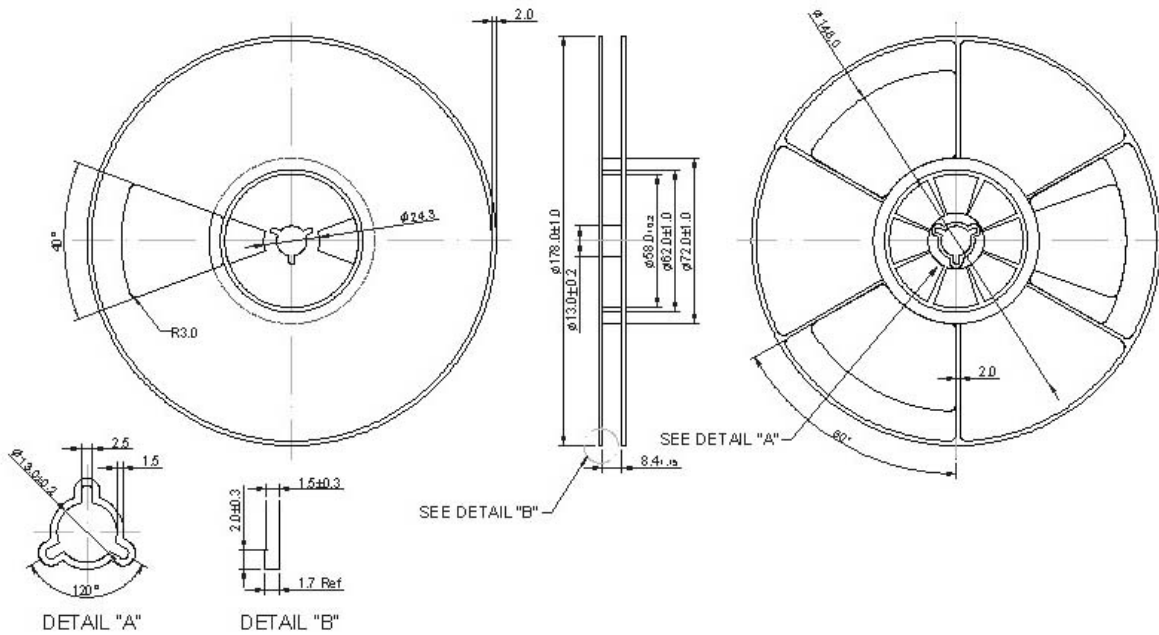
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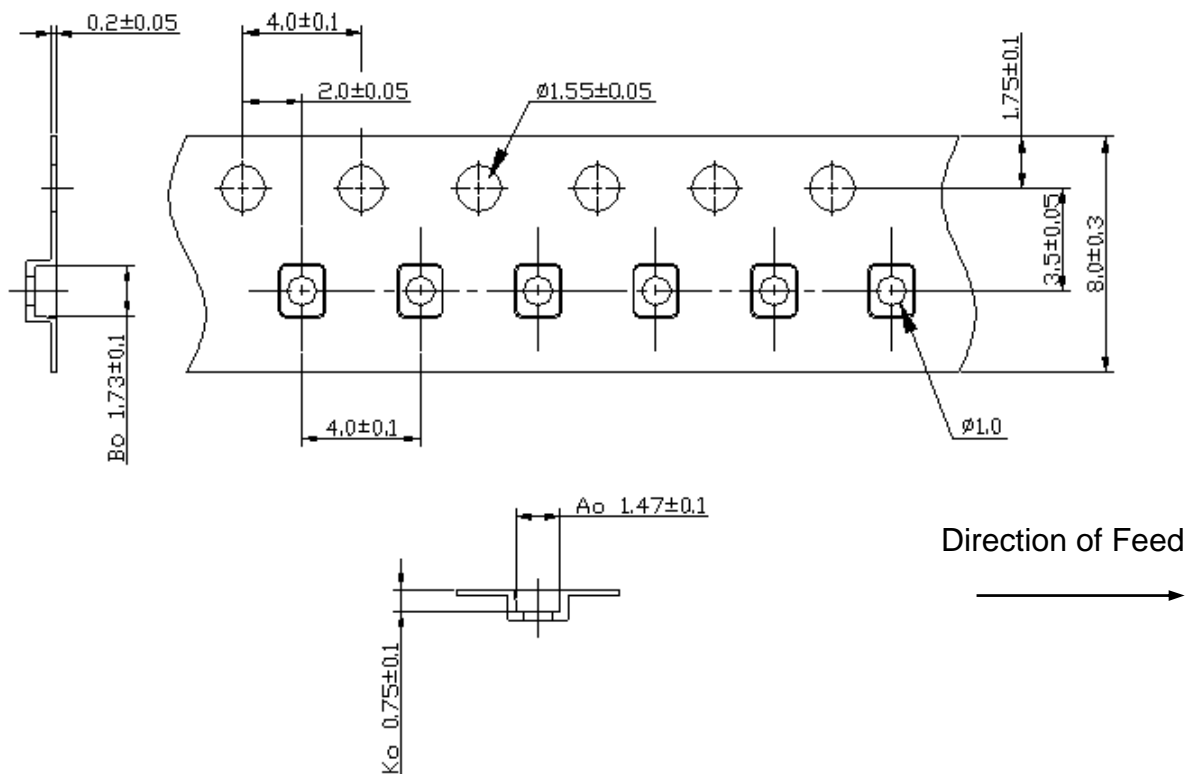
G. PACKING:

1. Reel Dimension

(Reel Count: 7" = 3000)



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

