

SAW Filter: 796.50MHz
Part No: MP10414

Model: TA2067A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

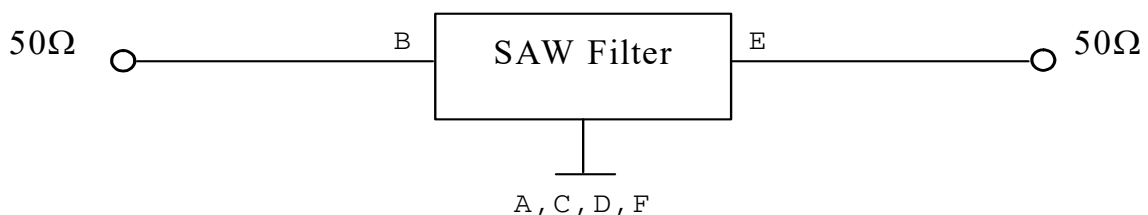
1. Input Power Level: 15dBm
2. DC voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	796.5	-
Insertion Loss (788 ~ 805MHz) IL	dB	-	3.1	5.6
Amplitude Ripple (788 ~ 805MHz)	dB	-	1.5	4.0
Amplitude Ripple (788 ~ 798 MHz) (at 25°C only)	dB	-	1.5	2.0
Attenuation (Reference level from 0 dB)				
10 ~ 760MHz	dB	30	40	-
775MHz	dB	25	35	-
830 ~ 2000MHz	dB	30	41	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

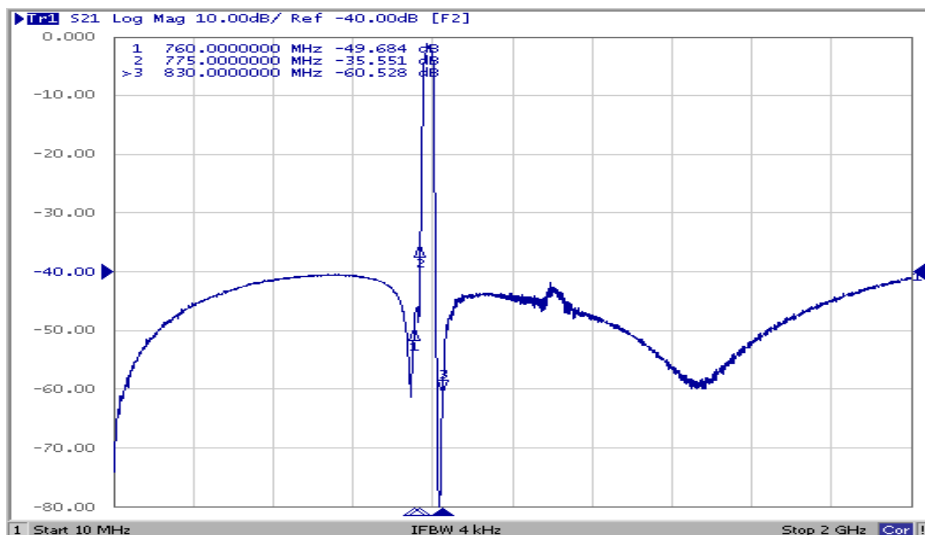
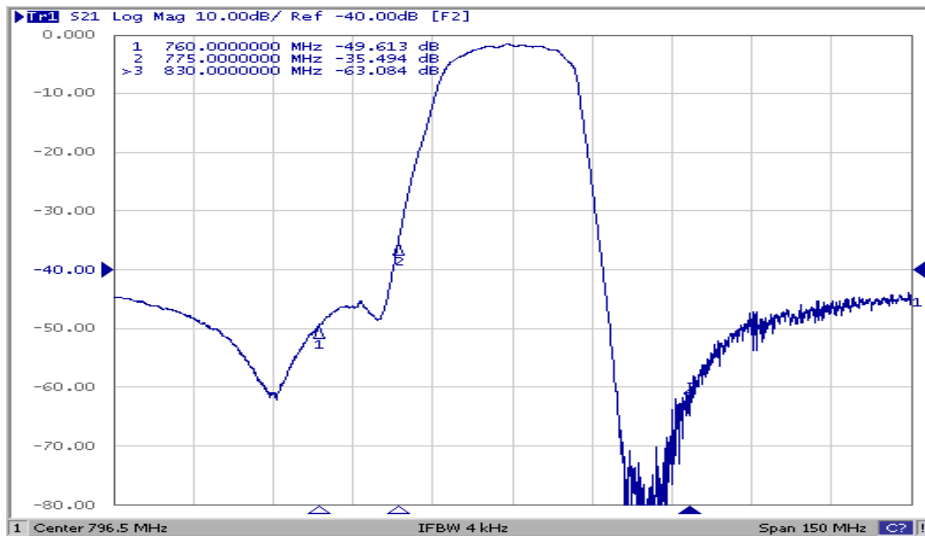
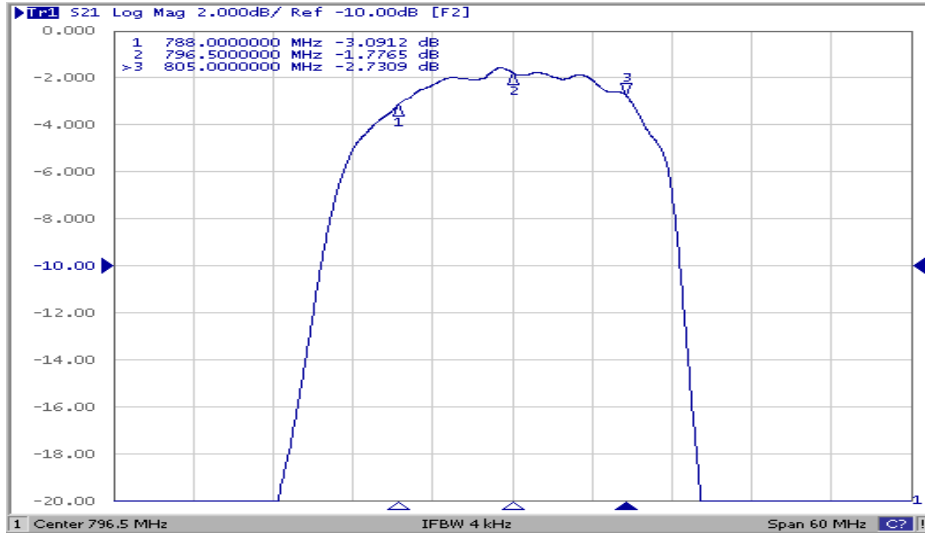
HP Network analyzer



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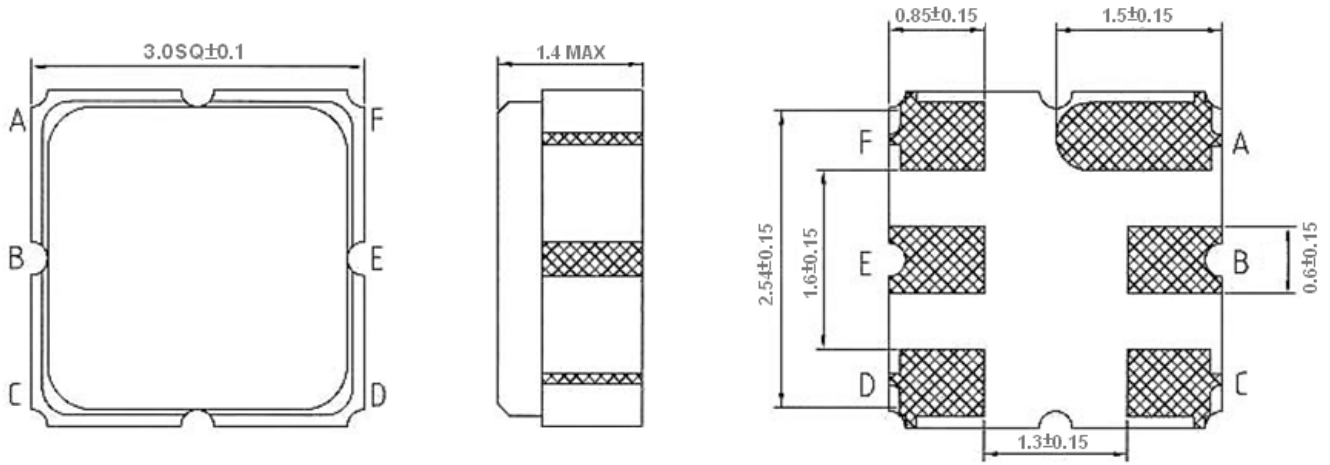
D. FREQUENCY CHARACTERISTICS:



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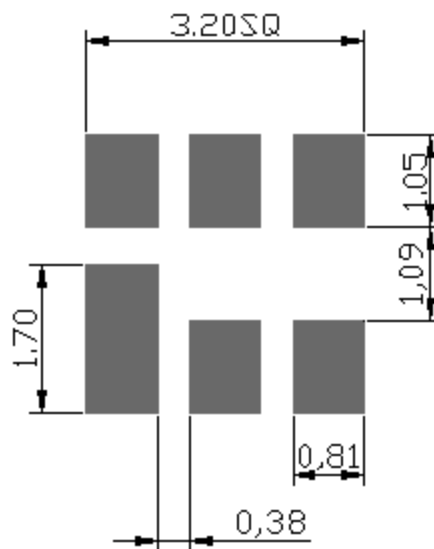
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E. OUTLINE DRAWING:



B: Input
 E: Output
 A, C, D, F: Ground
 Unit: mm

F. PCB FOOTPRINT:

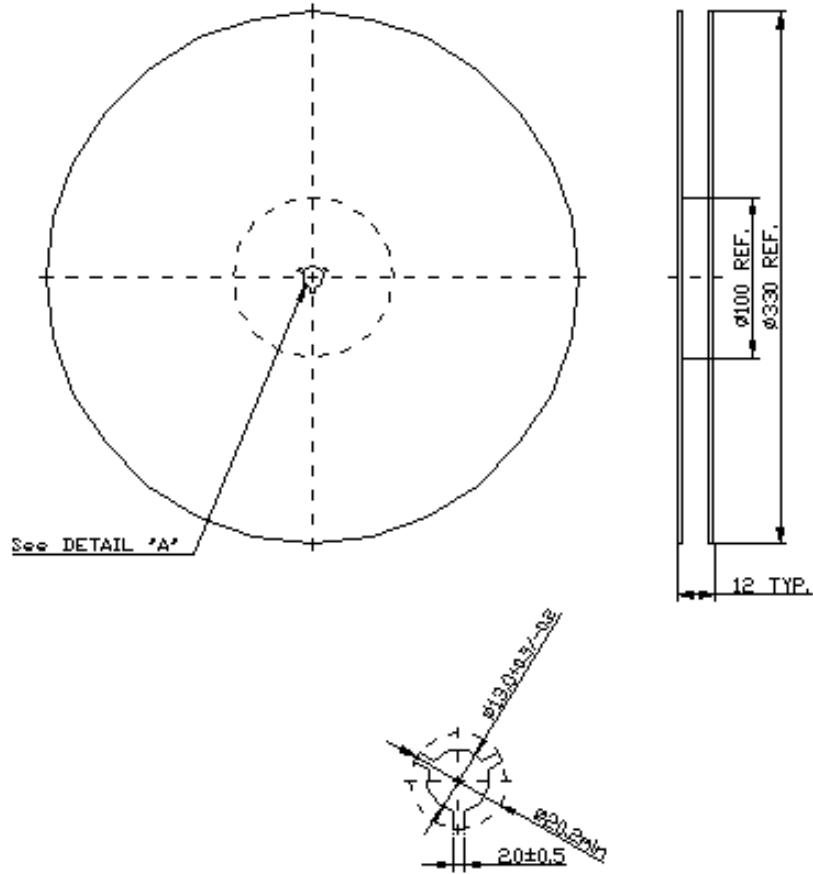


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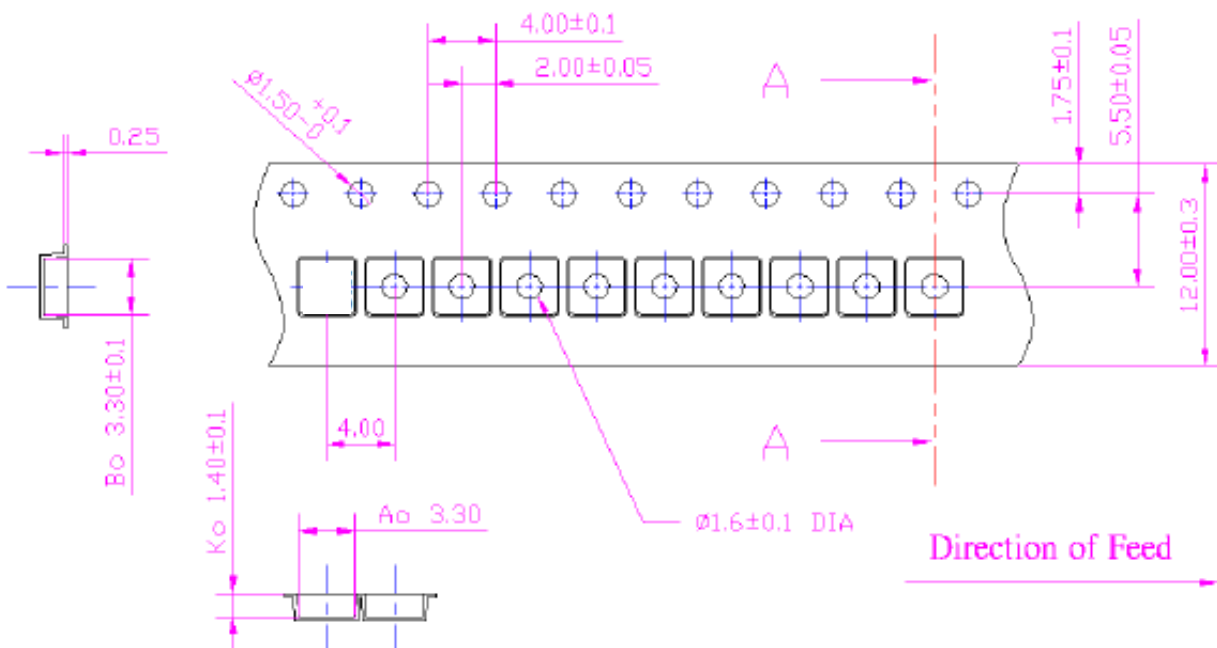
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G. PACKING:

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.

