

SAW Filter 781.50MHz
Part No: MP05005

Model: TA1239A
Rev No: 2

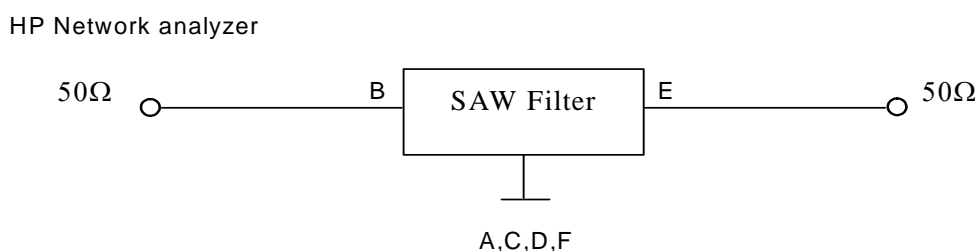
A. MAXIMUM RATING:

1. Input Power Level: +25dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	781.5	-
Insertion loss (775 ~ 788MHz) IL	dB	-	2.2	4
Insertion loss (777 ~ 787MHz) IL	dB	-	2.1	3
Bandwidth	MHz	13	25	-
Amplitude Ripple (775 ~ 788MHz)	dB	-	0.35	1
Attenuation (Reference level from 0dB)				
300 ~ 700MHz	dB	28	64	-
728 ~ 757MHz	dB	10	49	-
880 ~ 1050MHz	dB	28	70	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

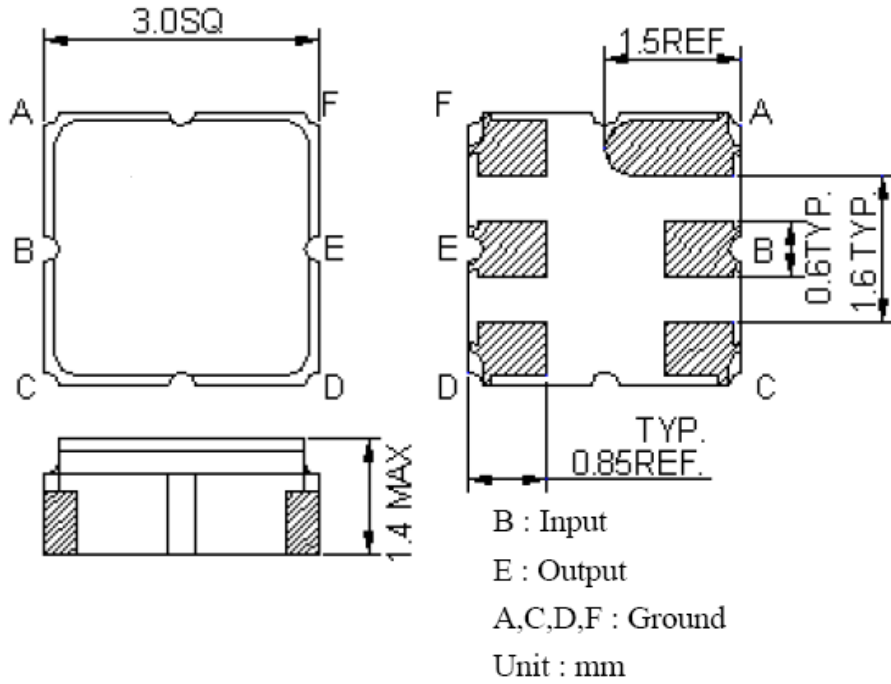
C. MEASUREMENT CIRCUIT:



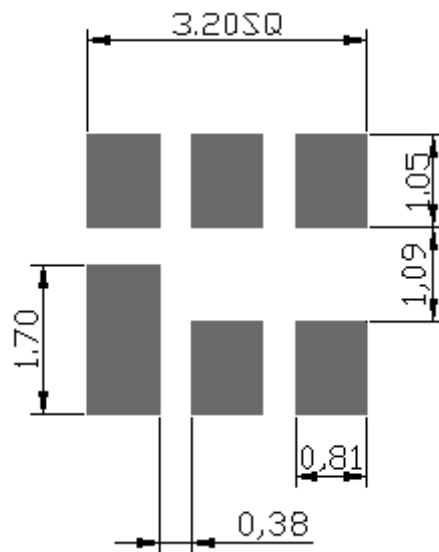
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D. OUTLINE DRAWING:



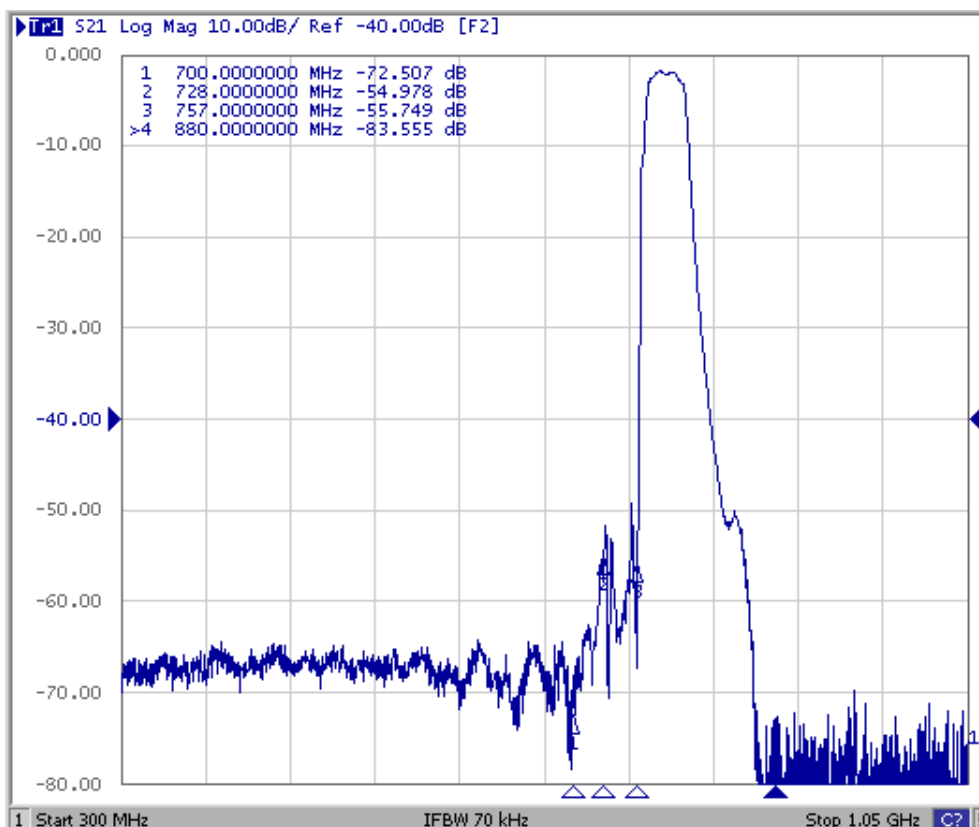
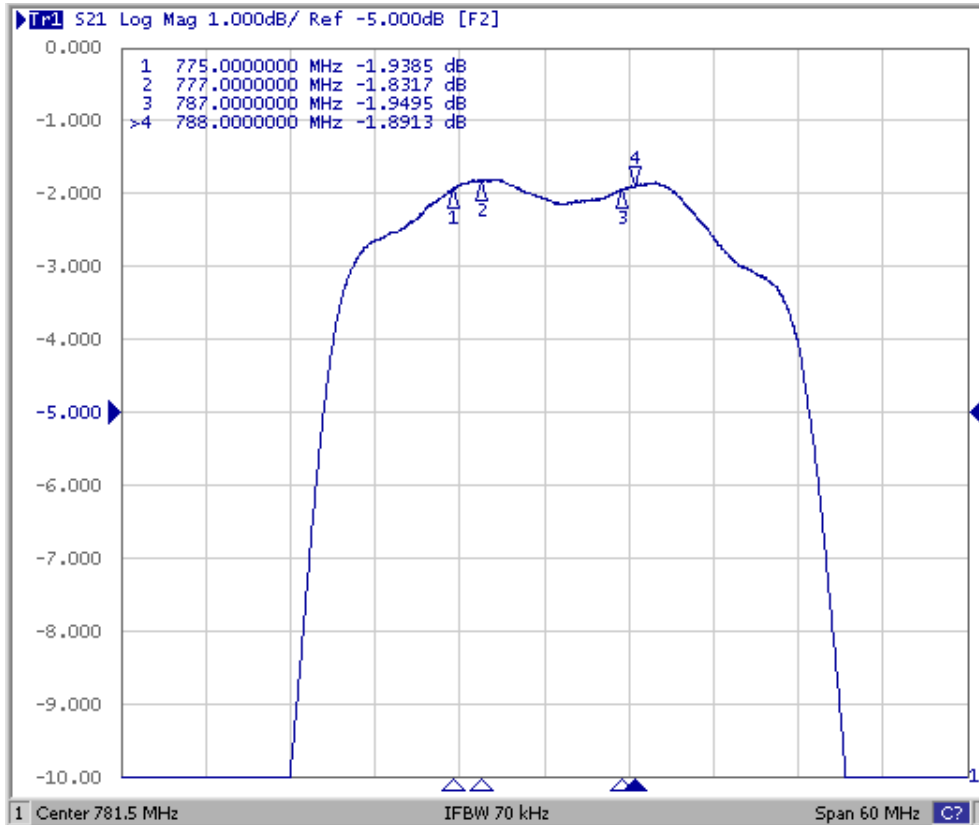
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS: (typical performance at 25°C)

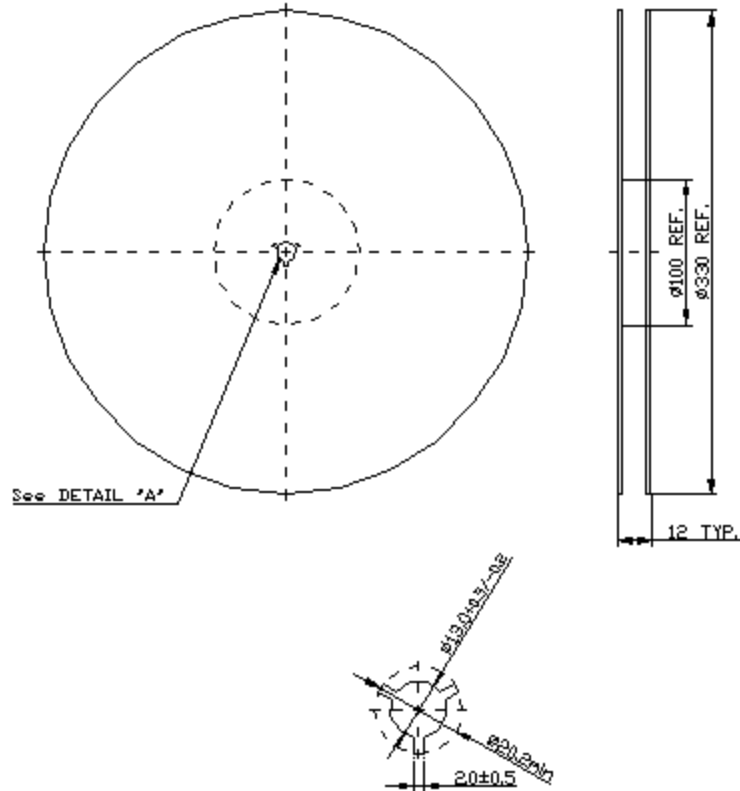


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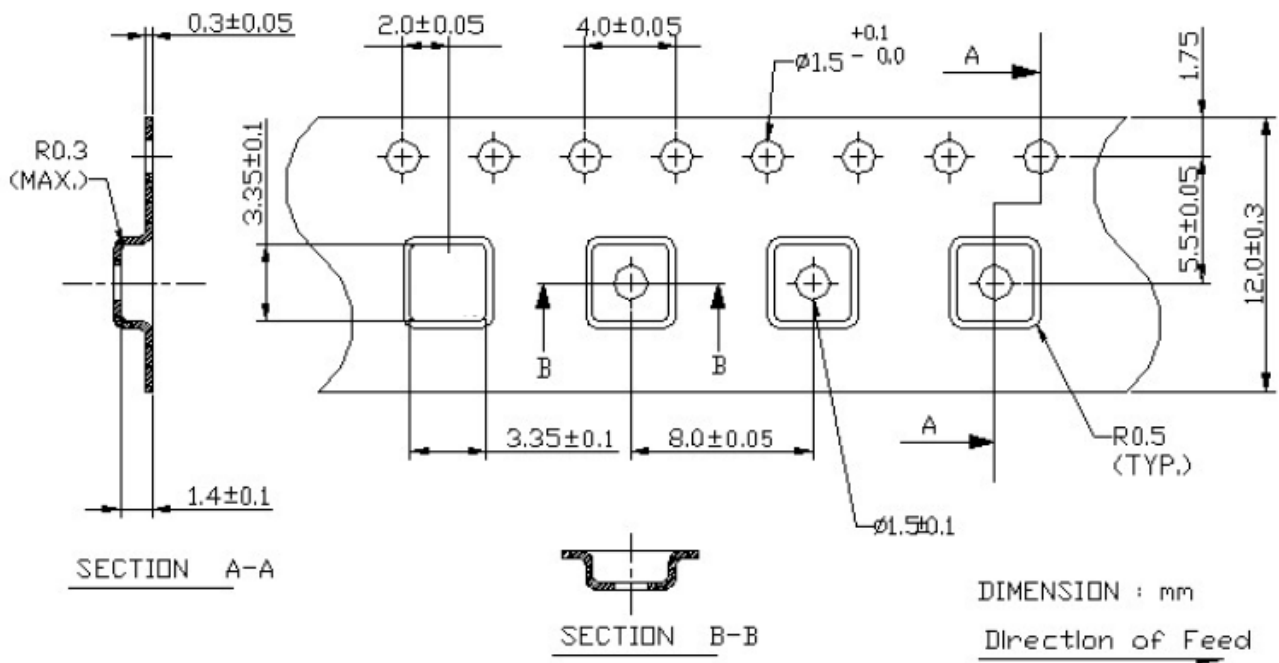
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G. PACKING:

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

1. Preheating shall be fixed at 150 ~ 180°C for 60 ~ 90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50 ~ 80 seconds and at 250 ± 10°C peak (max. 10sec).
4. Time: 2 times.

