

SAW Filter 1942.0MHz
Part No: MP03361

Model: TA0927A
Rev No: 1

A. MAXIMUM RATING:

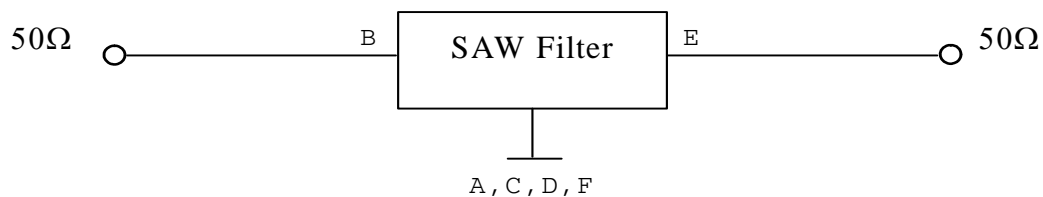
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -50°C to +70°C
4. Storage Temperature: -50°C to +95°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1942	-	-
Min. Insertion loss IL	dB	-	3.3	5	-
Bandwidth @ -3dB	MHz	50	83	-	-
Amplitude Ripple (1917 ~ 1967MHz)	dB	-	0.7	3	-
VSWR (1917 ~ 1967MHz)		-	2	2.5	-
Attenuation (Reference level from 0dB)					
1300 ~ 1820MHz	dB	40	44	-	-
2065 ~ 2500MHz	dB	37	41	-	-

C. MEASUREMENT CIRCUIT:

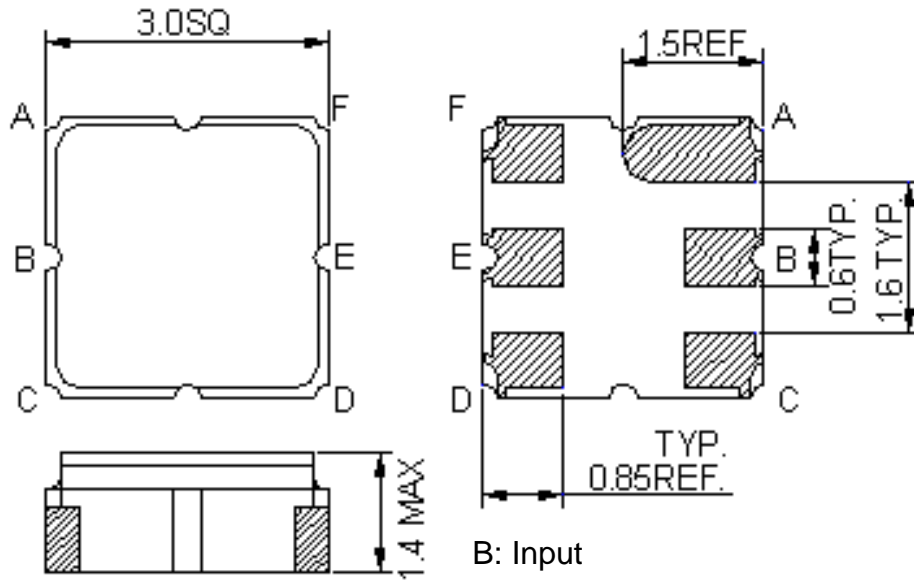
HP Network analyzer



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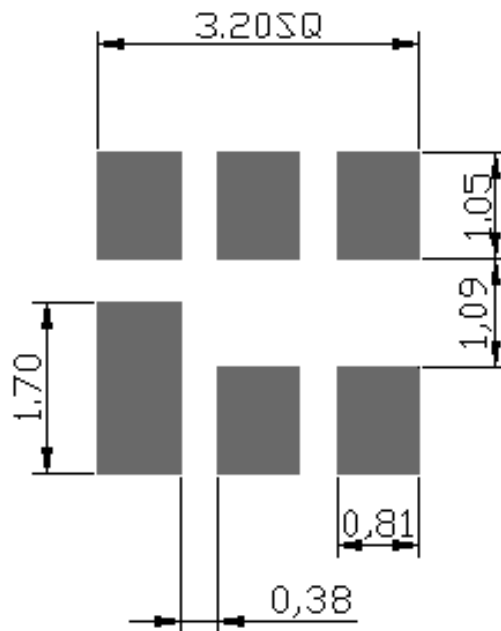
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D. OUTLINE DRAWING:



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

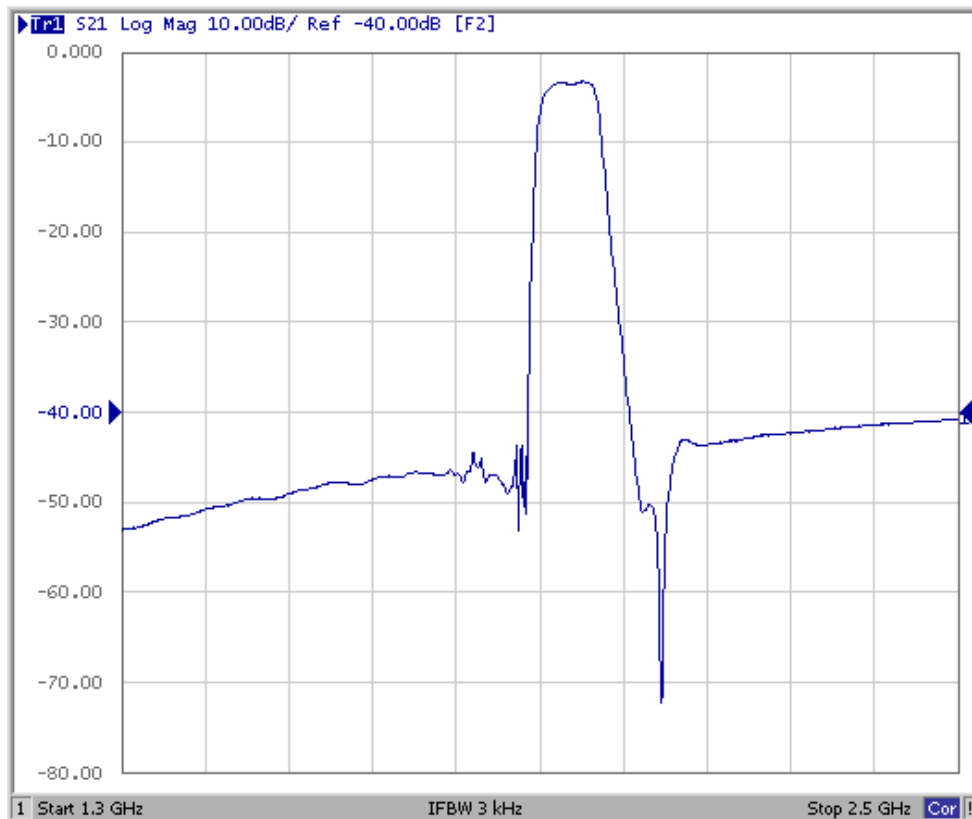
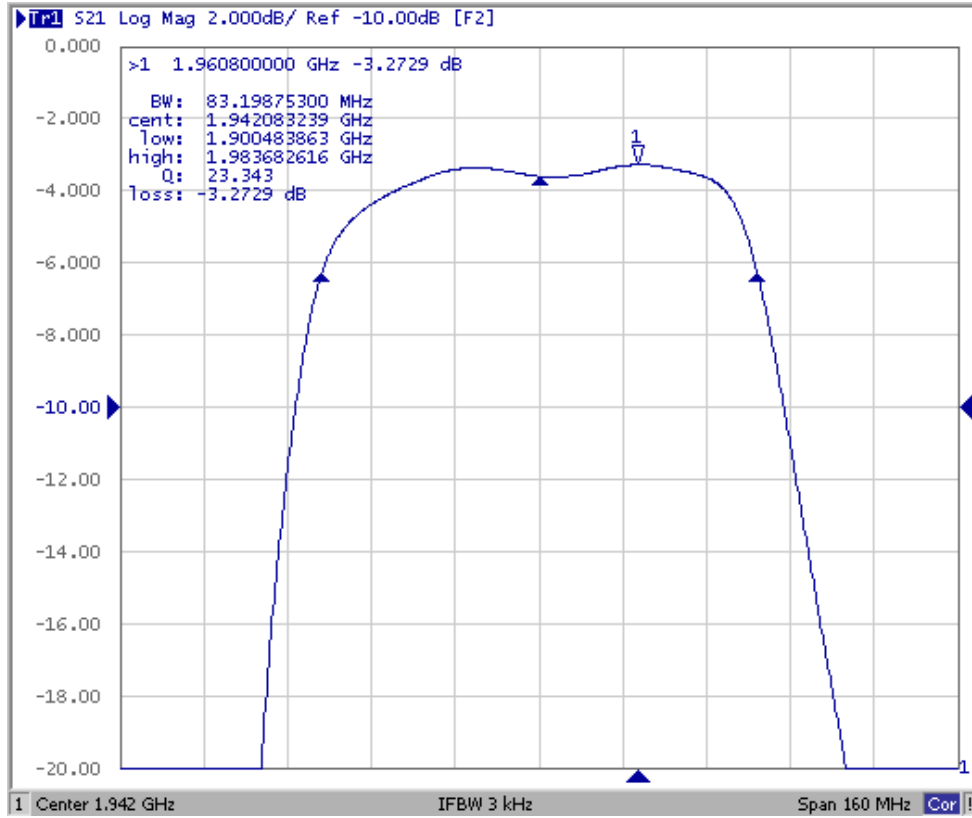
E. PCB FOOTPRINT:



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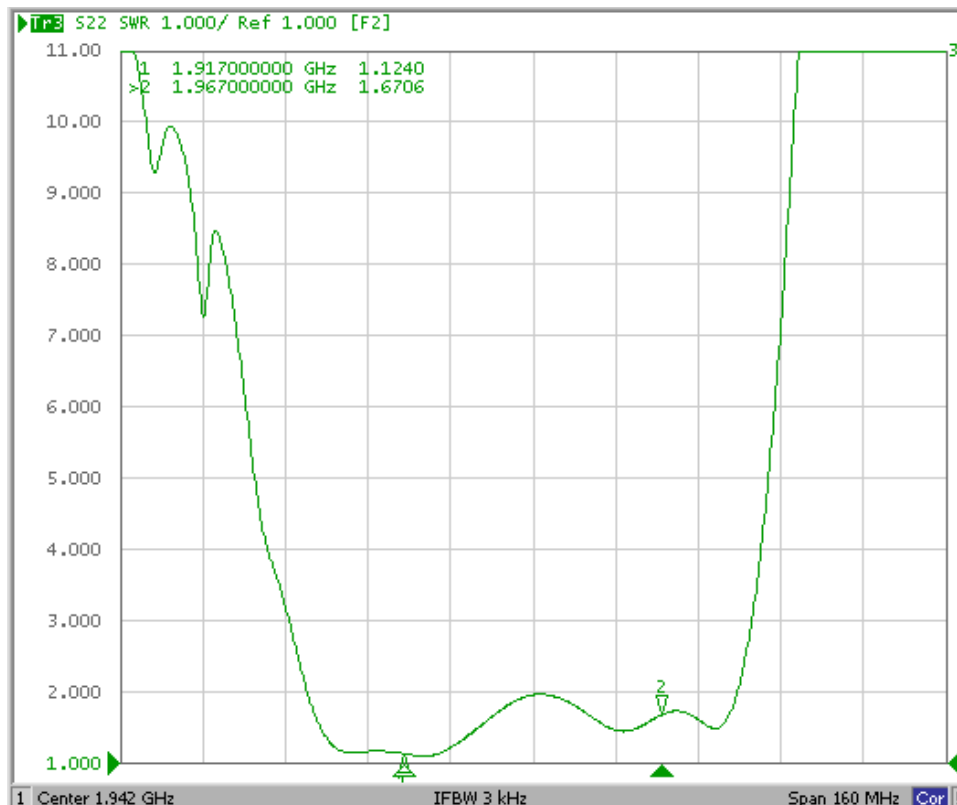
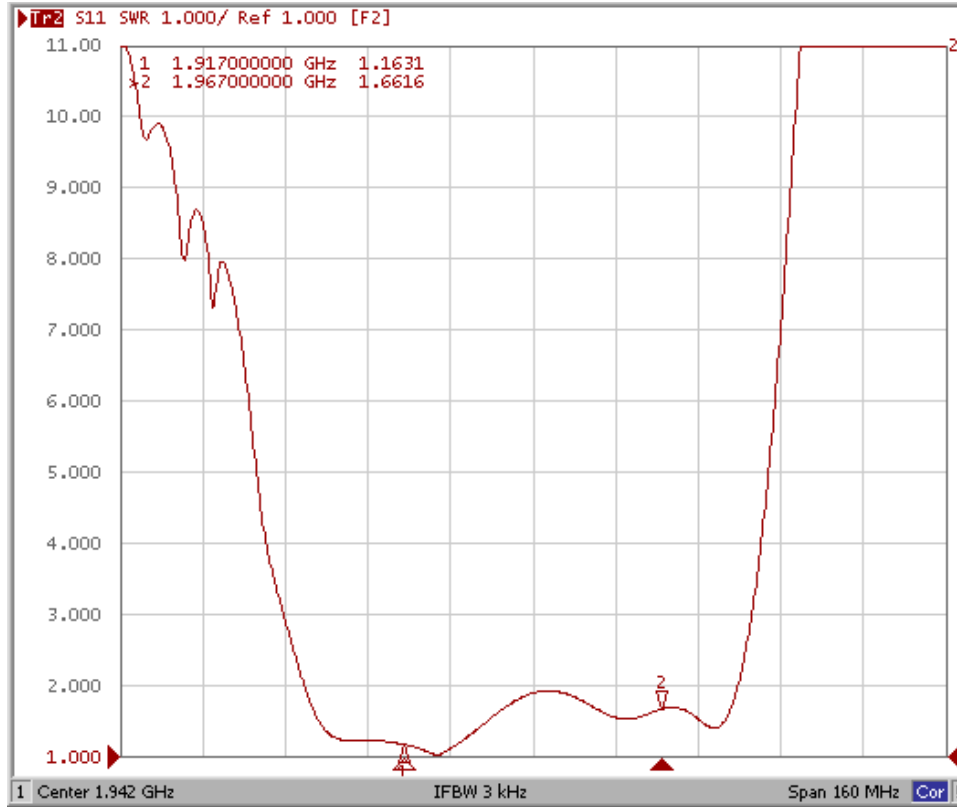
F. FREQUENCY CHARACTERISTICS:



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Reflection Functions

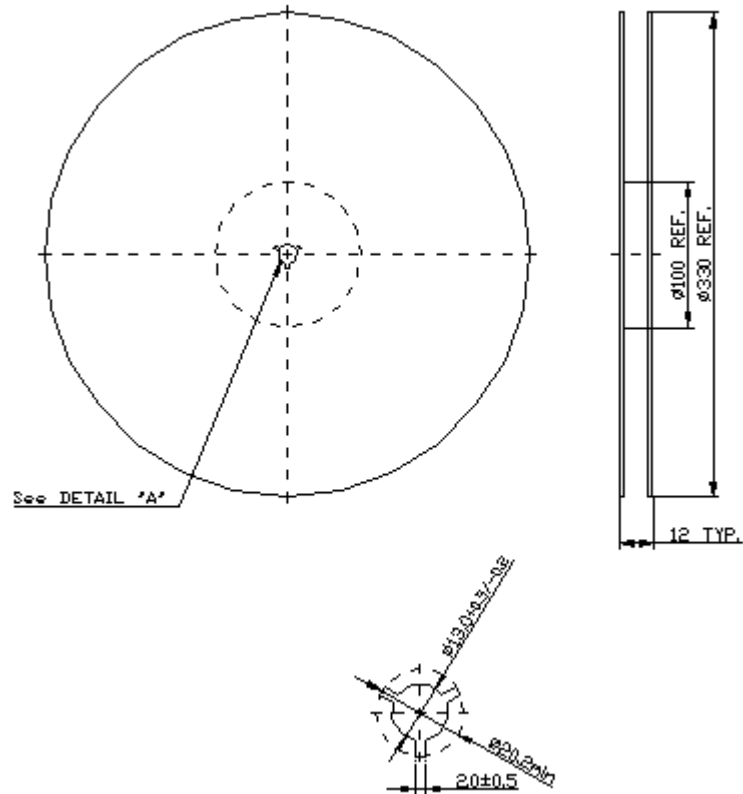


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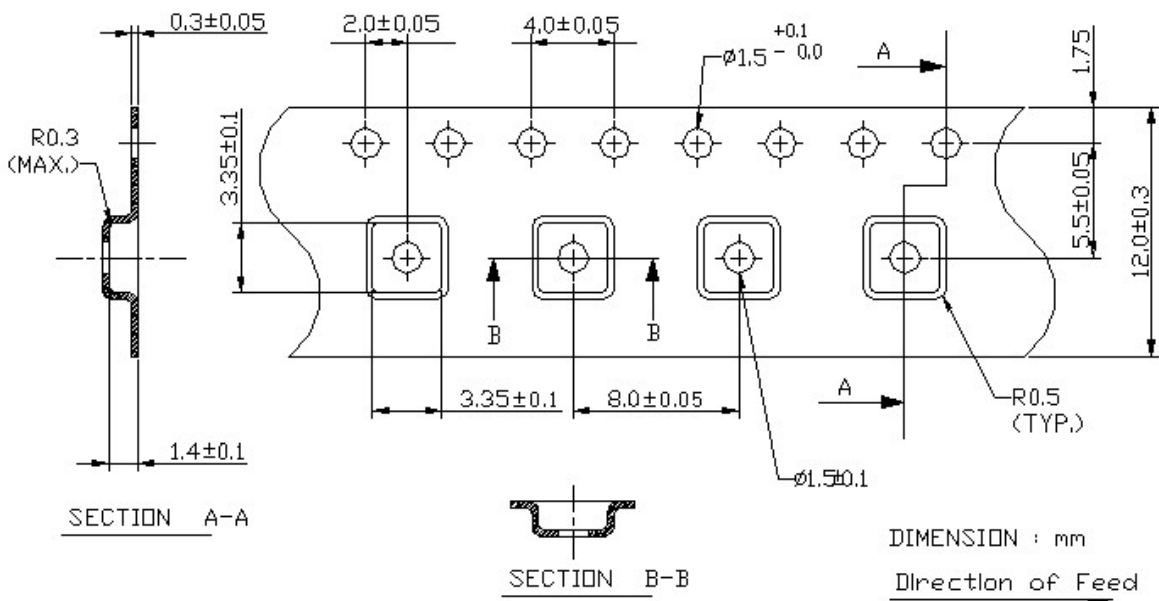
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G. PACKING:

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

