

SAW Filter 2636.50MHz
Part No: MP04343

Model: TA1162A
Rev No. 2

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

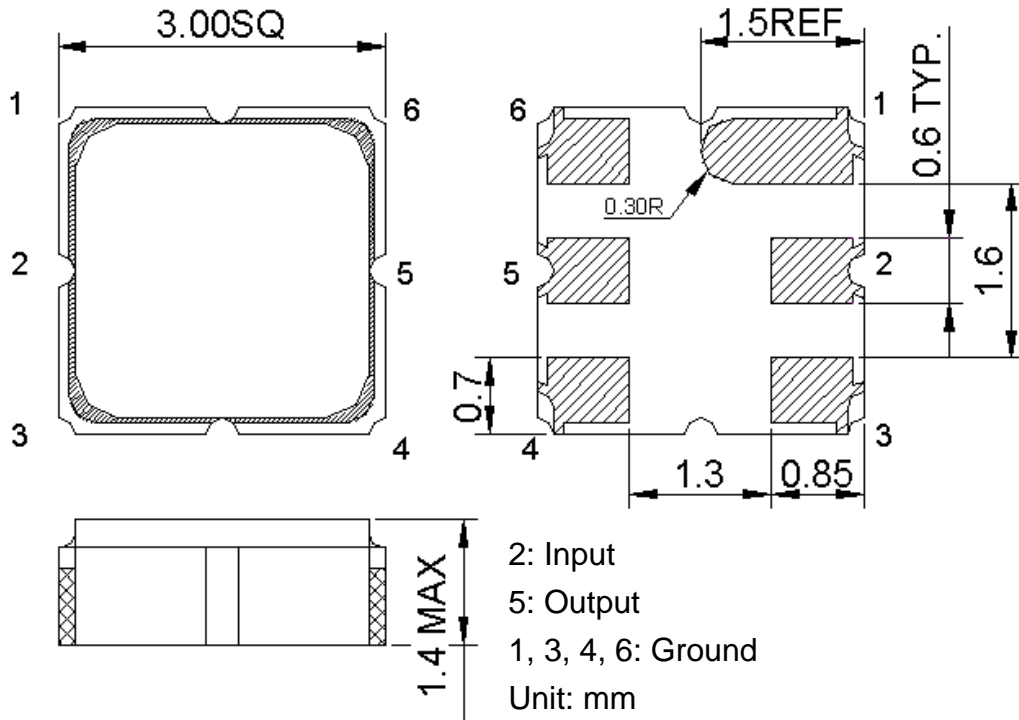
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2636.5	-	-
Insertion Loss (2588 ~ 2685MHz) IL	dB	-	2.6	3.6	-
Amplitude Ripple (2588 ~ 2685MHz)	dB	-	1.6	2.4	-
VSWR (2588 ~ 2685MHz)		-	2	2.5	-
Attenuation (Reference level from 0dB)					
DC ~ 2520MHz	dB	25	29	-	-
2750 ~ 4000MHz	dB	30	34	-	-
4000 ~ 5000MHz	dB	15	24	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

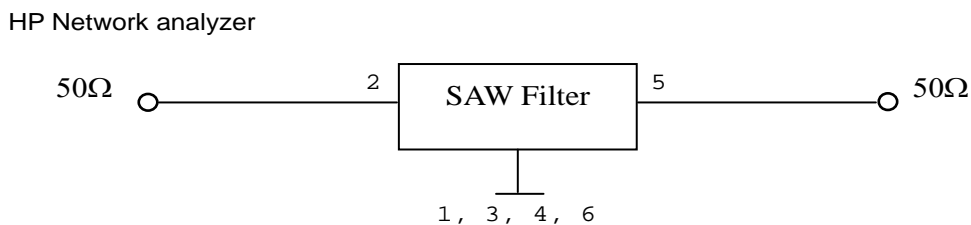
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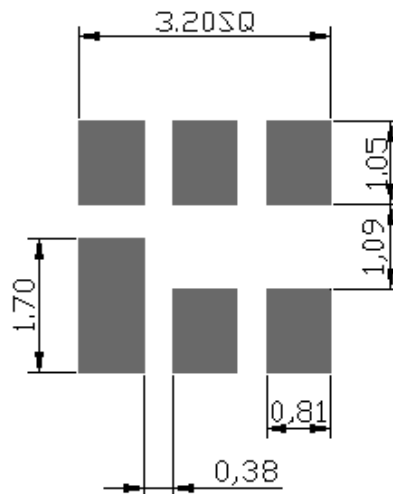
C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:



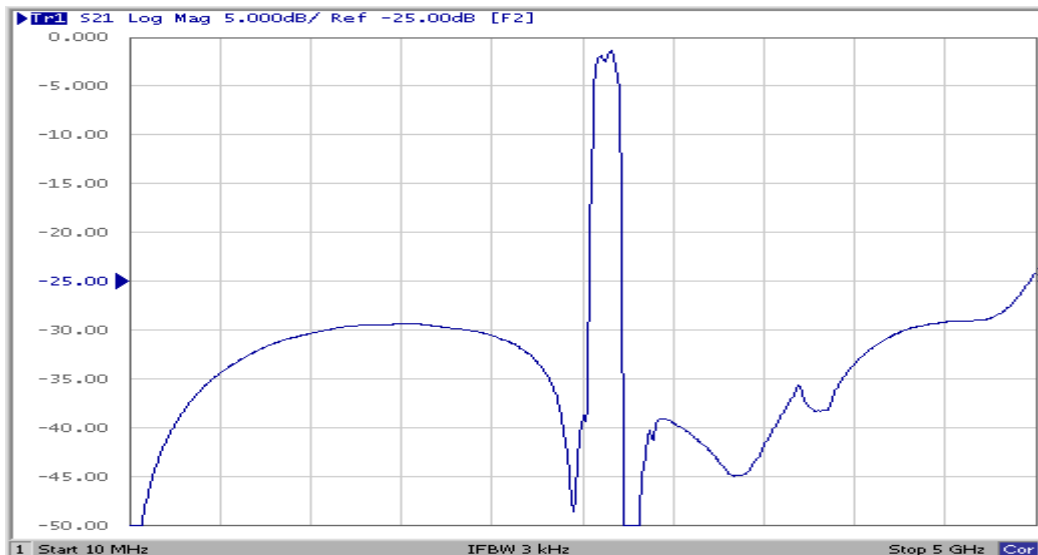
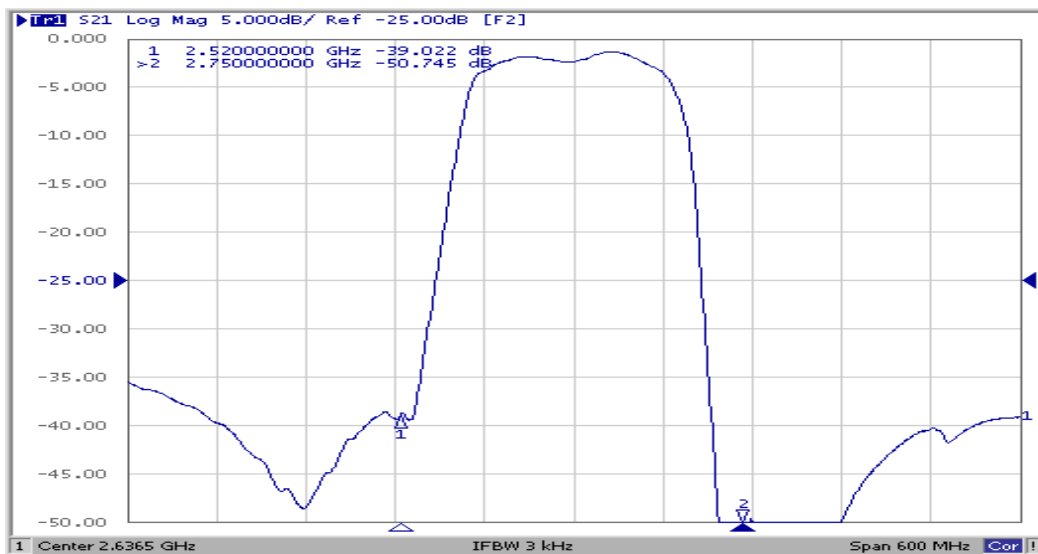
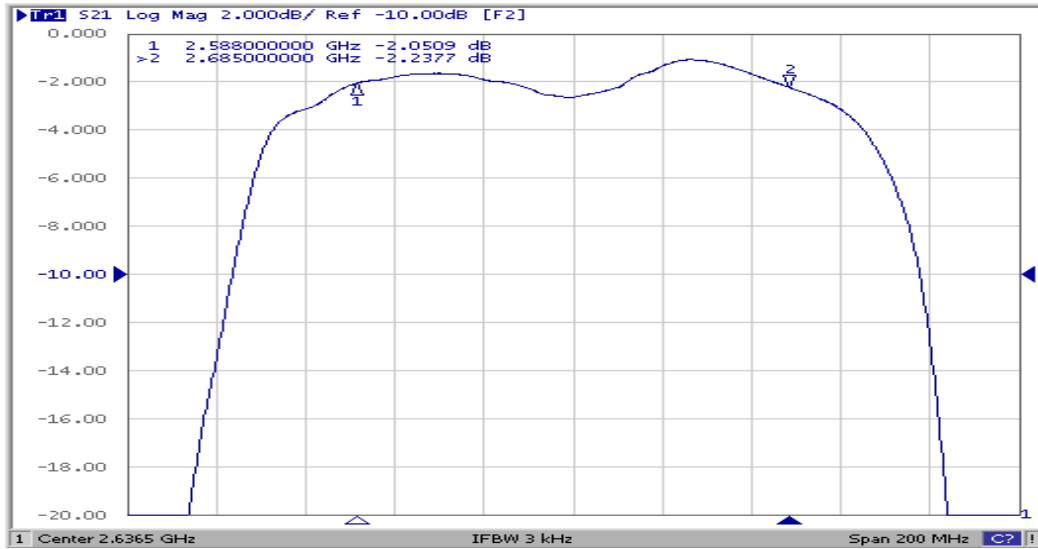
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

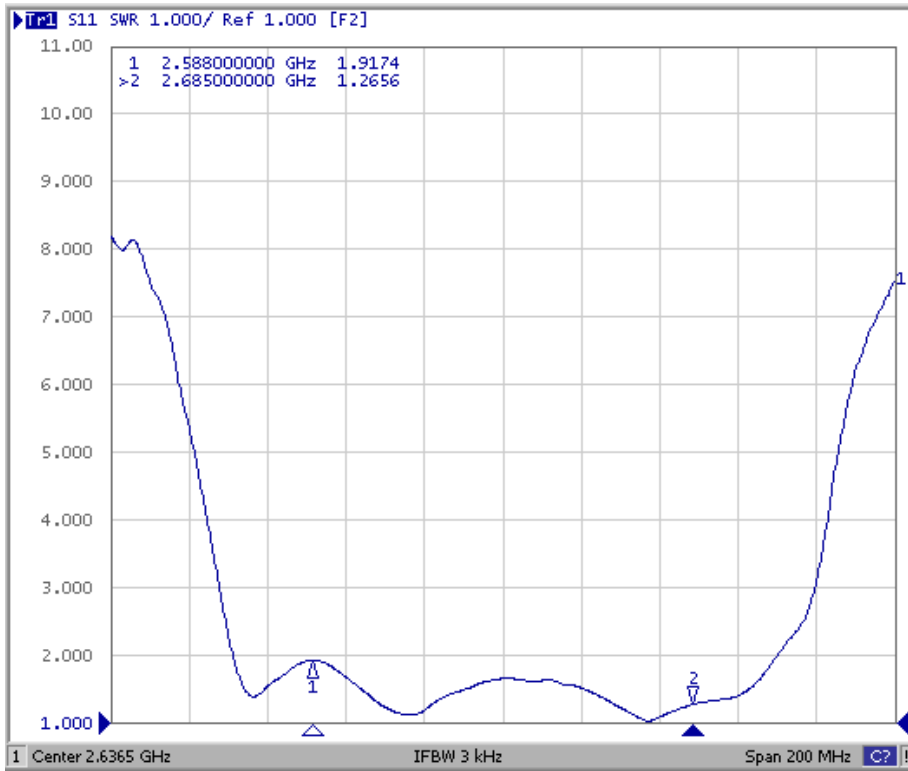


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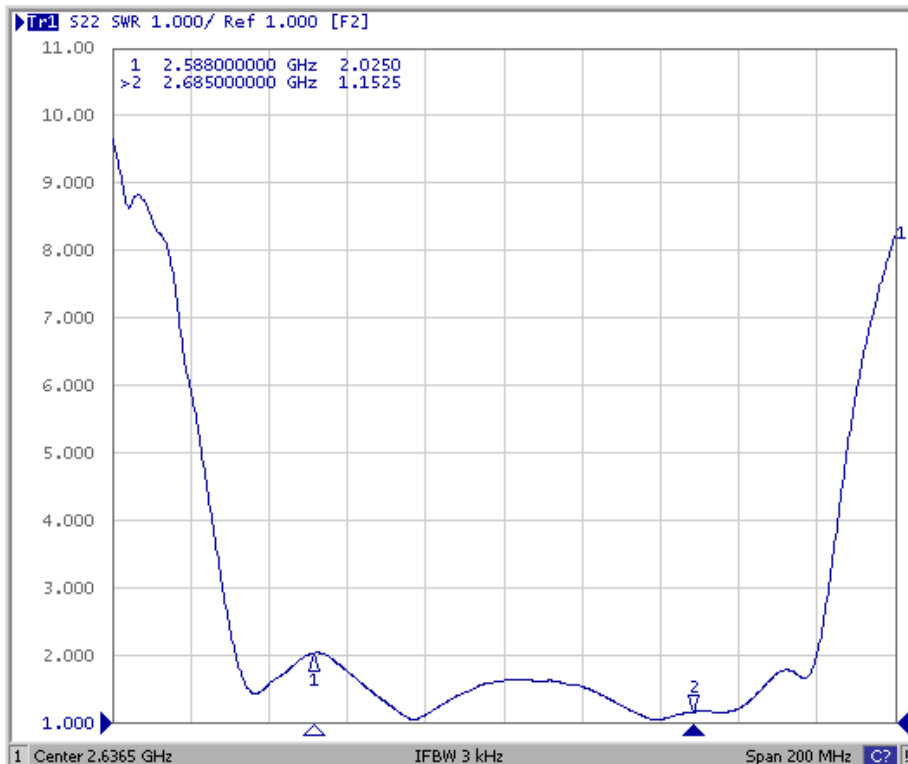
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Reflection Functions

S11



S22



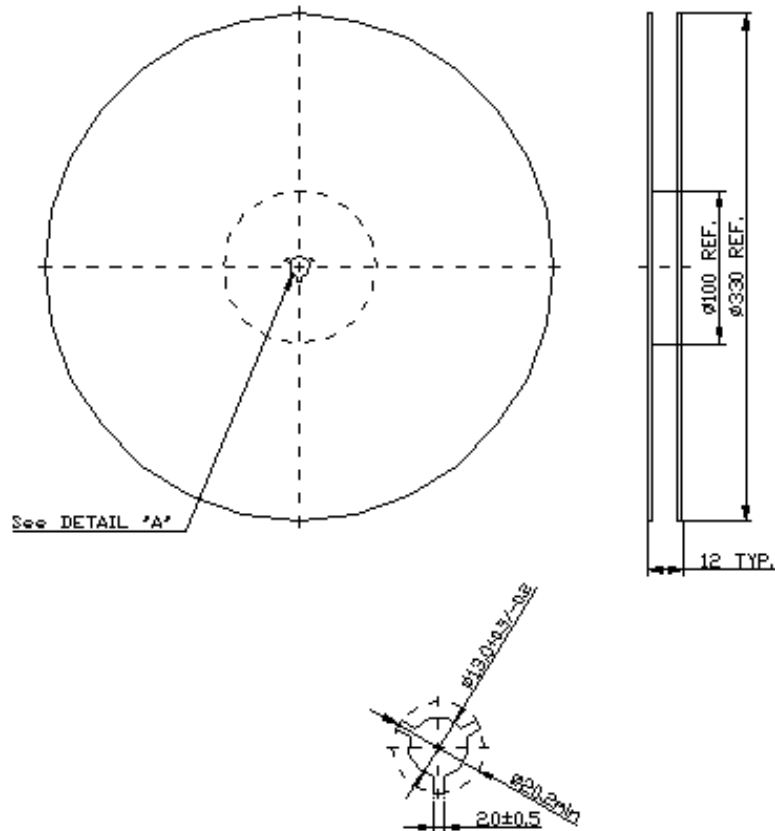
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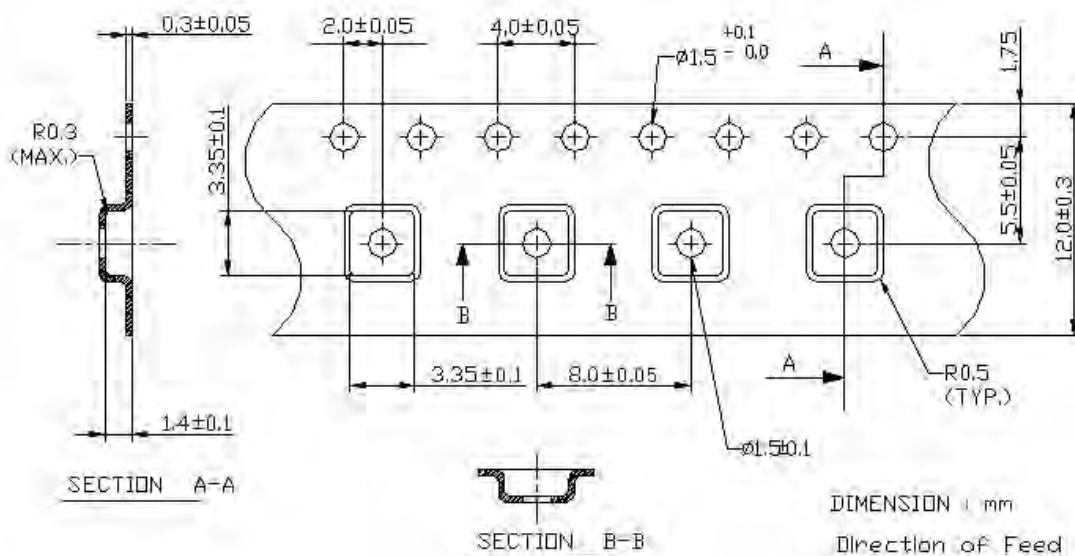
G. PACKING:

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 245 ~ 260°C peak (min. 10sec).
4. Time: 2 times.

