

SAW Filter 906.0MHz

Model: TA0562A

Part No: MA08694

REV. NO.: 1

A. MAXIMUM RATING:

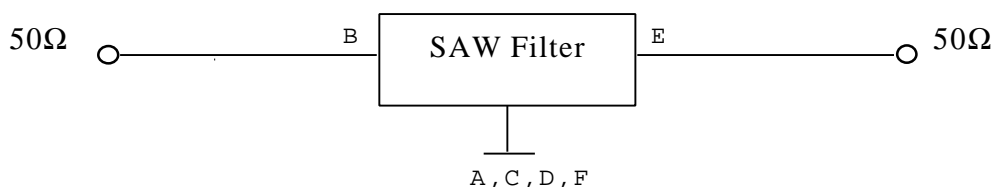
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

| Item | Unit | Min. | Type. | Max. | Note |
|---|------|------|-------|------|------|
| Center Frequency Fc | MHz | - | 906 | - | - |
| Insertion Loss (888 ~ 924 MHz) IL | dB | - | 2.5 | 3.2 | - |
| Amplitude Ripple (888 ~ 924 MHz) | dB | - | 1.3 | 1.7 | - |
| Return Loss (888 ~ 924 MHz) | dB | 6.5 | 8.2 | - | - |
| Relative Attenuation (relative to 0 dB) | | | | | |
| D.C. ~ 810 MHz | dB | 15 | 20 | - | - |
| 810 ~ 850 MHz | dB | 20 | 23.5 | - | - |
| 942 ~ 960 MHz | dB | 15 | 32 | - | - |
| 960 ~ 1030 MHz | dB | 20 | 23.7 | - | - |
| 1030 ~ 2200 MHz | dB | 20 | 23.5 | - | - |

C. MEASUREMENT CIRCUIT:

HP Network analyzer



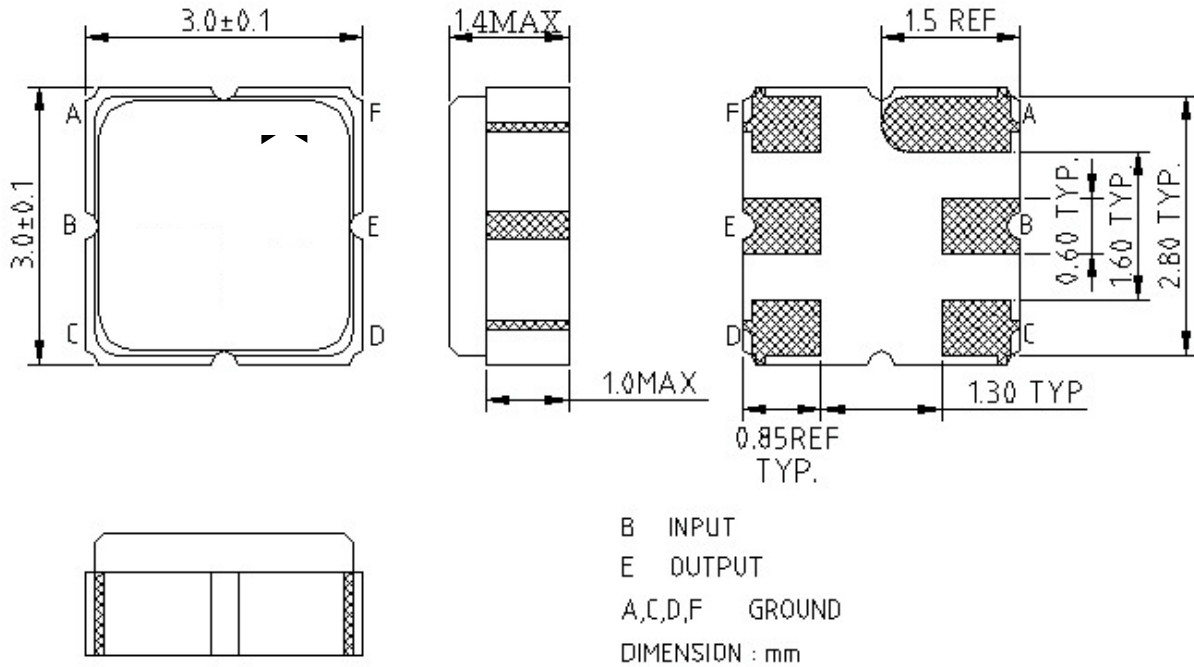
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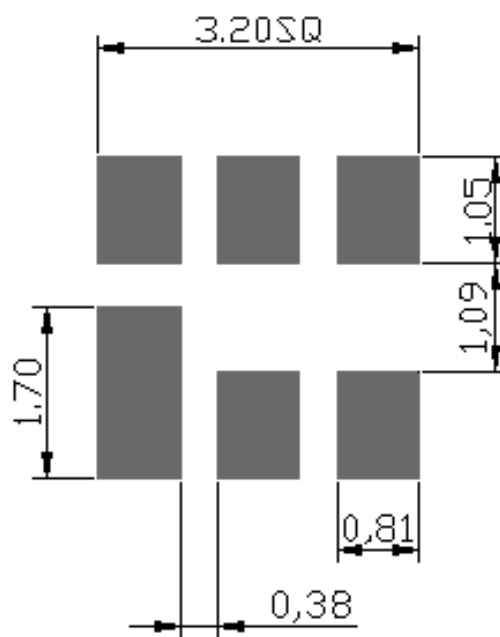
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:



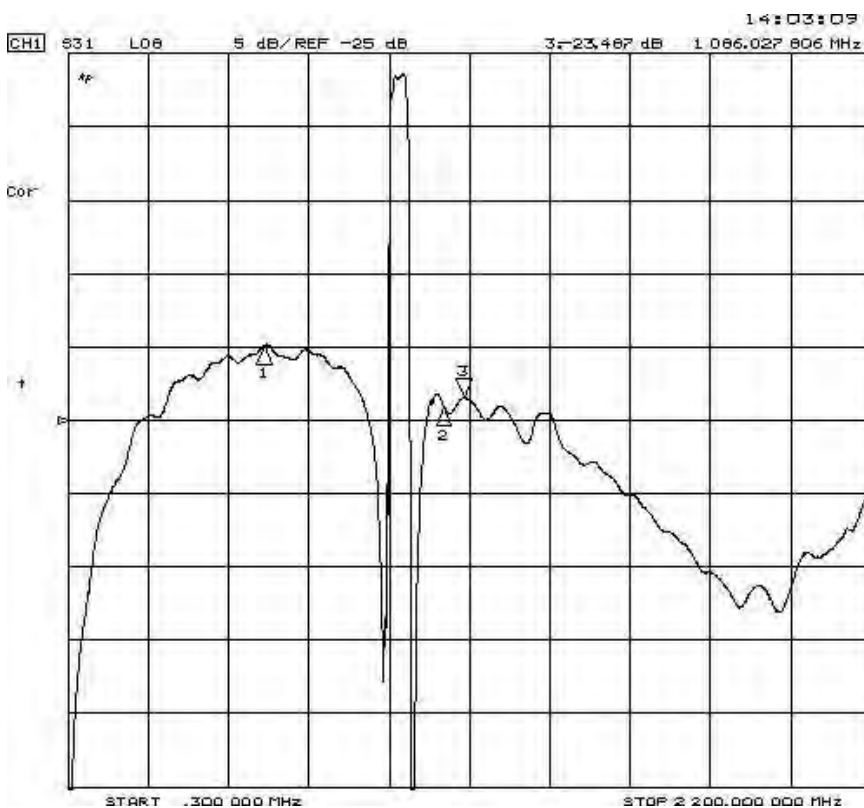
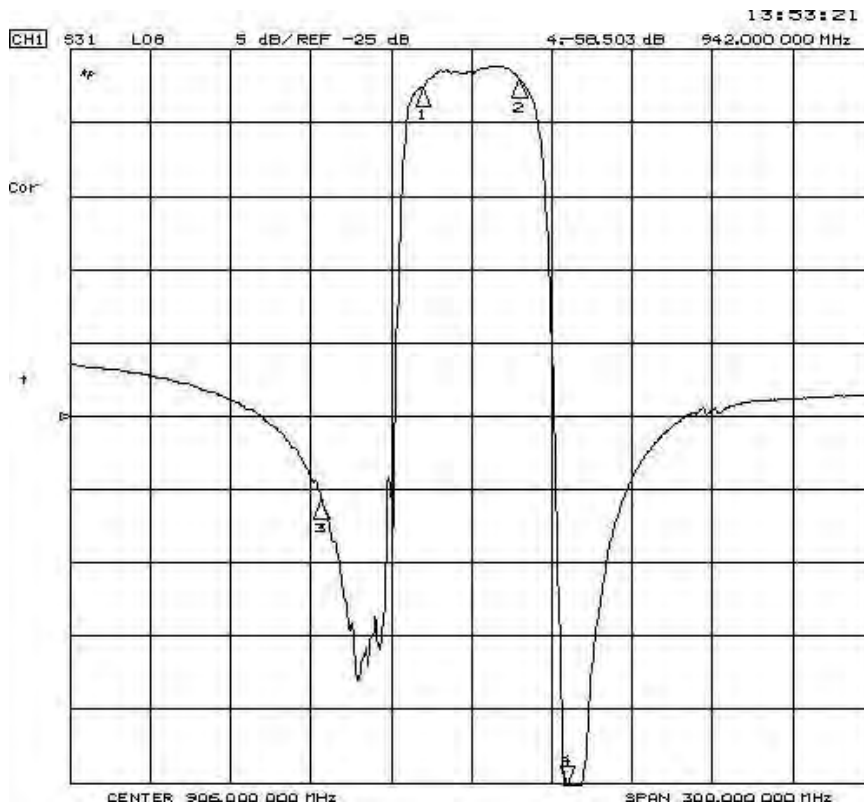
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F. FREQUENCY CHARACTERISTICS:



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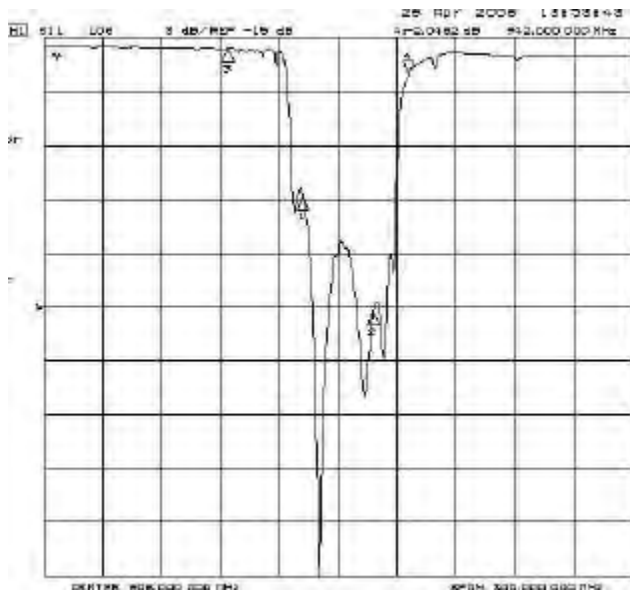
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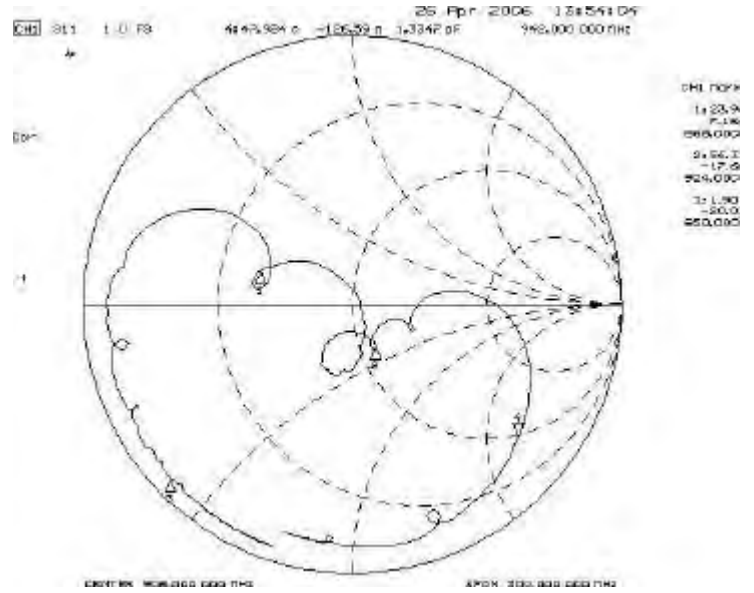
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REFLECTIONS FUNCTIONS:

S11 VSWR

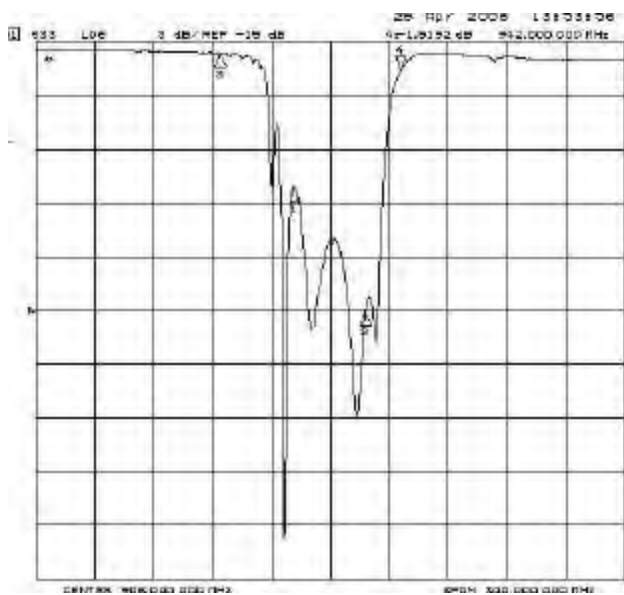


CH1 marker's
 1: -9.7915 dB
 906.000 MHz
 2: -15.224 dB
 906.000 MHz
 3: -27.160 dB
 906.000 MHz

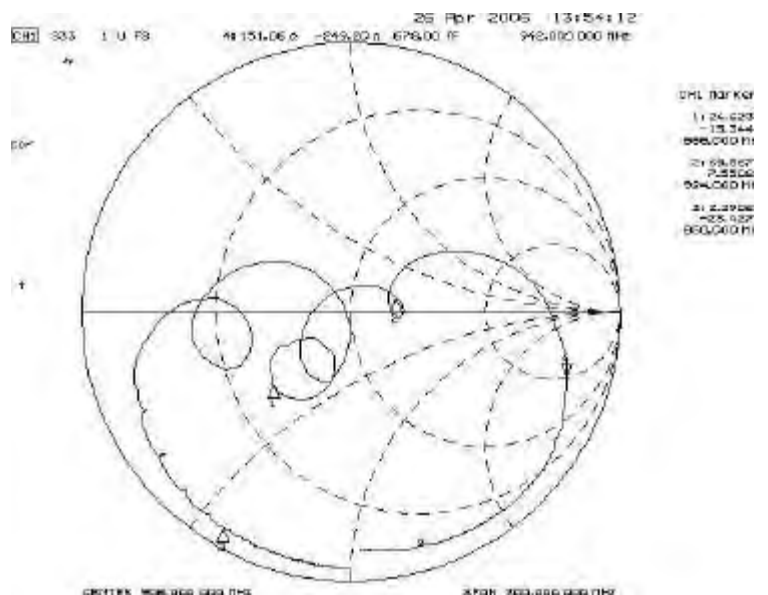


CH1 MARK
 1: 23.9
 7.16
 906.000
 2: 54.1
 -17.6
 906.000
 3: 1.90
 -20.0
 906.000

S22 VSWR



CH1 marker's
 1: -9.2000 dB
 906.000 MHz
 2: -15.036 dB
 906.000 MHz
 3: -23.460 dB
 906.000 MHz



CH1 MARK
 1: 24.623
 -15.344
 906.000 Hz
 2: 59.857
 7.5526
 906.000 Hz
 3: 2.2926
 -25.132
 906.000 Hz

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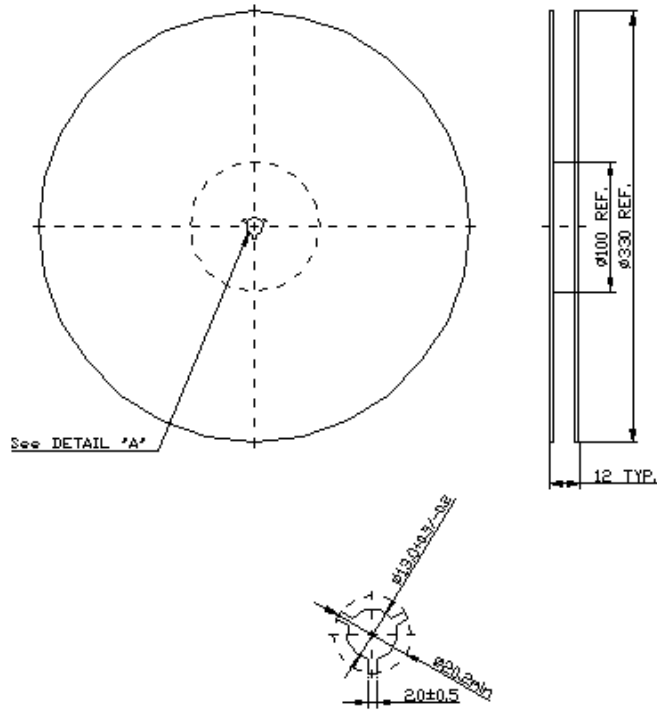
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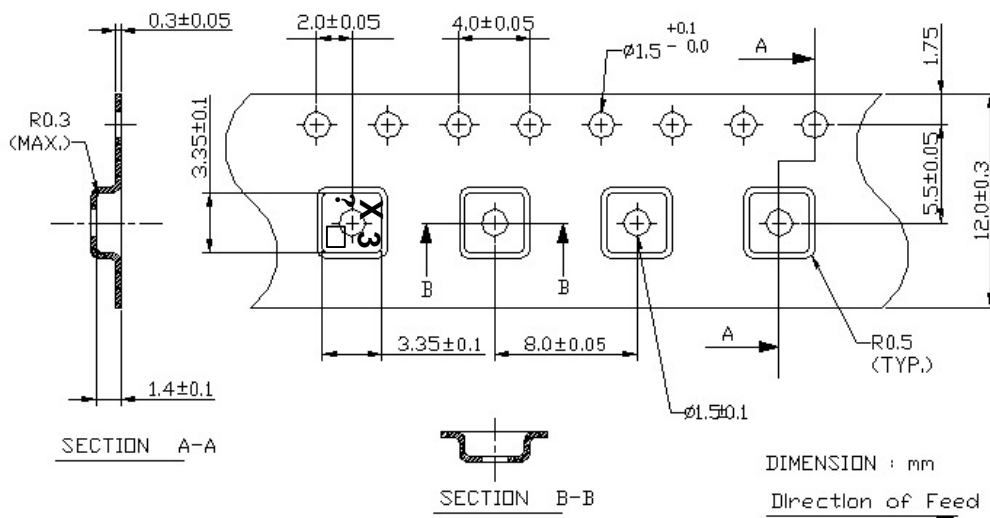
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000)



2.TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE :

