

SAW Filter 1232.0MHz
Part No: MP05957

Model: TA0925B
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

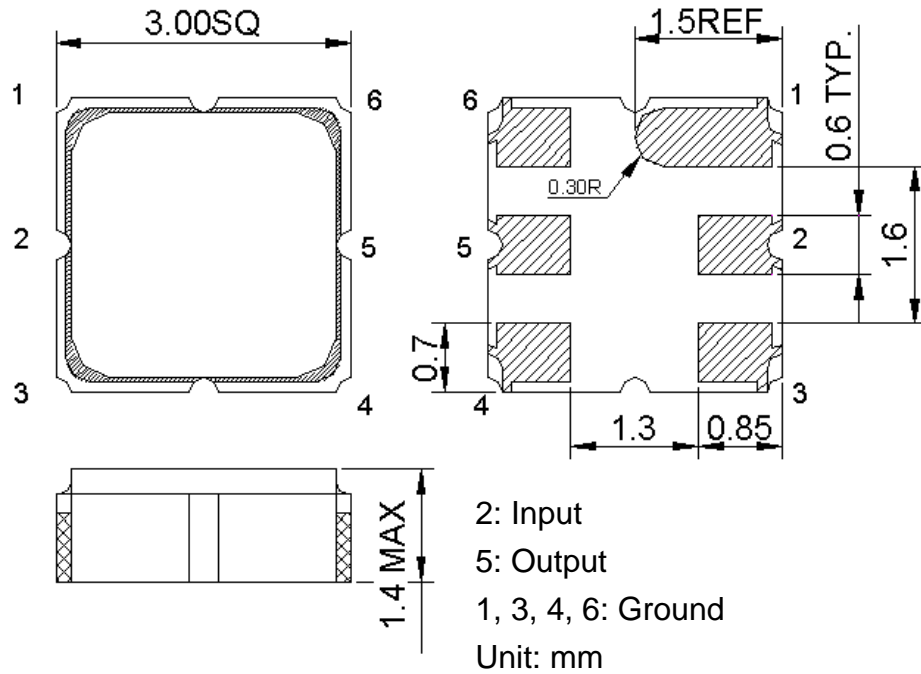
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1232	-	-
Min. Insertion loss IL	dB	-	2.1	5	-
Bandwidth @ -3dB	MHz	6	23.5	-	-
Amplitude Ripple (1229 ~ 1235MHz)	dB	-	0.3	3	-
VSWR (1229 ~ 1235MHz)		-	1.7	2.3	-
Attenuation (Reference level from 0dB)					
800 ~ 1150MHz	dB	40	58	-	-
1150 ~ 1180MHz	dB	20	51	-	-
1265 ~ 2000MHz	dB	35	50	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

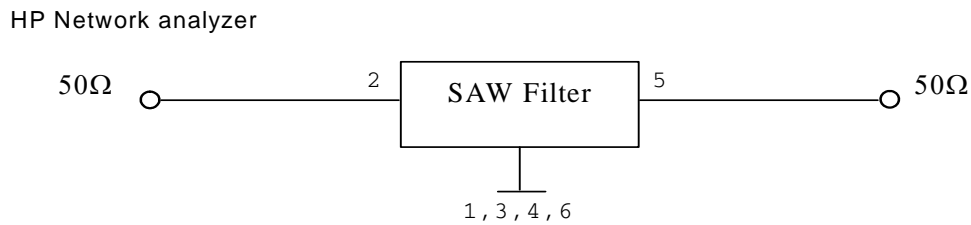
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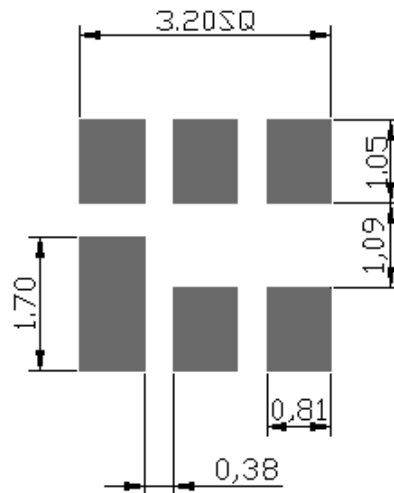
C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:



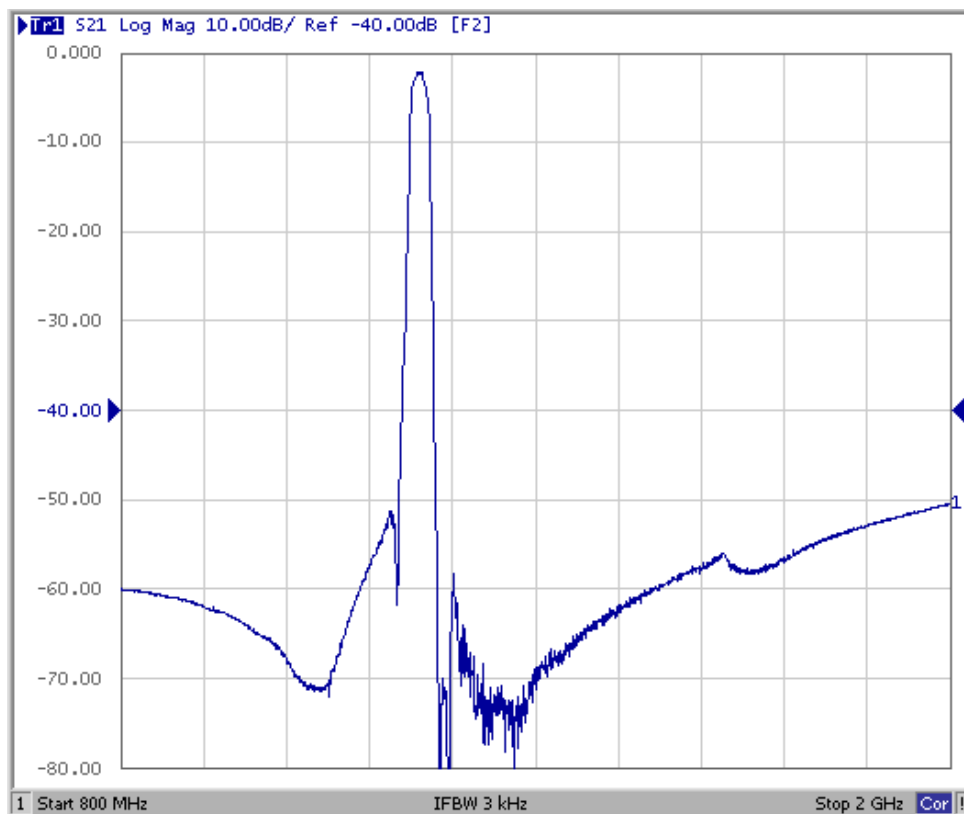
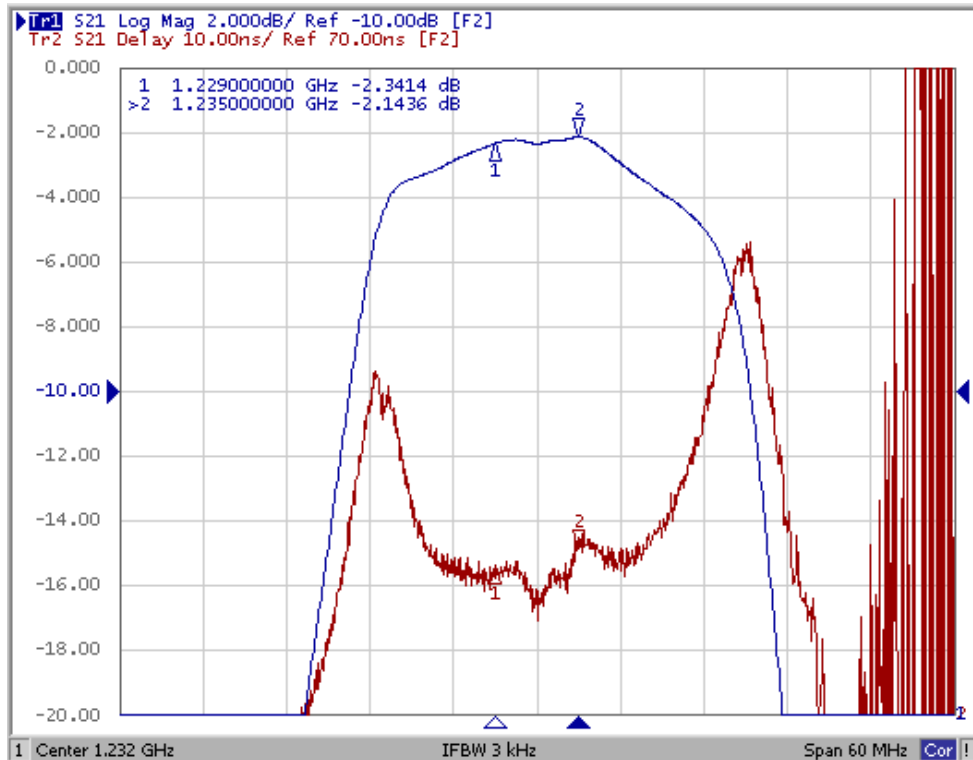
E. PCB FOOTPRINT:



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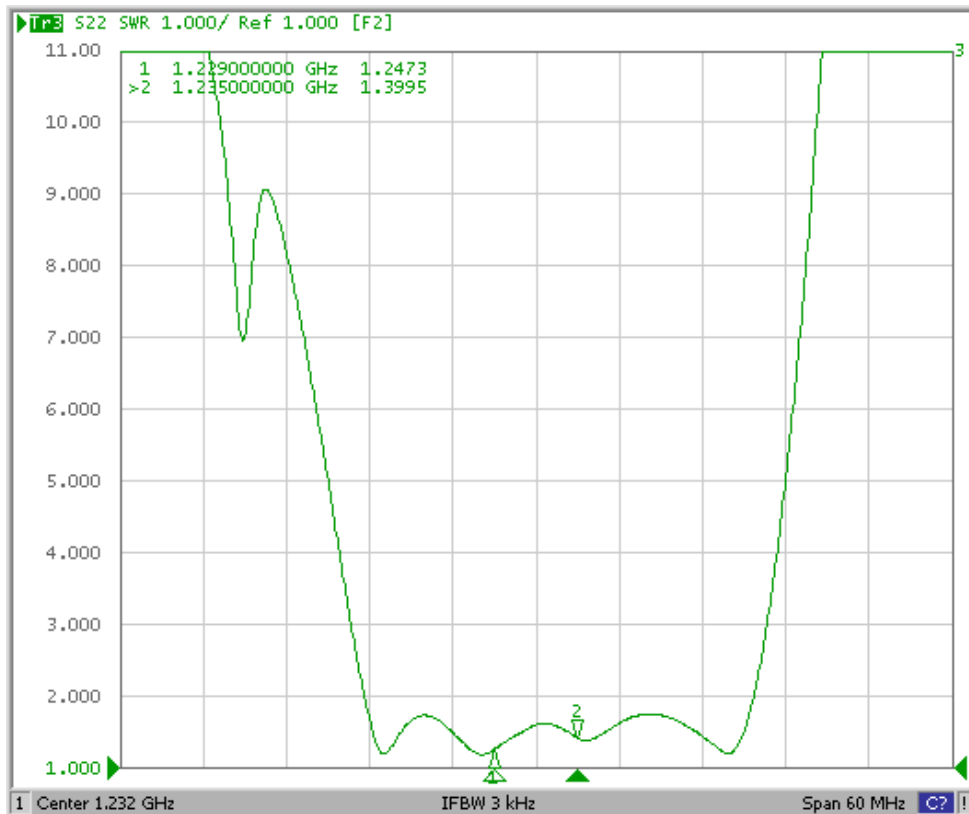
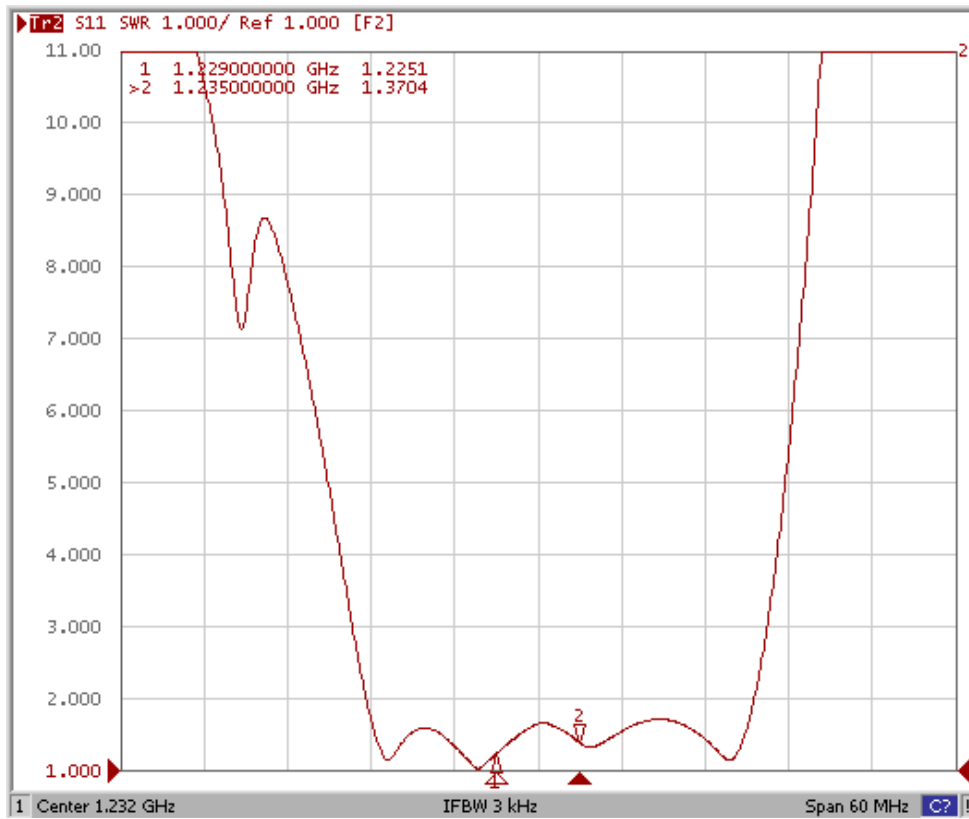
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F. FREQUENCY CHARACTERISTICS:



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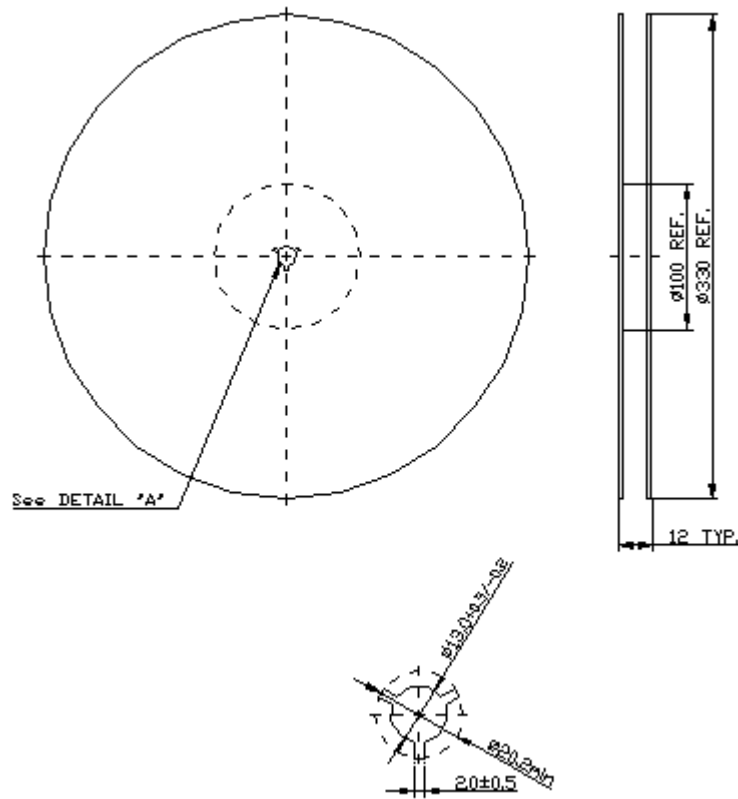


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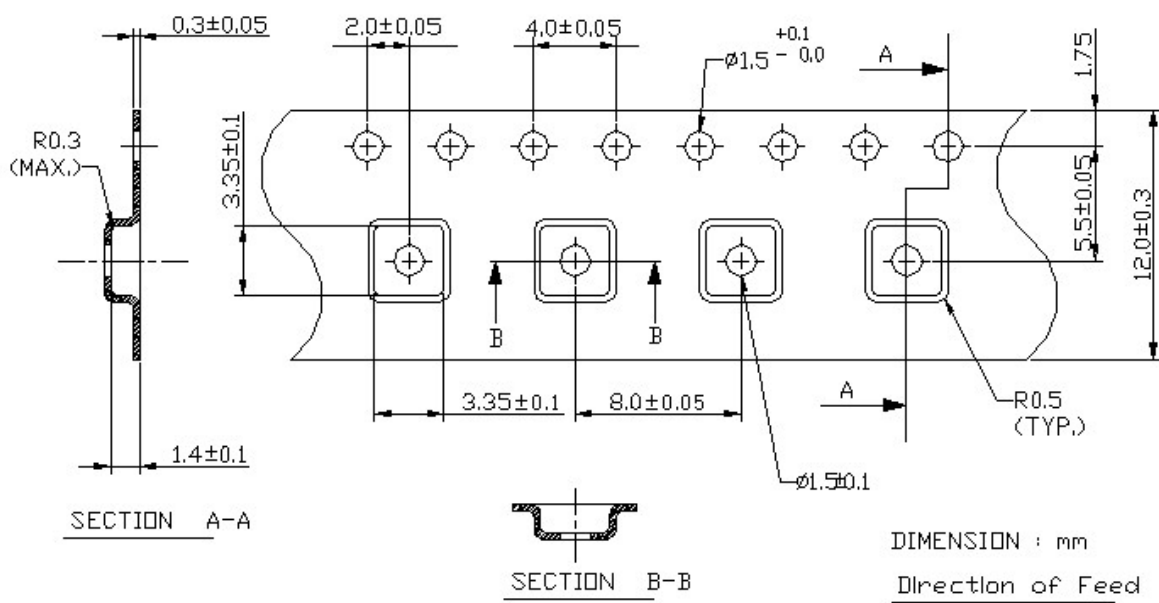
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

1. Preheating shall be fixed at 150 ~ 180°C for 60 ~ 90seconds.
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. 10 sec).
4. Time: 2 times.

