

SAW Filter 423.0MHz
Part No: MP03991

Model: TA1105A
Rev No: 1

A. MAXIMUM RATING:

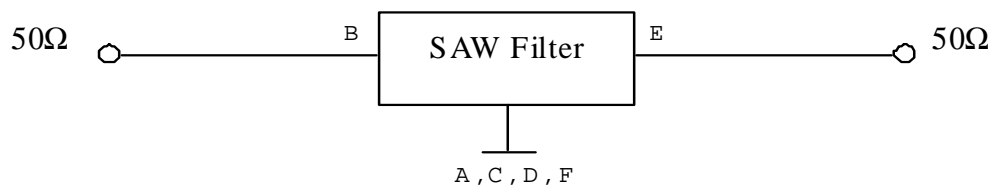
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

| Item | Unit | Min. | Typ. | Max. |
|--|------|------|------|------|
| Center frequency Fc | MHz | - | 423 | - |
| Insertion Loss (422 ~ 424MHz) IL | dB | - | 1.7 | 3.0 |
| Amplitude Ripple (422 ~ 424MHz) | dB | - | 0.2 | 1.2 |
| VSWR (422 ~ 424MHz) | - | - | 1.3 | 2.2 |
| Attenuation (Reference level from 0dB) | | | | |
| 10 ~ 380MHz | dB | 55 | 70 | - |
| 380 ~ 405MHz | dB | 45 | 58 | - |
| 440 ~ 450MHz | dB | 30 | 41 | - |
| 450 ~ 700MHz | dB | 50 | 58 | - |
| 700 ~ 1000MHz | dB | 42 | 53 | - |

C. MEASUREMENT CIRCUIT:

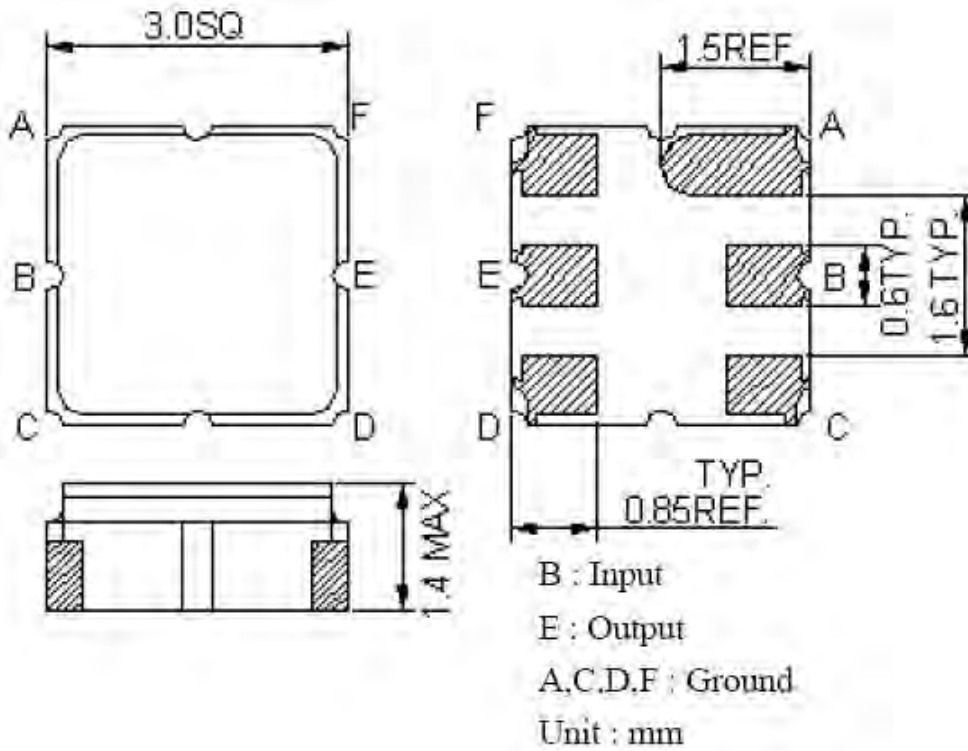
HP Network analyzer



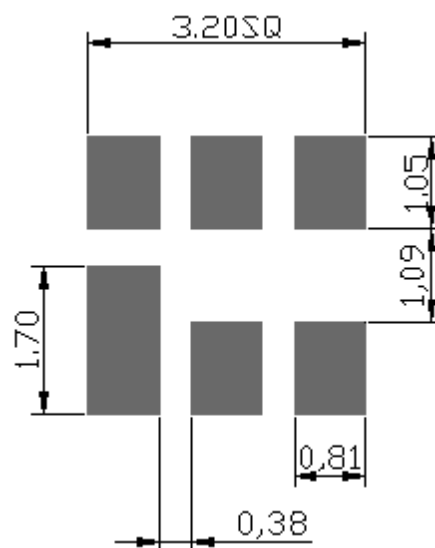
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D. OUTLINE DRAWING:



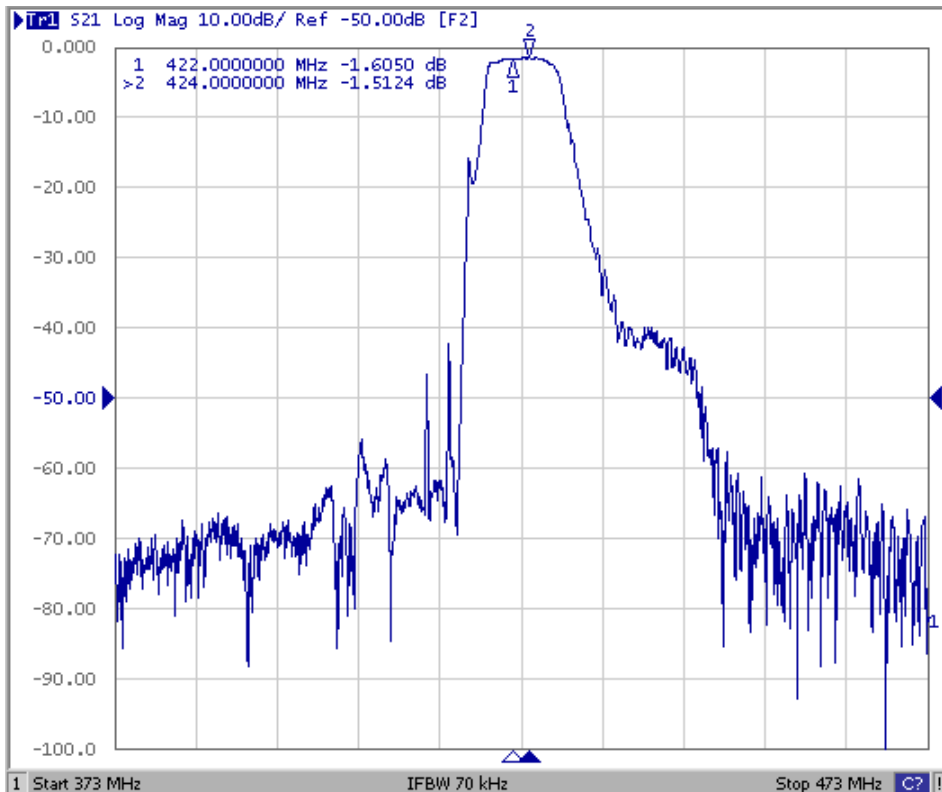
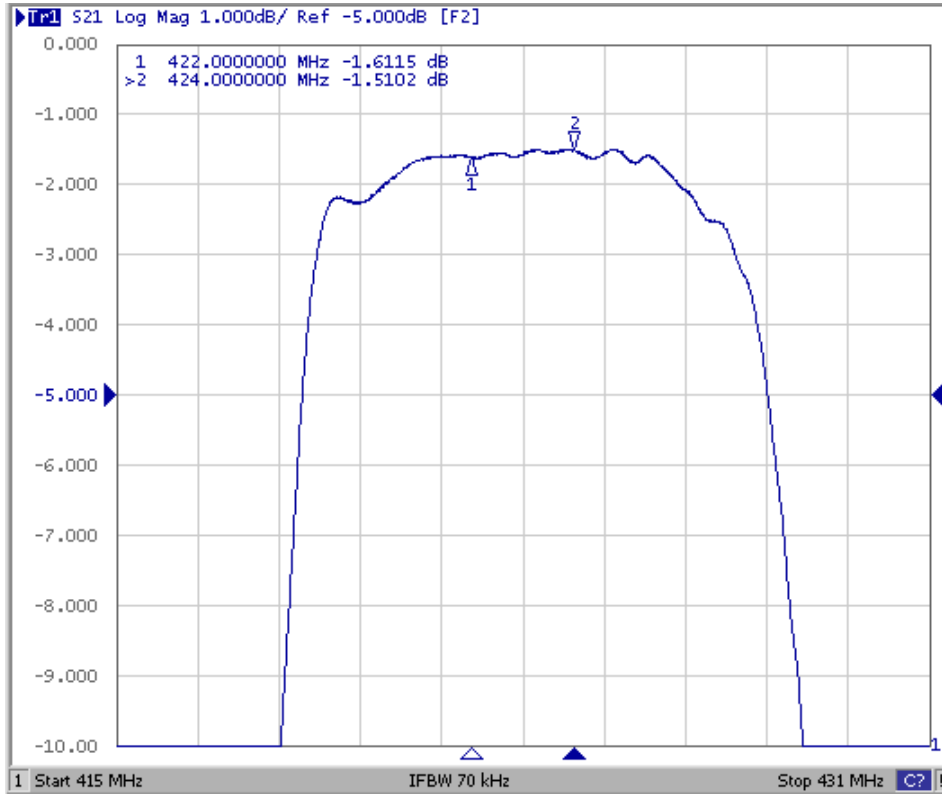
E. PCB FOOTPRINT:



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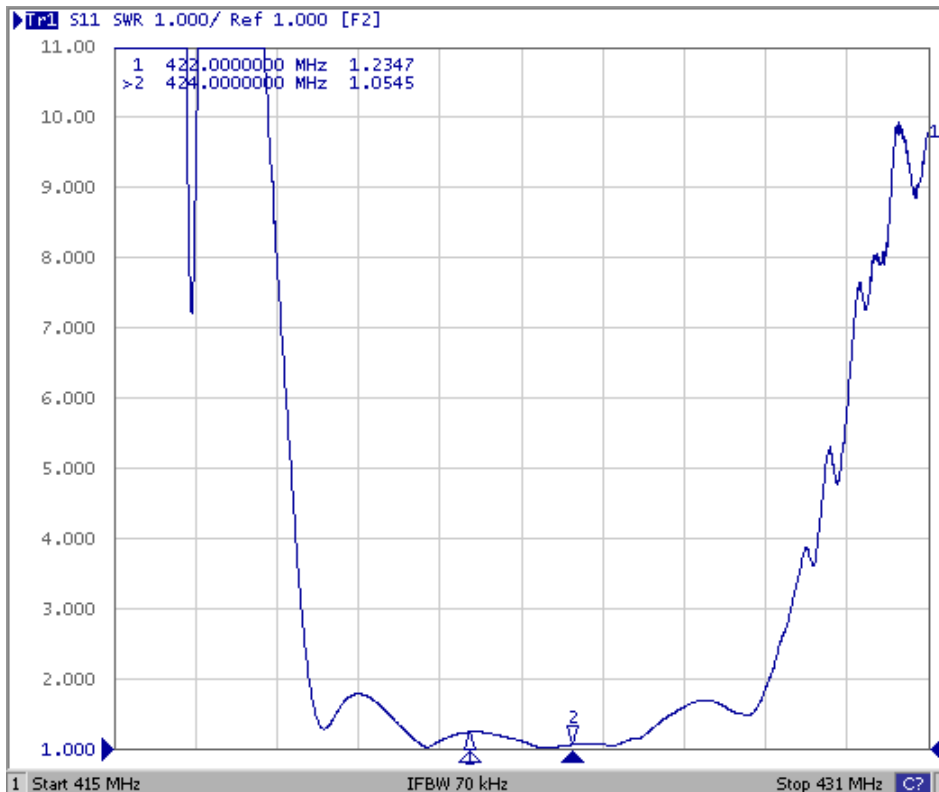
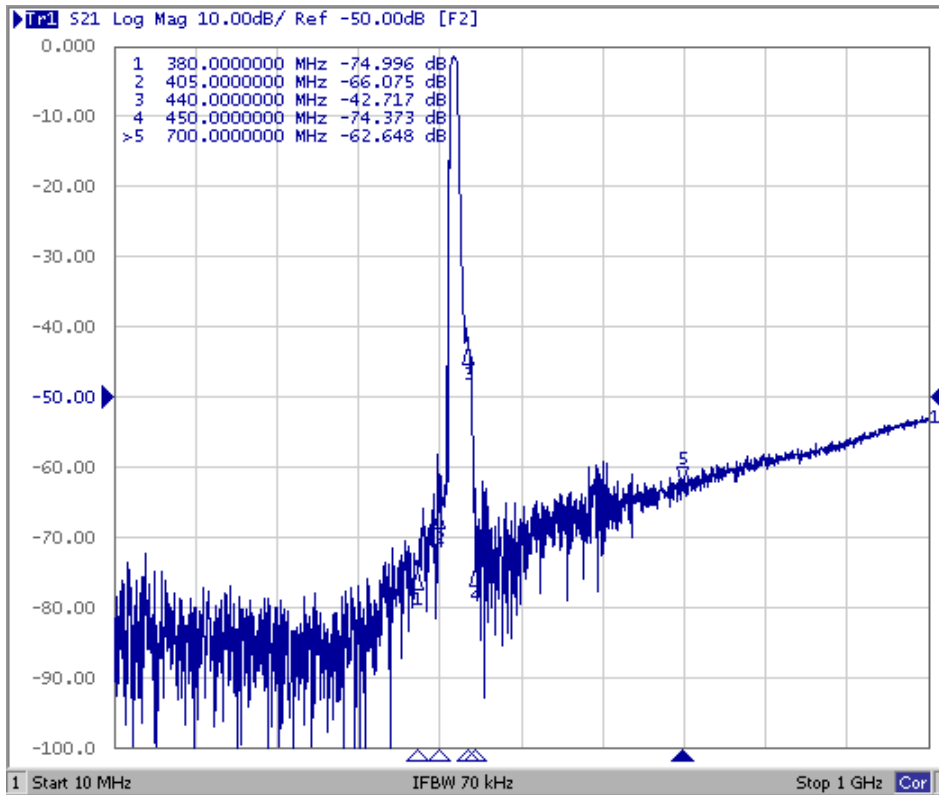
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F. FREQUENCY CHARACTERISTICS:



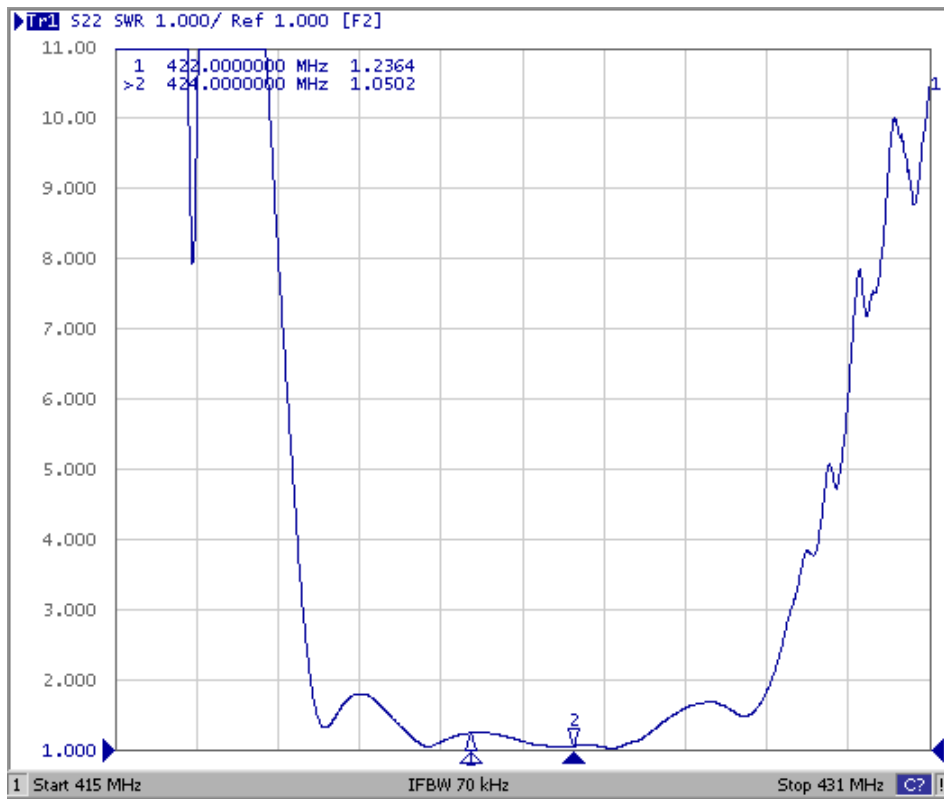
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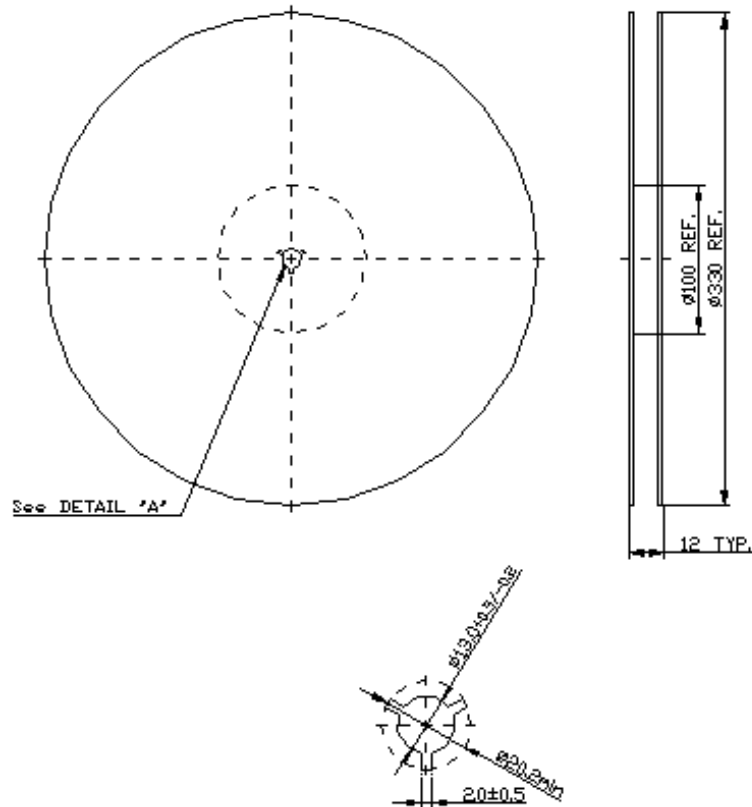


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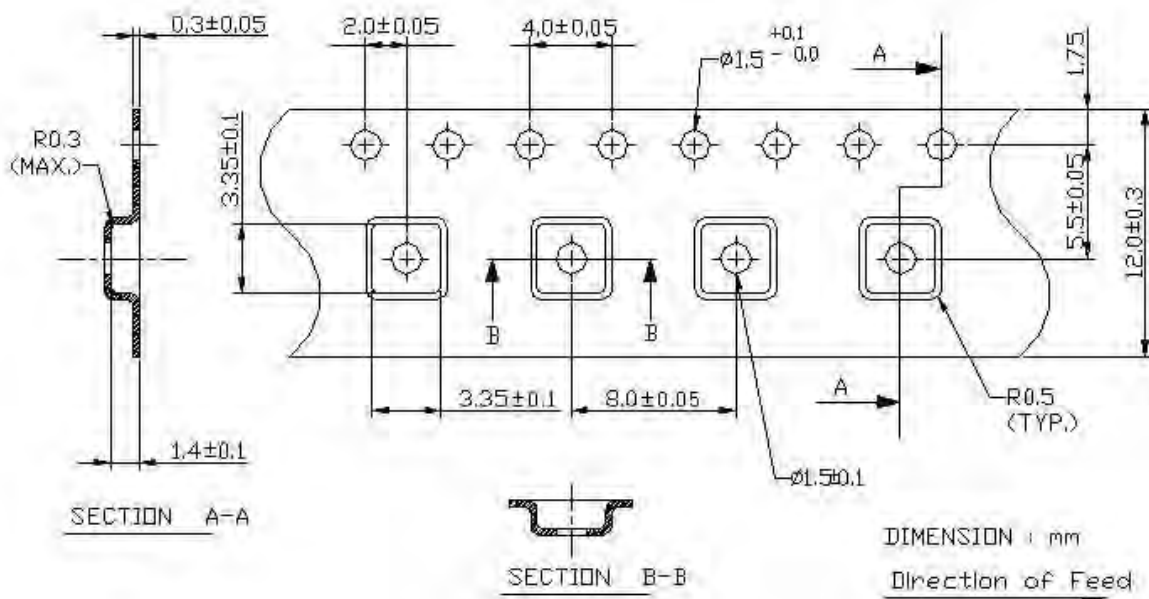
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

