

SAW Filter 2250.0MHz
Part No: MP09710

Part No: TA0700D
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

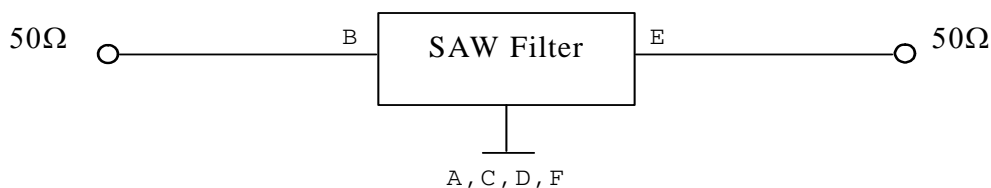
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +90°C
4. Storage Temperature: -40°C to +90°C
5. Moisture Sensitivity Level: Level 1
6. ESD 50V (MM), 100V (HBM)

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2250	-	-
Insertion Loss (2200 ~ 2300MHz) IL	dB	-	3.2	4.5	-
Amplitude Ripple (2200 ~ 2300MHz)	dB	-	1.9	3	-
VSWR (2200 ~ 2300MHz)		-	1.9	2.5	-
Attenuation (Reference level from 0dB)					
D.C. ~ 2160MHz	dB	25	28	-	-
2340 ~ 4000MHz	dB	25	32.5	-	-

C. MEASUREMENT CIRCUIT:

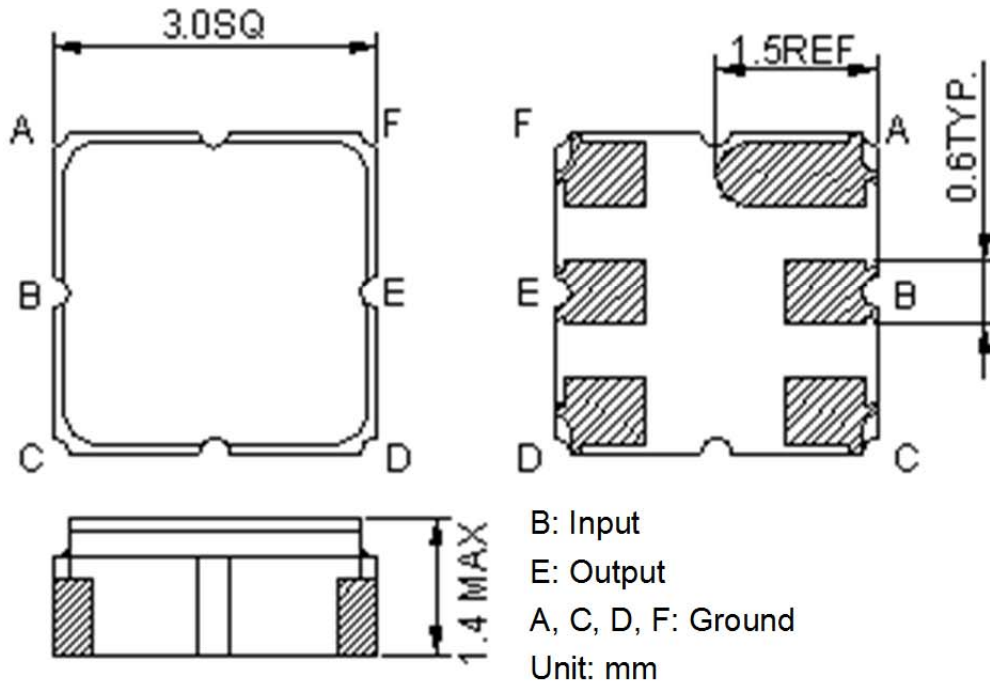
HP Network analyzer



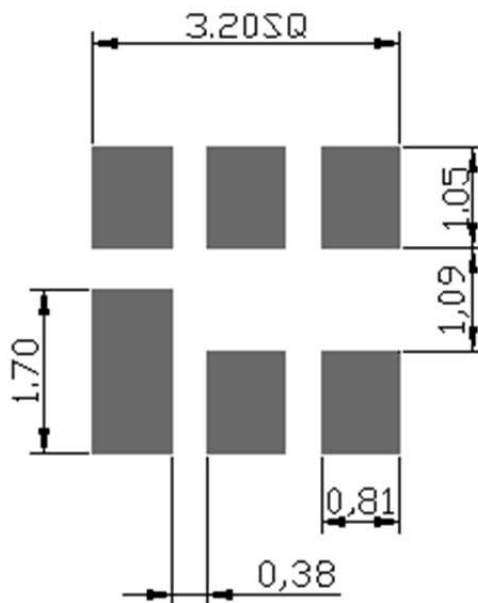
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D. OUTLINE DRAWING:



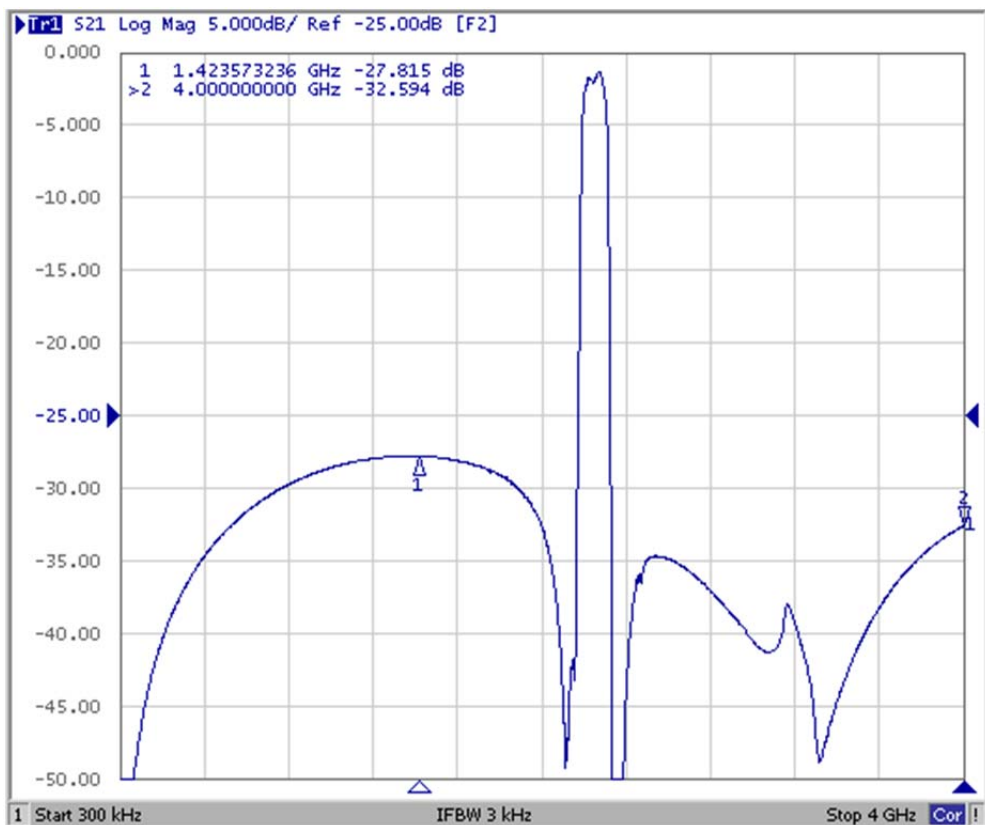
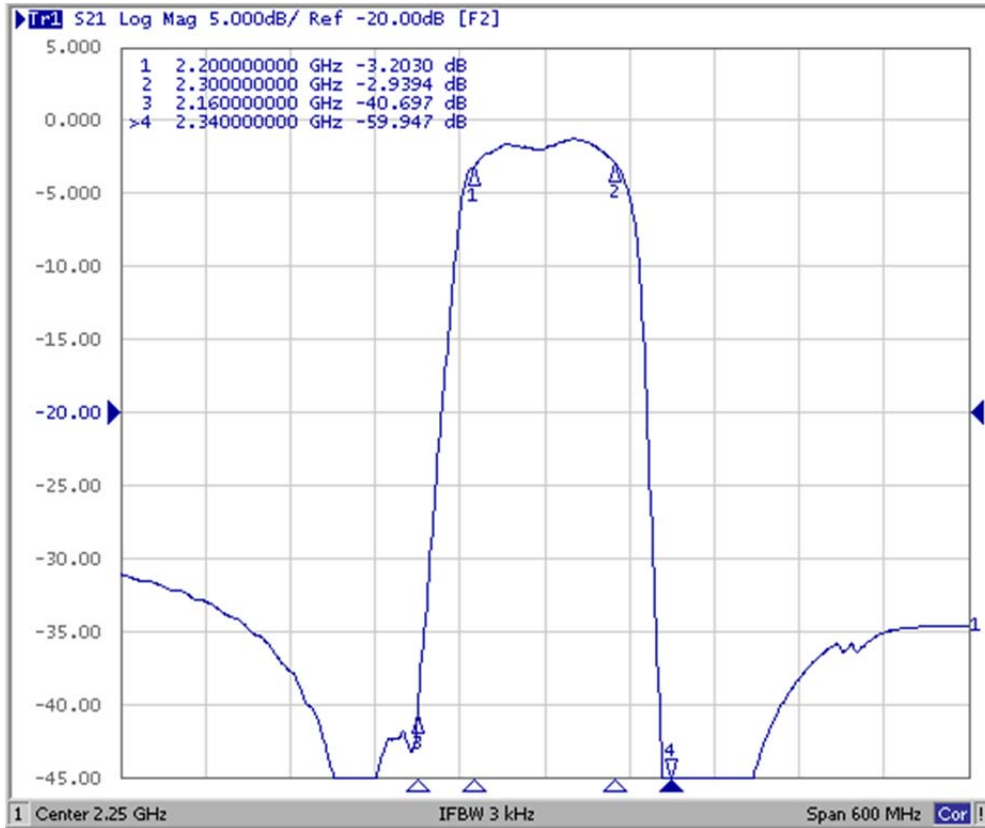
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

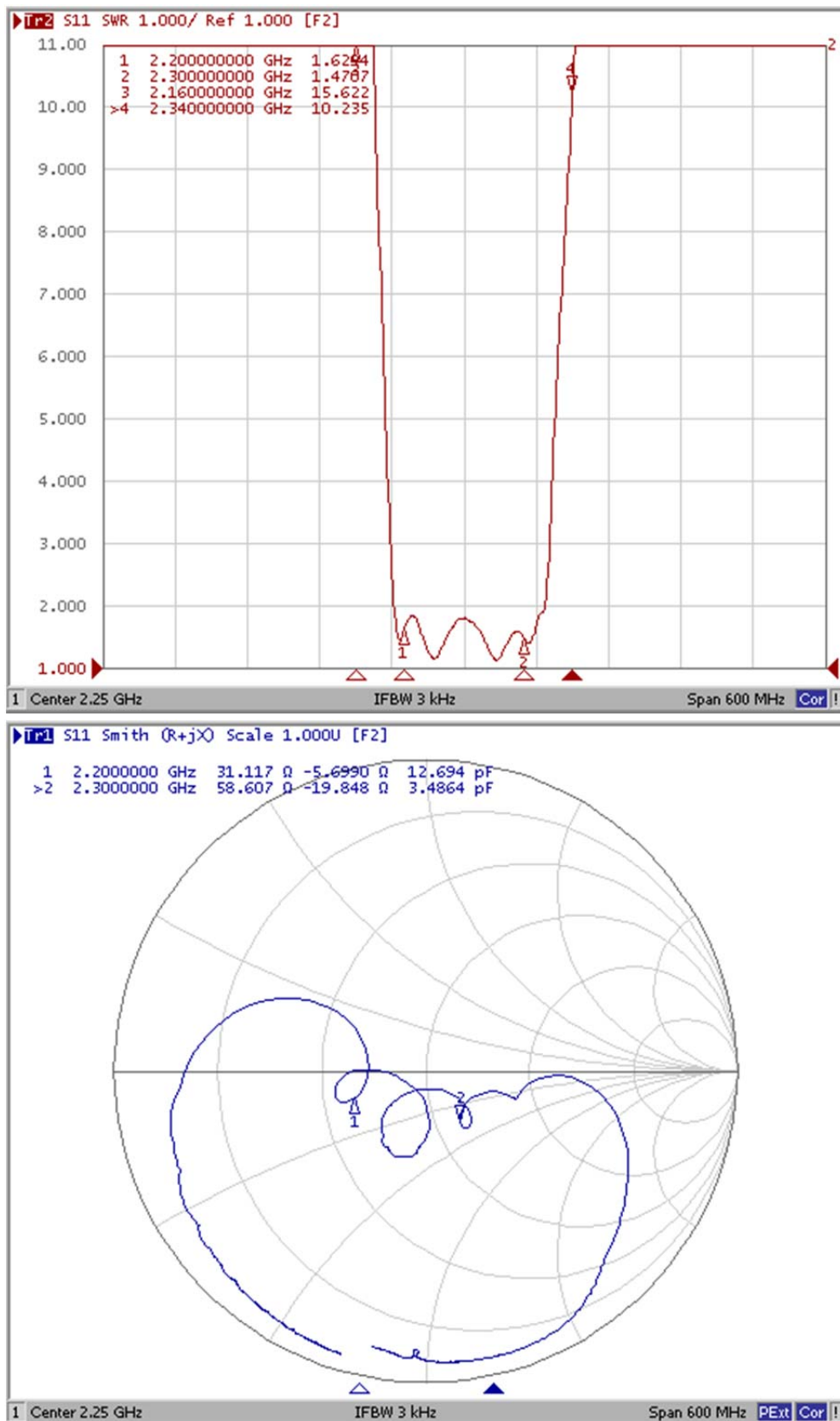


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Reflection Functions

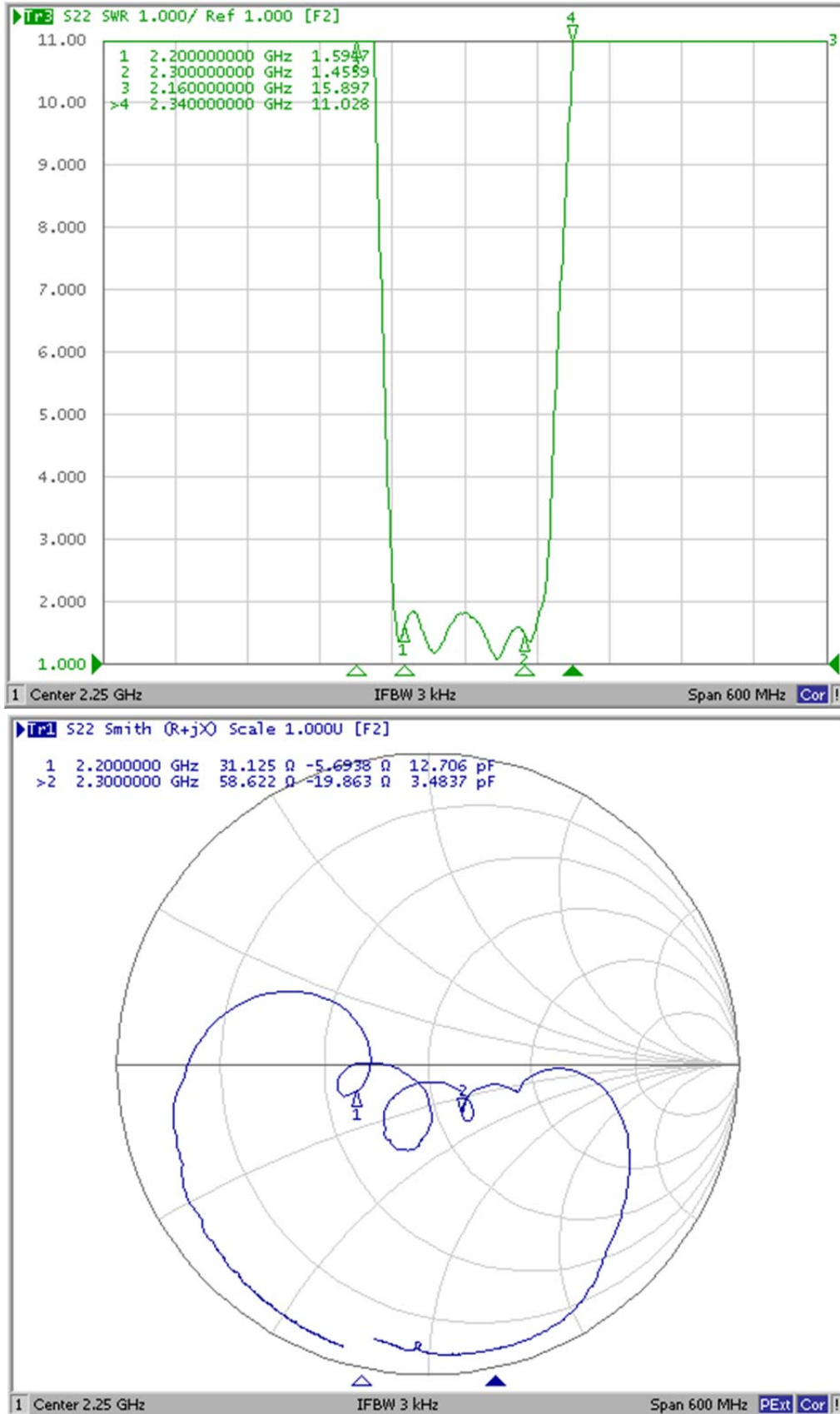
S11



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S22



SAW Filter 2250.0MHz

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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. 10 sec).
4. Time: 2 times.

