

SAW Filter: 746.0MHz
Part No: MP04177

Model: TA0959A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

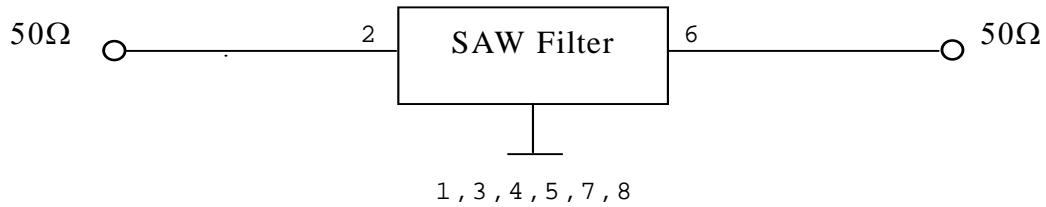
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	746	-	-
Insertion loss (740 ~ 752MHz) IL	dB	-	1.8	4.5	-
Amplitude Ripple (740 ~ 752MHz)	dB	-	0.75	2	-
Group Delay Variation (740 ~ 752MHz)	ns	-	20	45	-
Attenuation (Reference level from 0dB)					
0 ~ 650MHz	dB	37	43	-	-
650 ~ 700MHz	dB	35	45	-	-
708 ~ 722MHz	dB	35	47	-	-
772 ~ 800MHz	dB	30	50	-	-
800 ~ 850MHz	dB	40	47	-	-
850 ~ 1000MHz	dB	35	47	-	-
1000 ~ 1500MHz	dB	25	47	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-35	-	-

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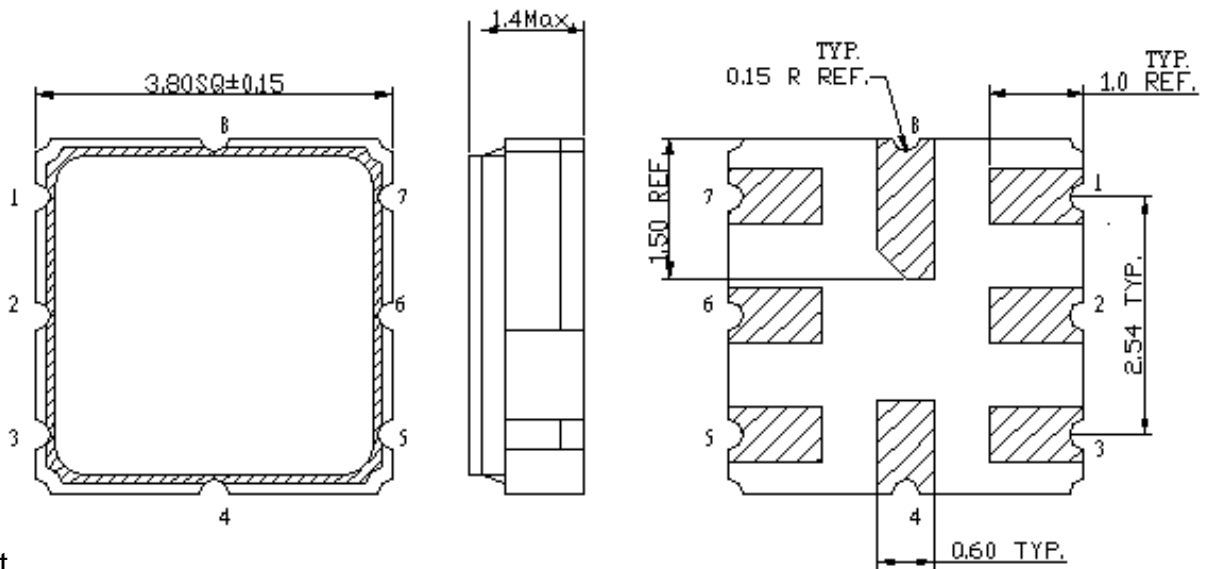
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C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:



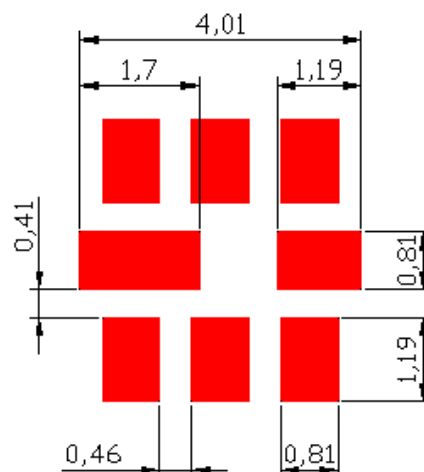
2: Input

6: Output

1, 3, 4, 5, 7, 8: Ground

Unit: mm

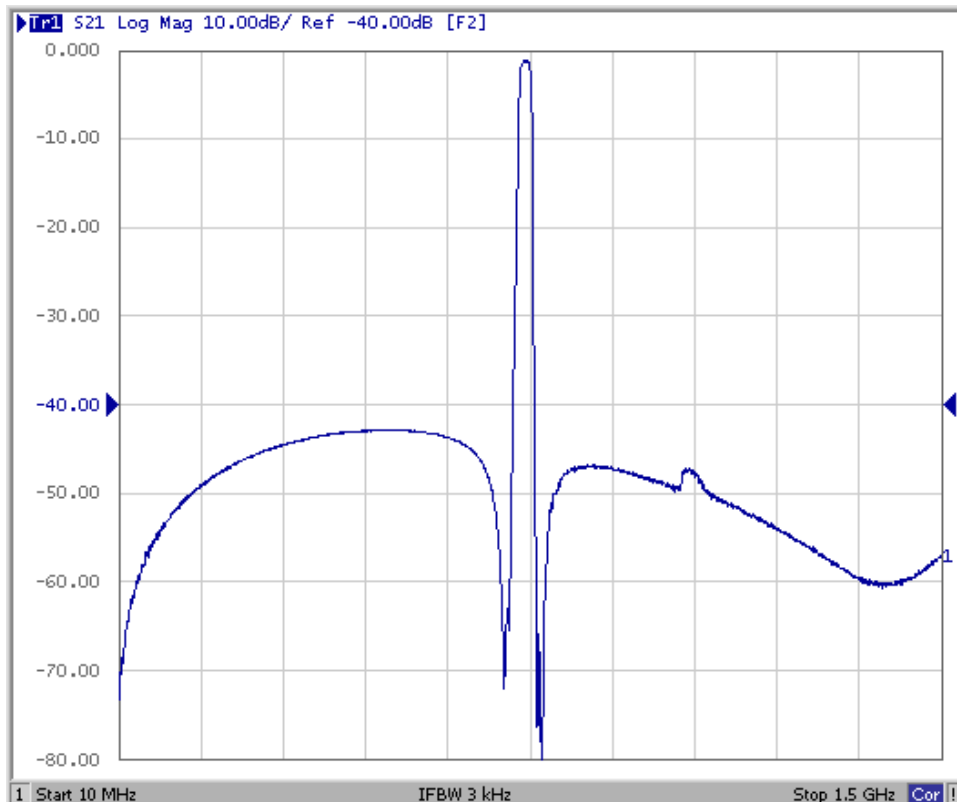
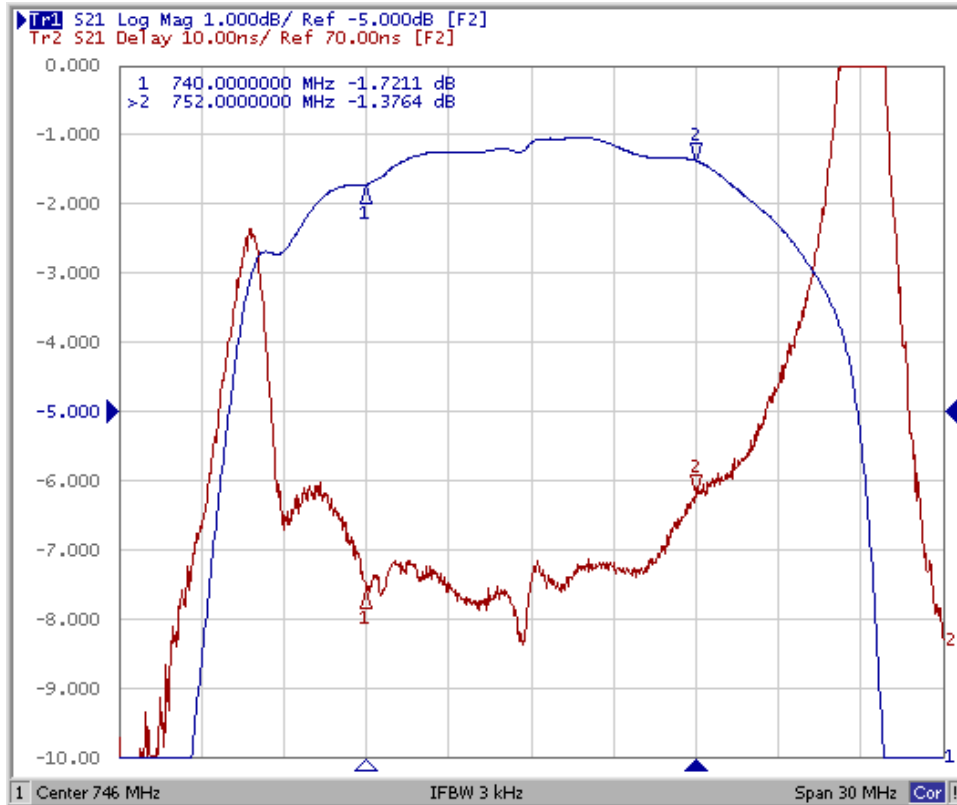
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:



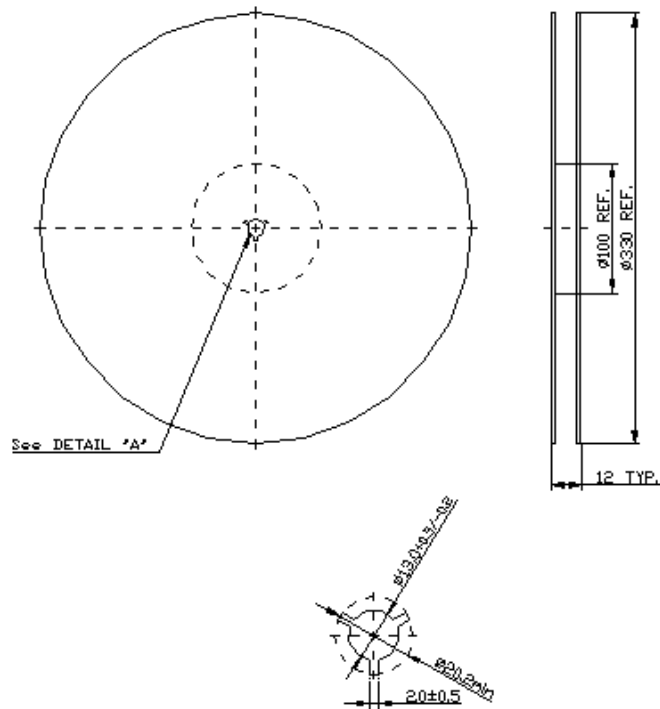
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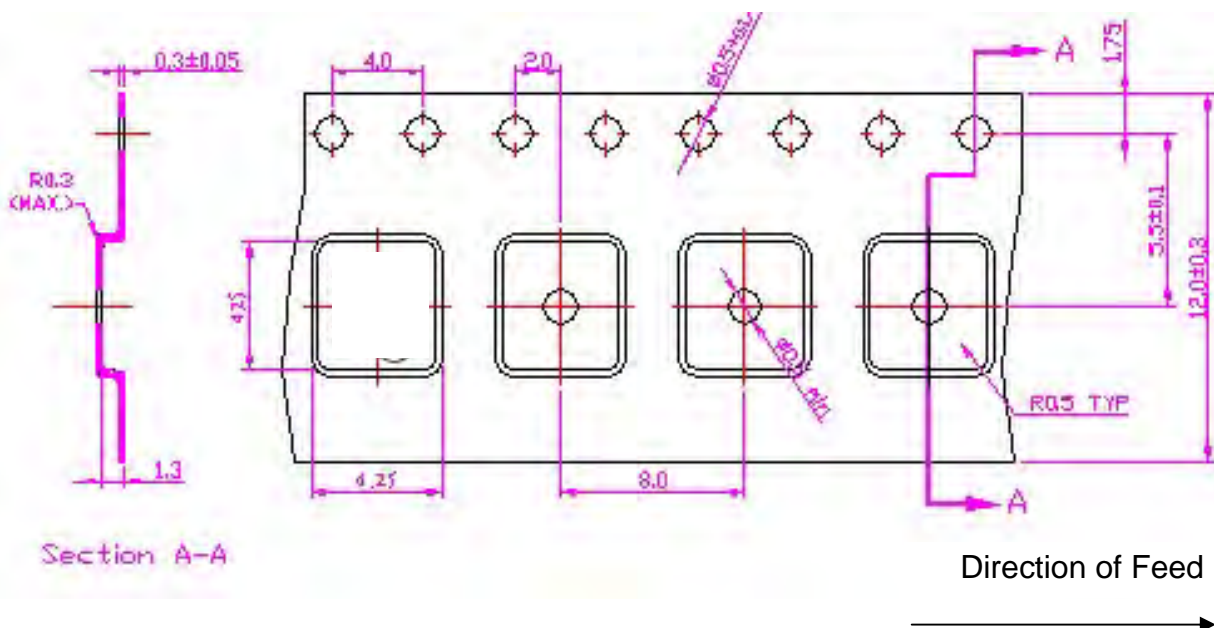
G. PACKING:

1. Reel Dimension

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

