

**SAW Filter 1472.0MHz**

**Model: TA0567B**

**Part No: MP09702**

**Rev No: 1**

**A. MAXIMUM RATING:**

**Electrostatic Sensitive Device (ESD)**

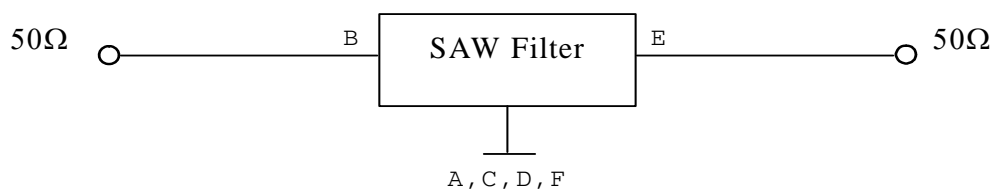
1. Input Power Level: 10 dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

| Item                                   | Unit | Min. | Typ. | Max. |
|--|------|------|------|------|
| Center Frequency Fc                    | MHz  | -    | 1472 | -    |
| Insertion Loss (1452 ~ 1492MHz) IL     | dB   | -    | 3.5  | 5    |
| Amplitude Ripple (1452 ~ 1492MHz)      | dB   | -    | 1    | 2    |
| Relative Attenuation (relative to 0dB) |      |      |      |      |
| 1230 ~ 1330MHz                         | dB   | 40   | 55   | -    |
| 1570 ~ 1670MHz                         | dB   | 30   | 47   | -    |
| 1670 ~ 1715MHz                         | dB   | 36   | 48   | -    |

**C. MEASUREMENT CIRCUIT:**

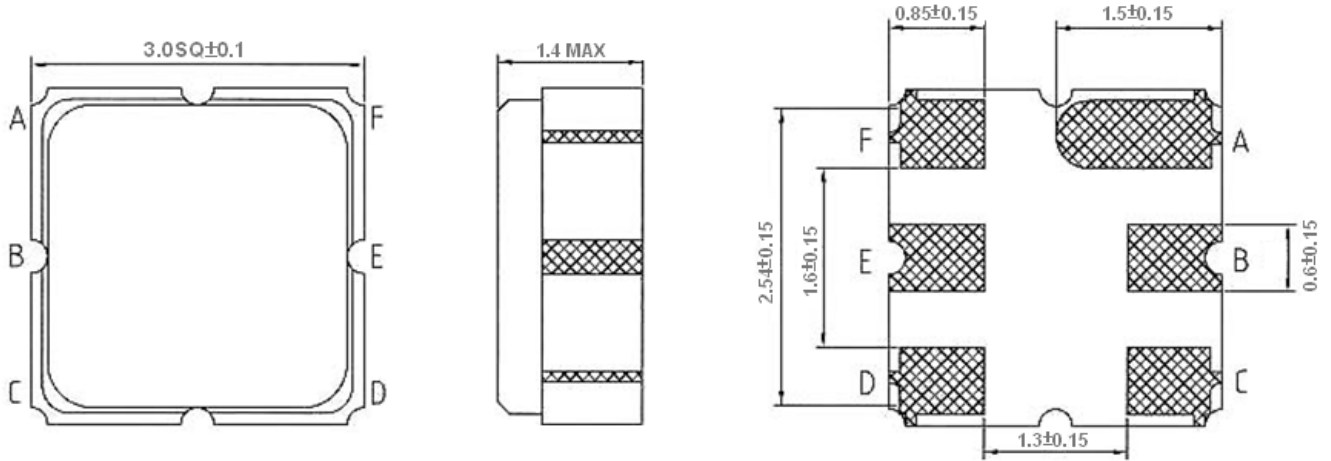
HP Network analyzer



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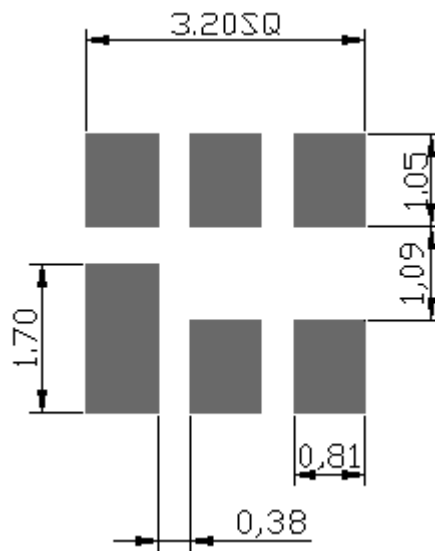
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**D. OUTLINE DRAWING:**



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

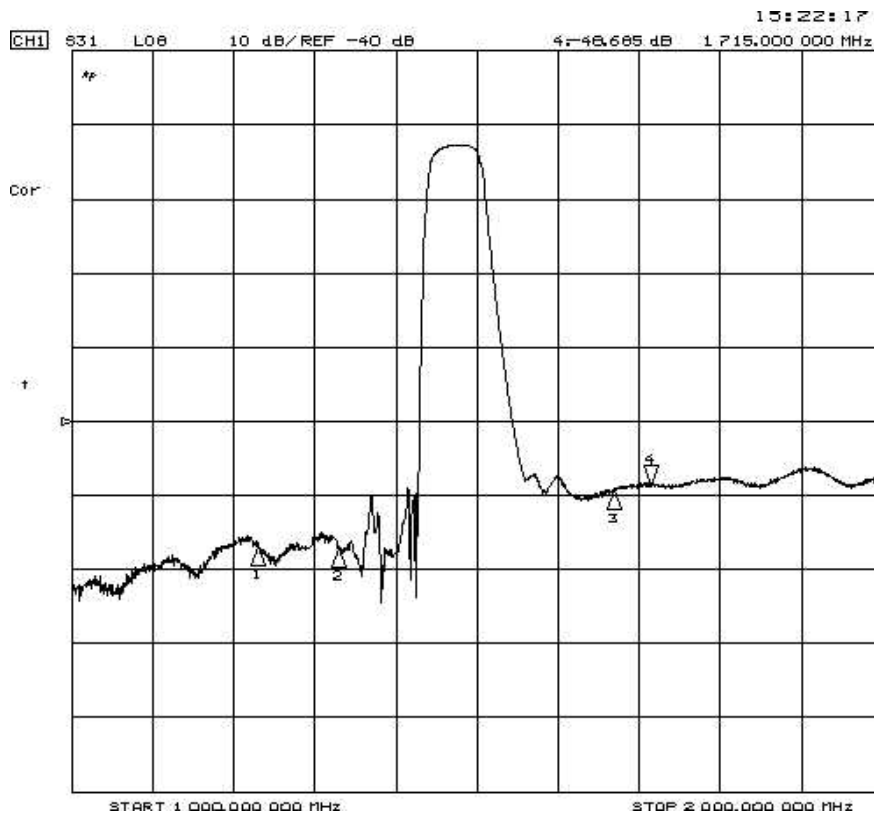
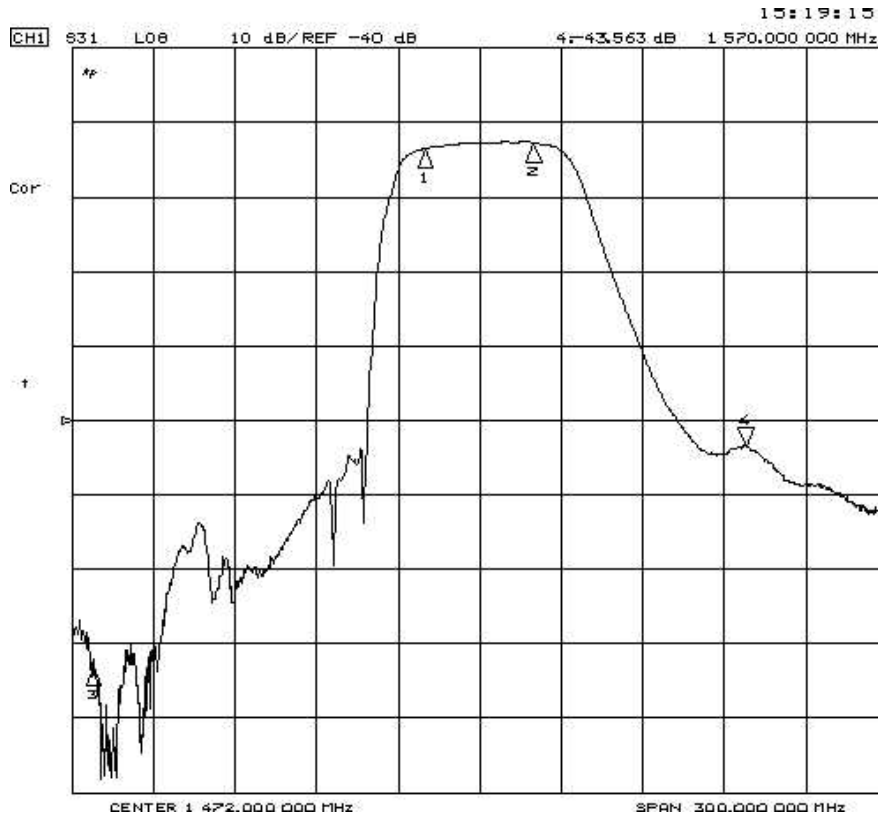
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS:**

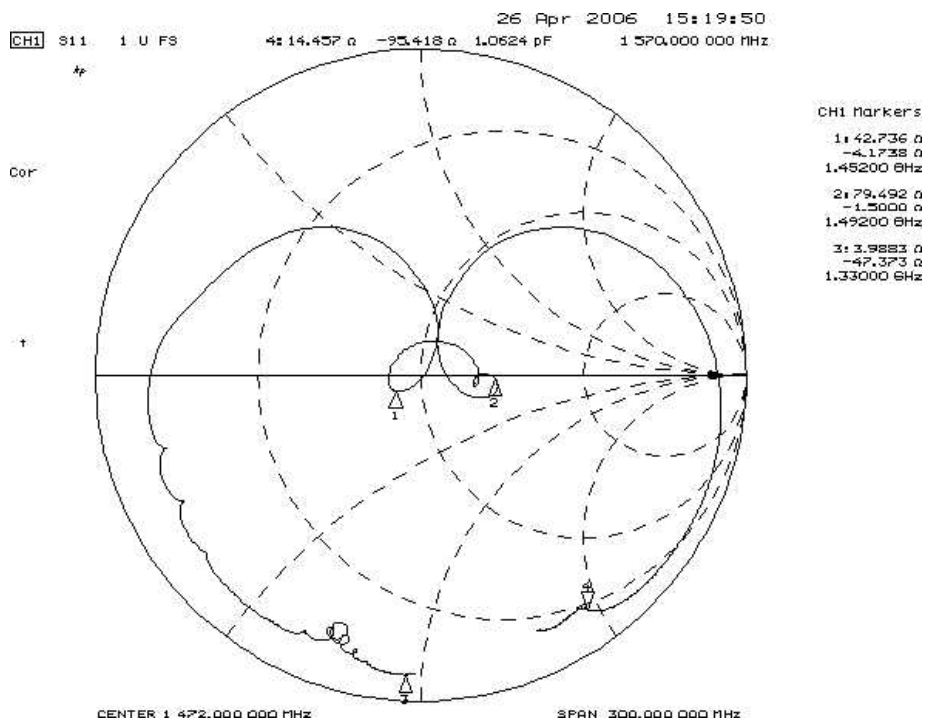
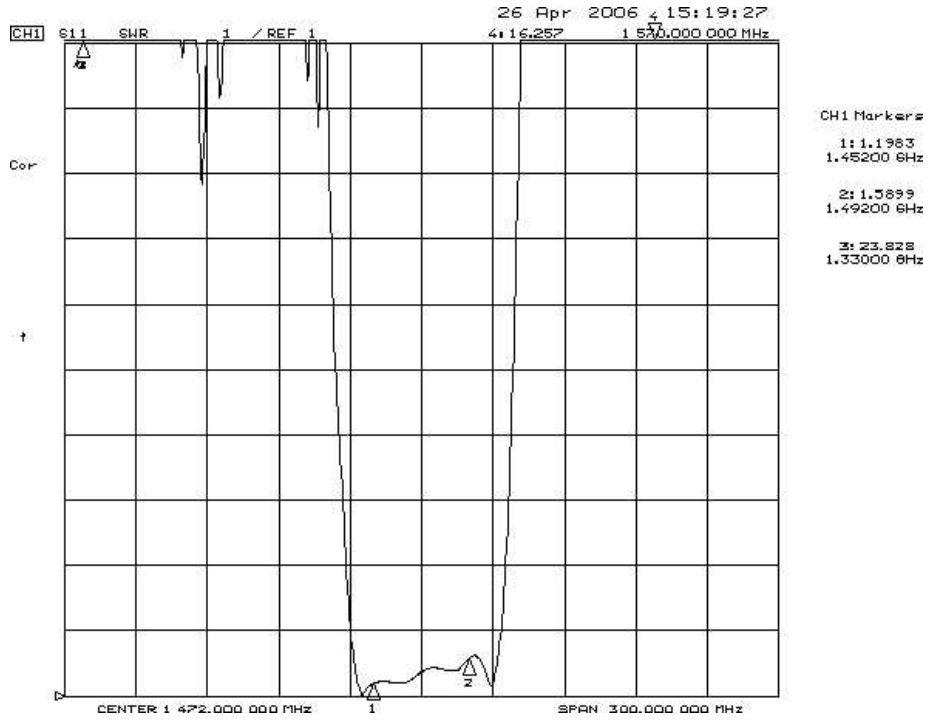


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Reflections Functions

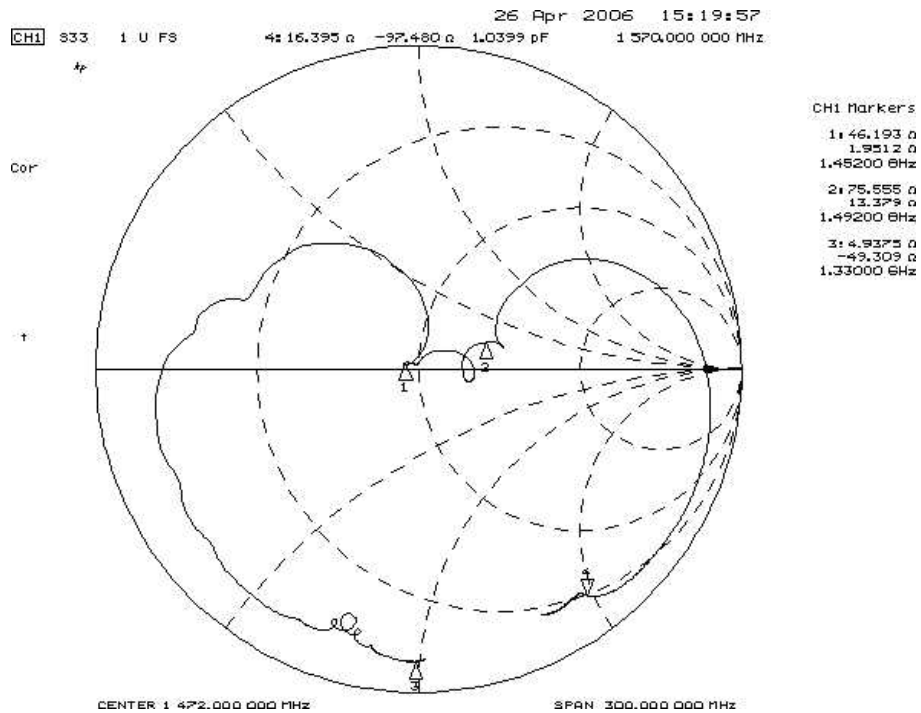
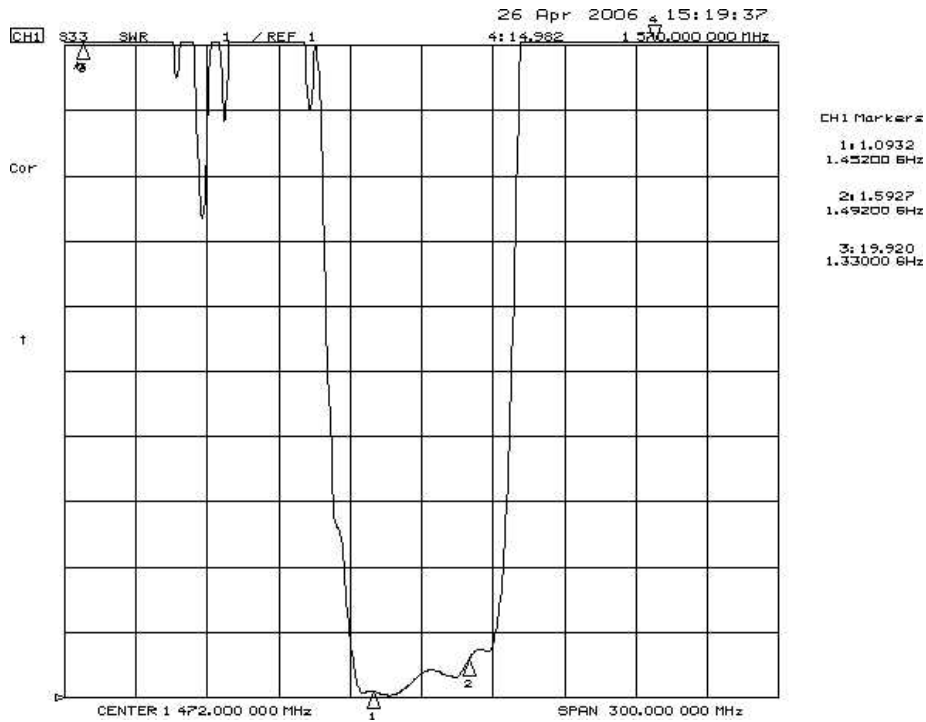
S11 VSWR



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S22 VSWR

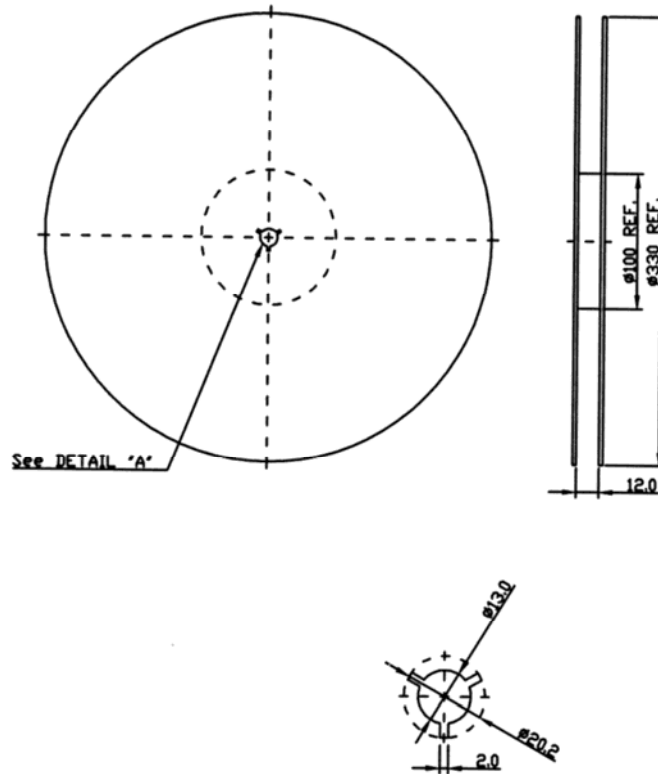


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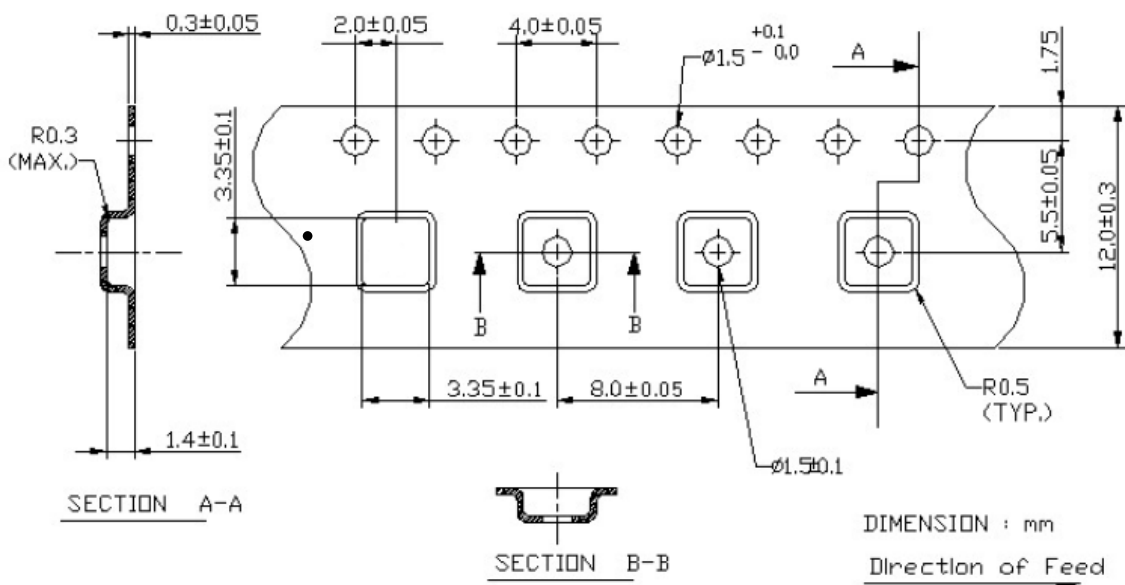
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**G. PACKING:**

1. Reel Dimension



2. Tape Dimension



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**H. RECOMMENDED REFLOW PROFILE:**

