

SAW Filter: 772.0MHz
Part No: MP06264

Model: TA1641A
Rev No: 2

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

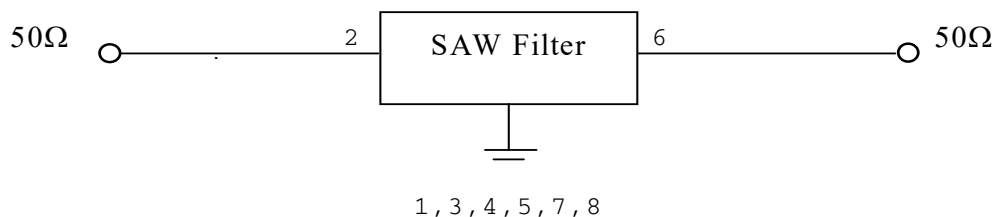
1. Input Power Level: 20dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C
5. Moisture Sensitivity Level: Level 1 (MSL1)

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	772	-
Insertion Loss (768 ~ 776MHz) IL	dB	-	2.8	3.8
Amplitude Ripple (768 ~ 776MHz)	dB	-	0.4	2.2
Attenuation (Reference level from 0dB)				
DC ~ 754MHz	dB	35	50	-
754 ~ 756MHz	dB	22	47	-
788 ~ 890MHz	dB	11	24	-
890 ~ 1500MHz	dB	35	57	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

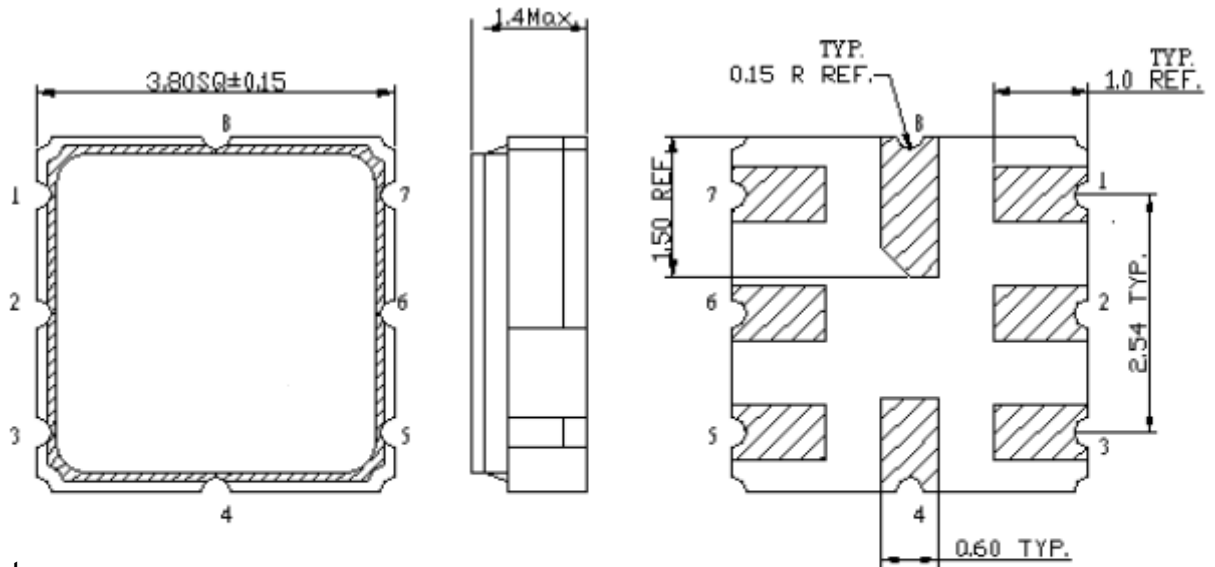
HP Network analyzer



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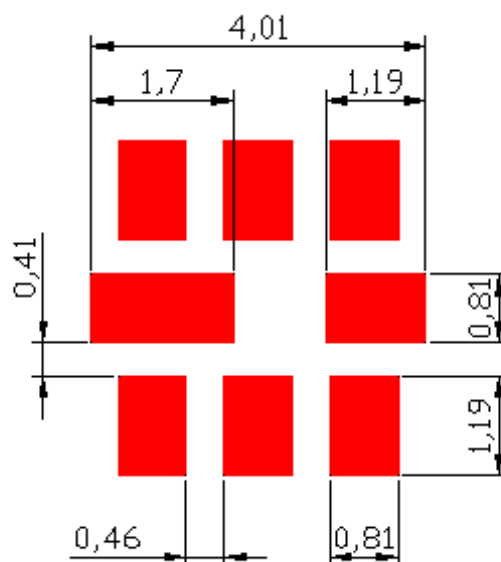
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D. OUTLINE DRAWING:



- 2: Input
- 6: Output
- 1, 3, 4, 5, 7, 8: Ground
- Unit: mm

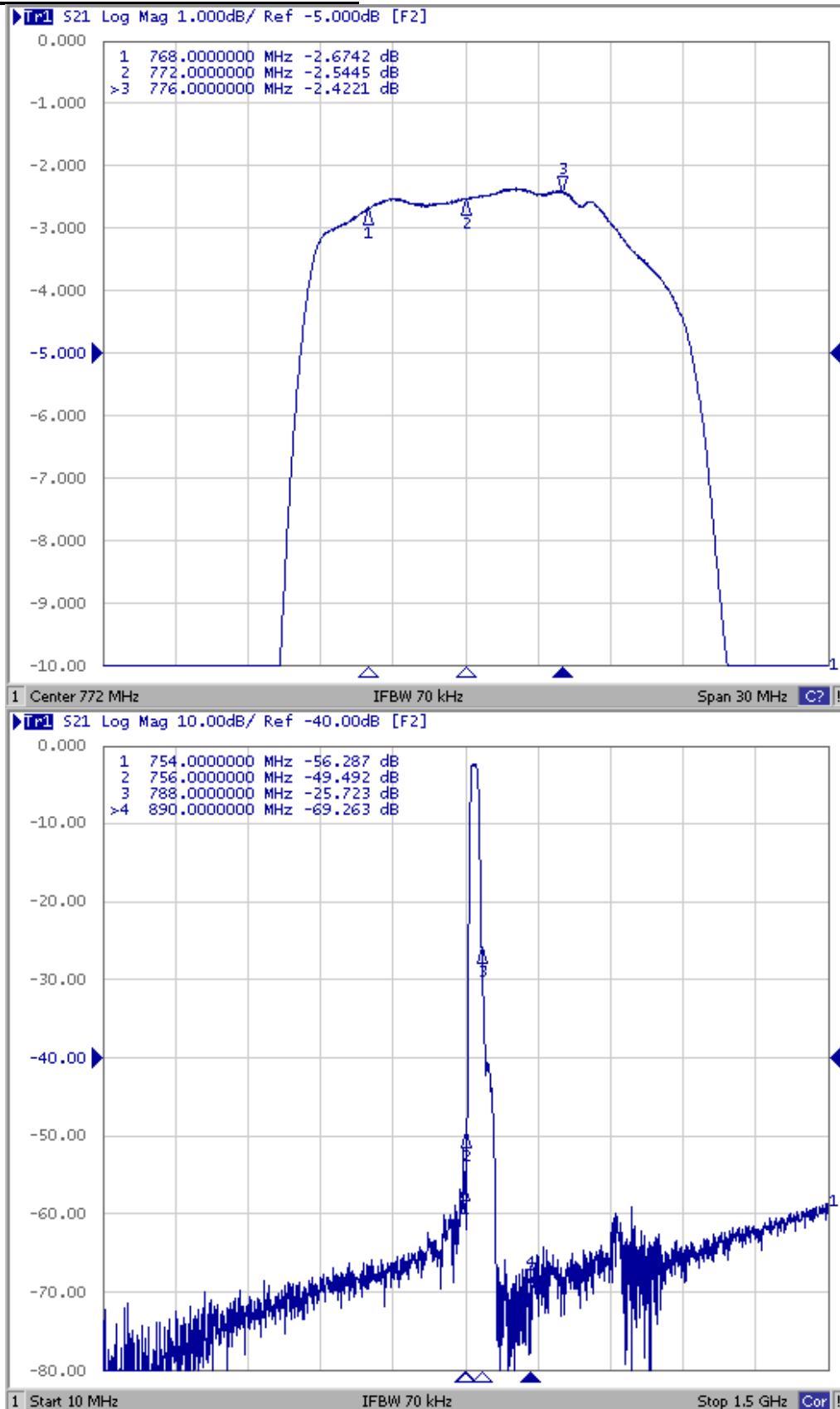
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

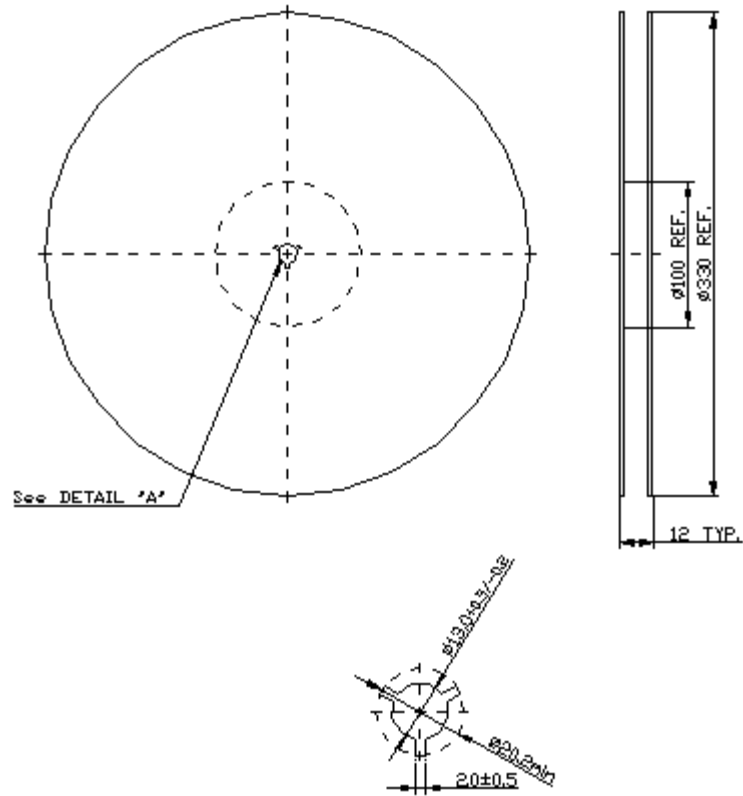


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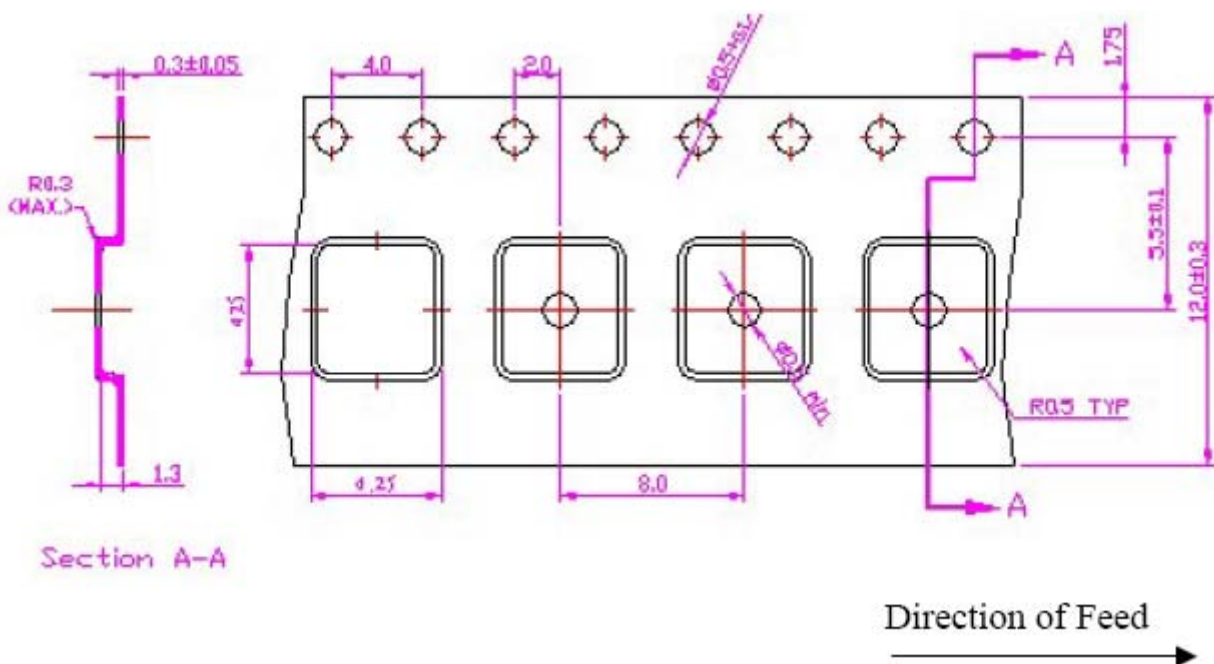
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G. PACKING:

1. Reel Dimensions



2. Tape Dimensions



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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 260°C +0/-5°C peak (20 ~ 40 sec).
4. Time: 2 times.

