

SAW Filter 1450.0MHz
Part No: MP04381

Model: TA1171A
Rev No: 1

A. MAXIMUM RATING:

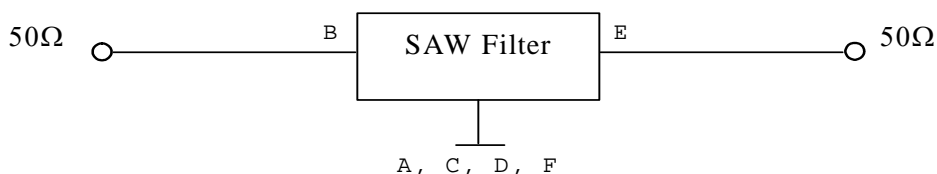
1. Input Power Level: +10dBm
2. DC Voltage: 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1450	-	-
Insertion Loss (1447.5 ~ 1452.5MHz) IL	dB	-	2.5	4	-
Amplitude Ripple (1447.5 ~ 1452.5MHz)	dB	-	0.1	1.0	-
-1dB Bandwidth	MHz	5	37	-	-
VSWR (1447.5 ~ 1452.5MHz)		-	1.3	2.1	-
Attenuation (Reference level from 0dB)					
DC ~ 100MHz	dB	60	70	-	-
100 ~ 1388MHz	dB	40	58	-	-
1388 ~ 1394MHz	dB	30	58	-	-
1506 ~ 1512MHz	dB	30	40	-	-
1512 ~ 2500MHz	dB	40	55	-	-

C. MEASUREMENT CIRCUIT:

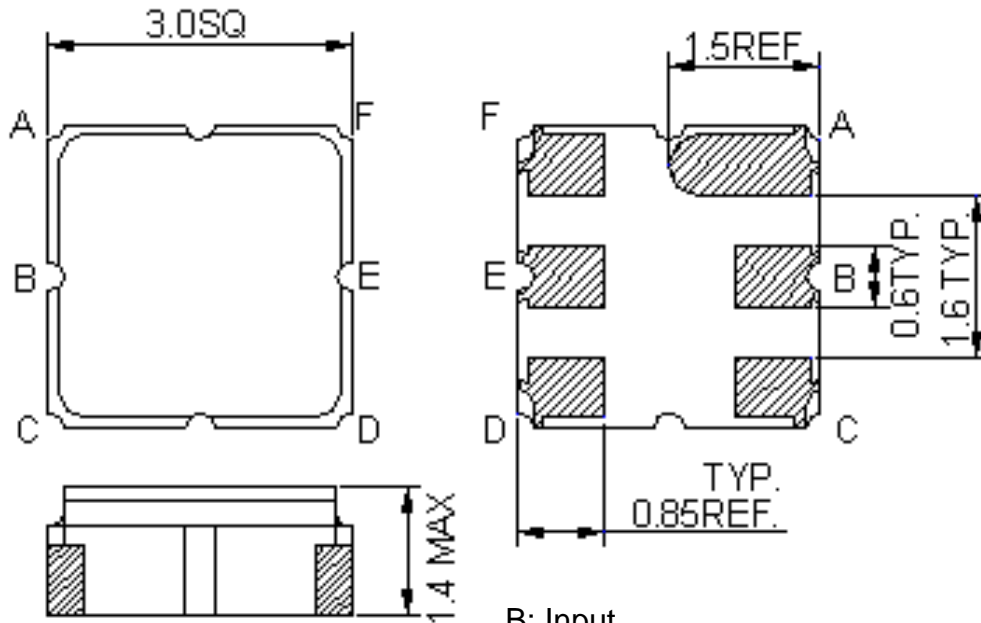
HP Network analyzer



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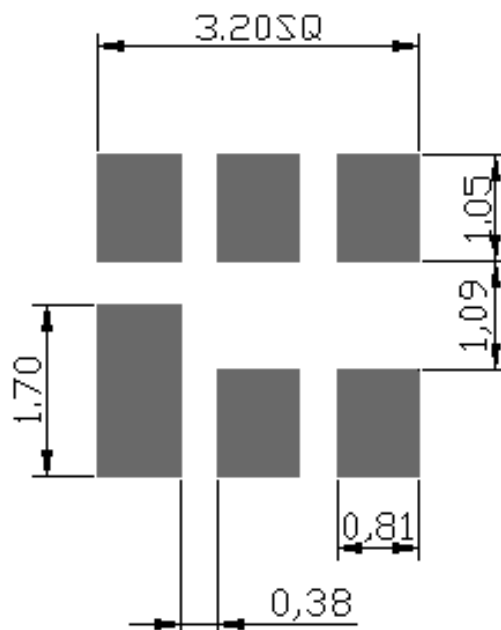
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D. OUTLINE DRAWING:



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

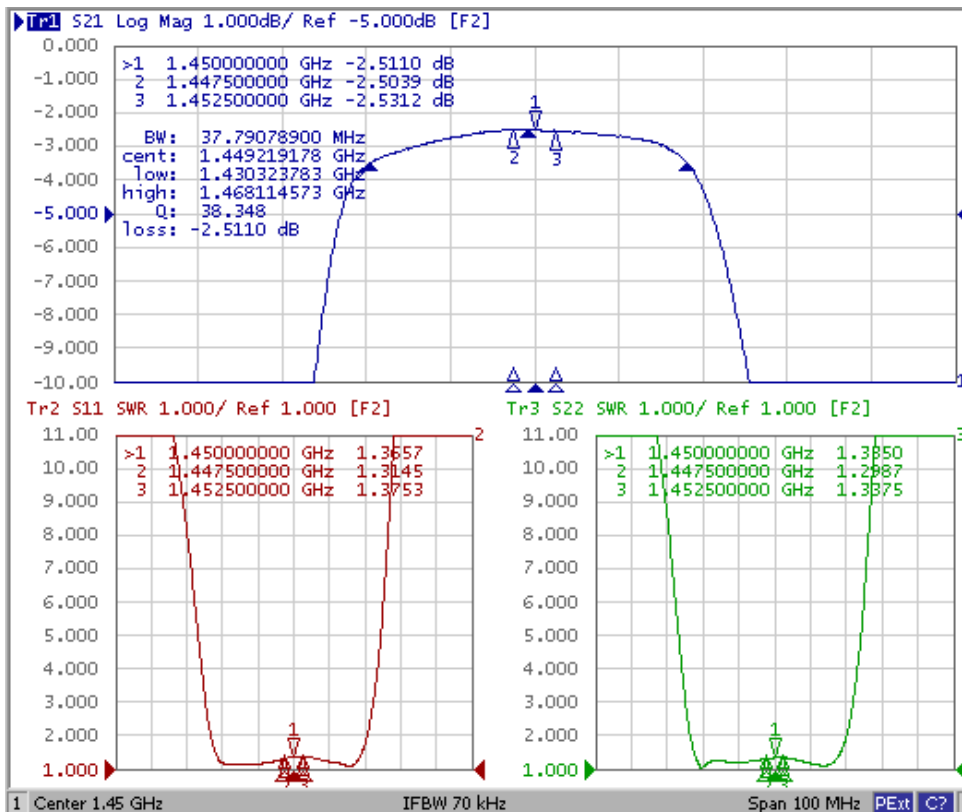
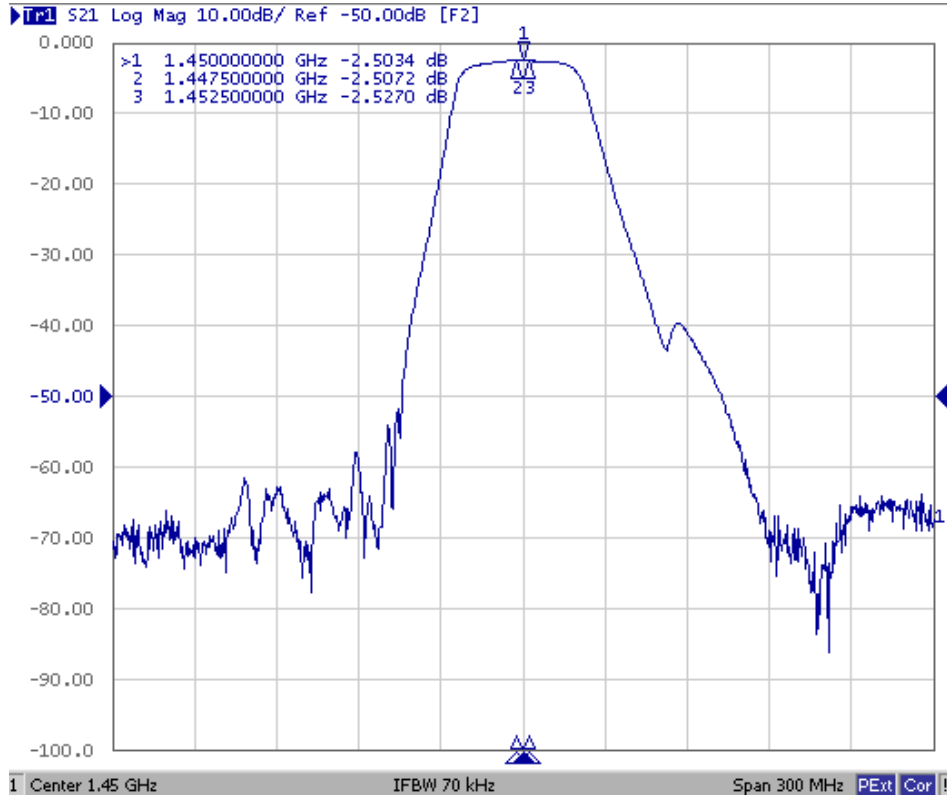
E. PCB FOOTPRINT:



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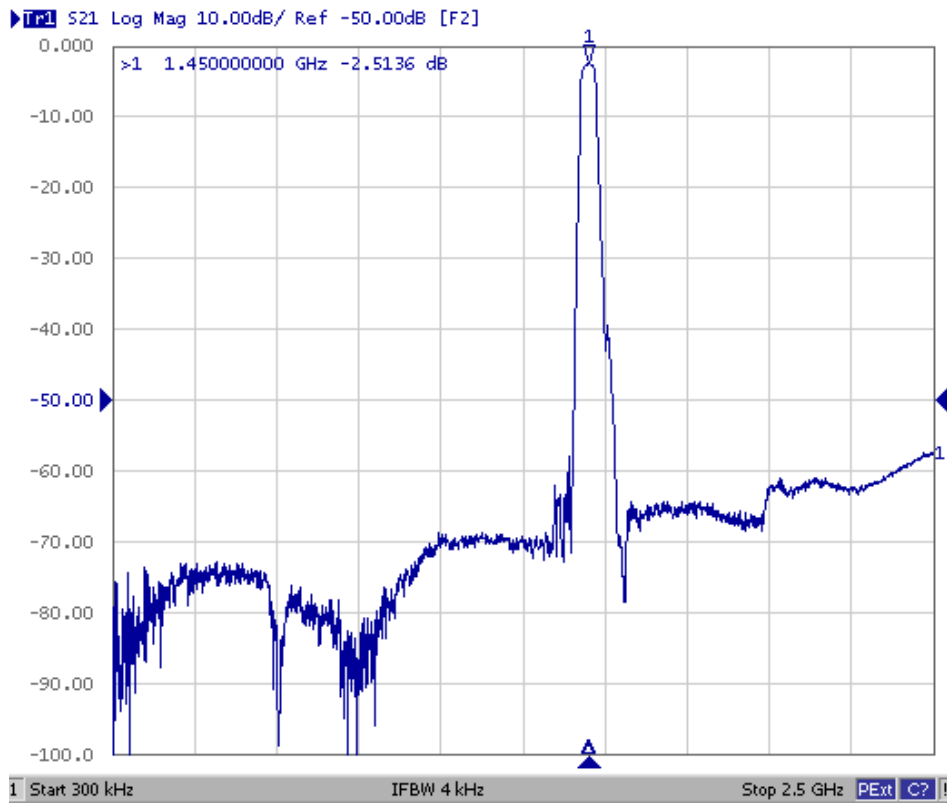
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F. FREQUENCY CHARACTERISTICS:



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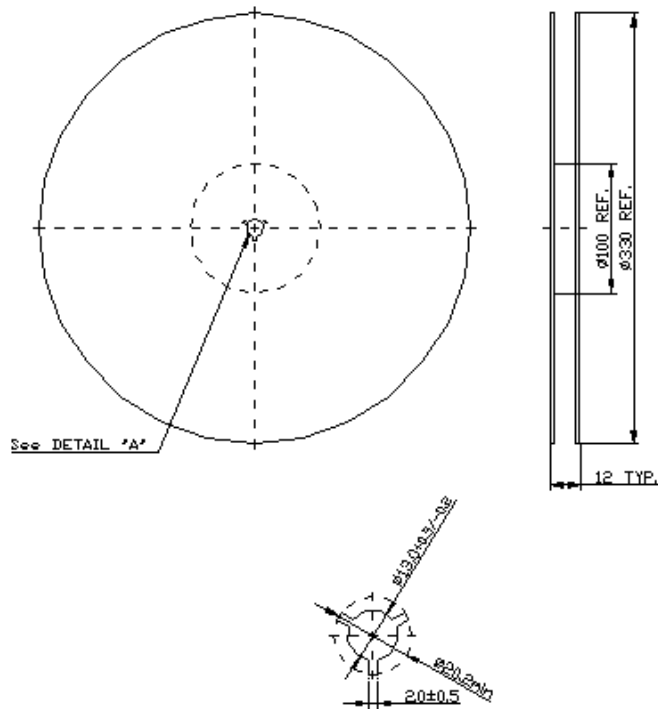
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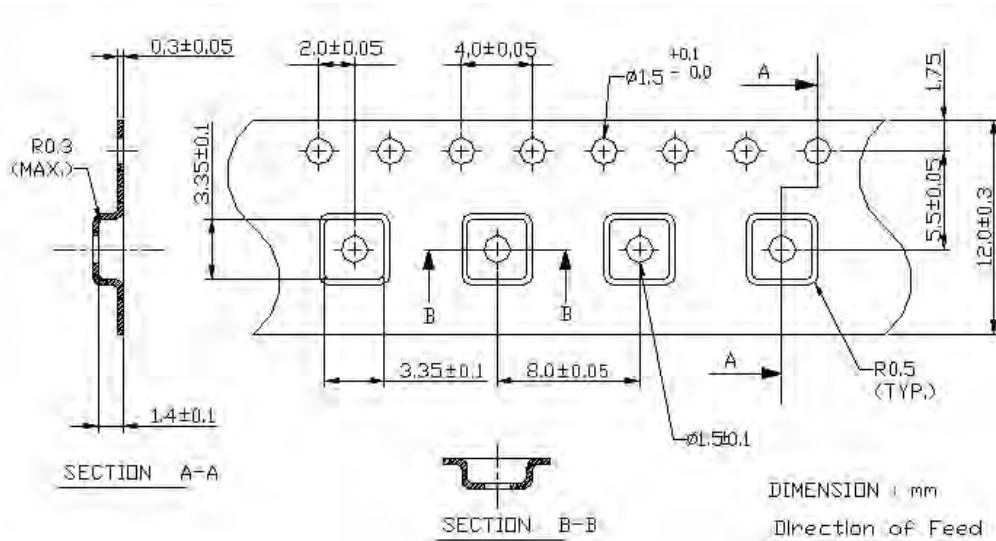
G. PACKING:

1. Reel Dimension

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

