

SAW Filter 307.5MHz
Part No: MA06220

Model: TA0187A
Rev No: 1

A. MAXIMUM RATING:

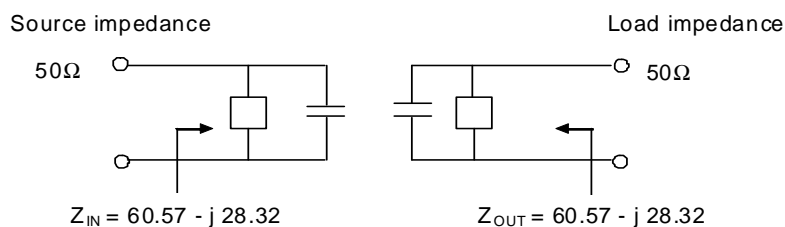
1. Input Power Level: 10dBm
2. DC voltage: 0V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

| Characteristics | Min. | Typ. | Max. |
|---|------|-----------------|------|
| Center frequency Fc (dB) | - | 307.5 | - |
| Insertion loss within 305.5 ~ 309.5MHz IL (dB) | - | 2.85 | 4.0 |
| Amplitude ripple (p-p) within 305.5 ~ 309.5MHz (dB) | - | 0.7 | 2.0 |
| Attenuation (Reference level from 0dB) | | | |
| Fc -40 to -9MHz (dB) | 30.0 | 45.0 | - |
| Fc +9 to +40MHz (dB) | 15.0 | 30.0 | - |
| Fc -100 to -40MHz (dB) | 50.0 | 62.0 | - |
| Fc +40 to +100MHz (dB) | 50.0 | 65.0 | - |
| Source impedance Z _S (Ω) | - | 60.57 - j 28.32 | - |
| Load impedance Z _L (Ω) | - | 60.57 - j 28.32 | - |

Note1: The standard definitions is in JIS C 6703

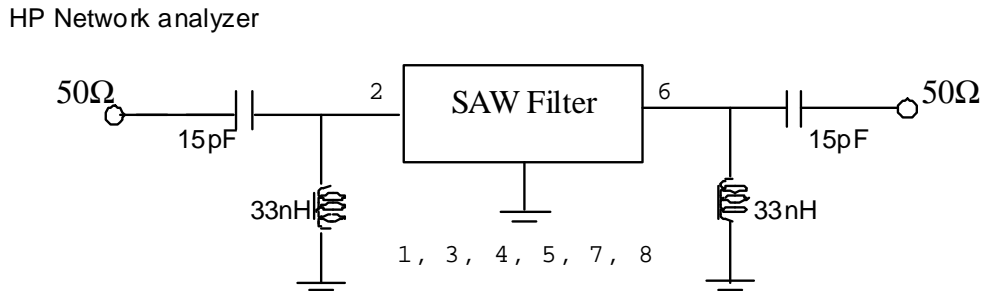
Note2:



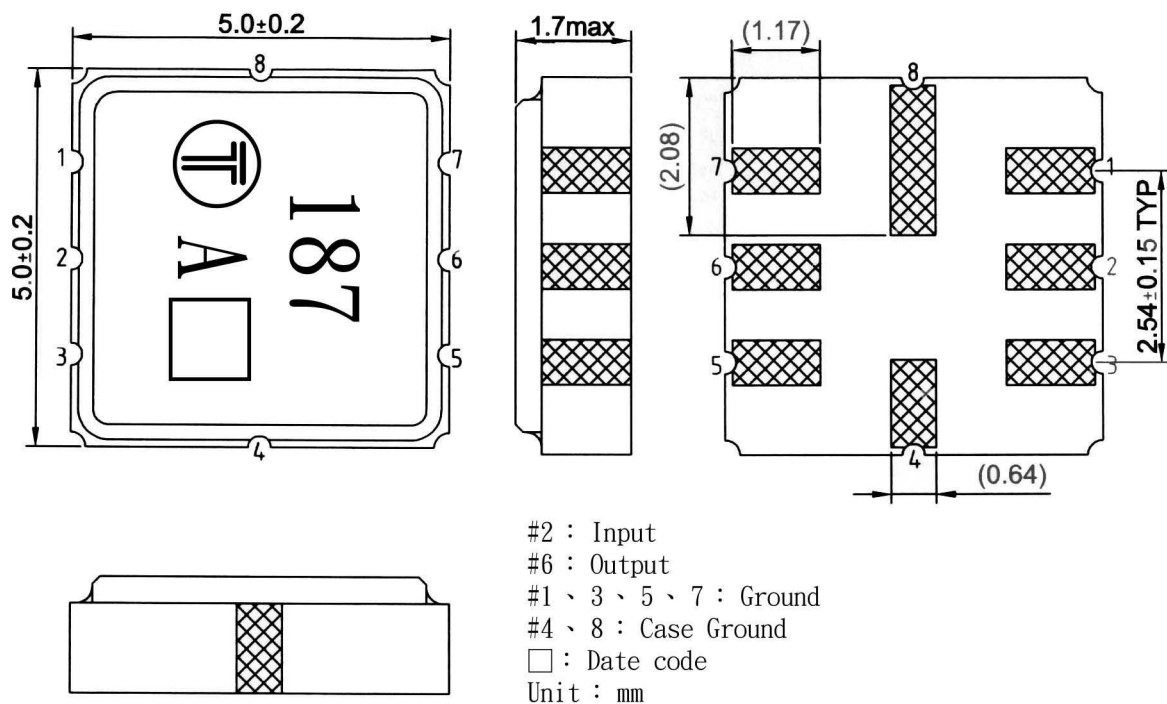
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C. MEASUREMENT CIRCUIT:



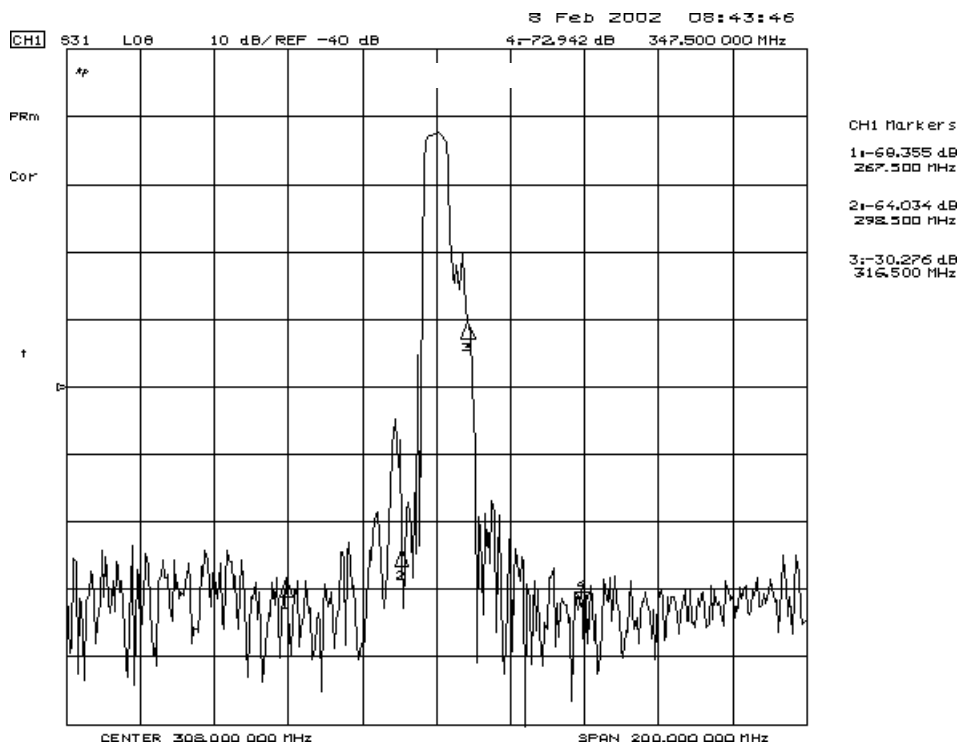
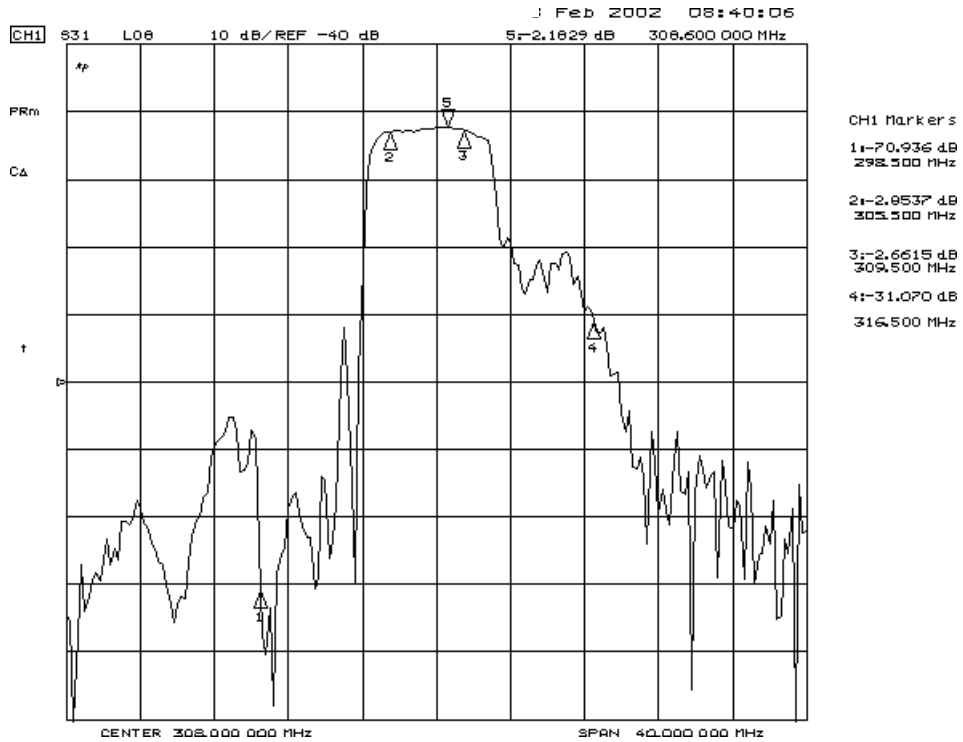
D. OUTLINE DRAWING:



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E. FREQUENCY CHARACTERISTICS:

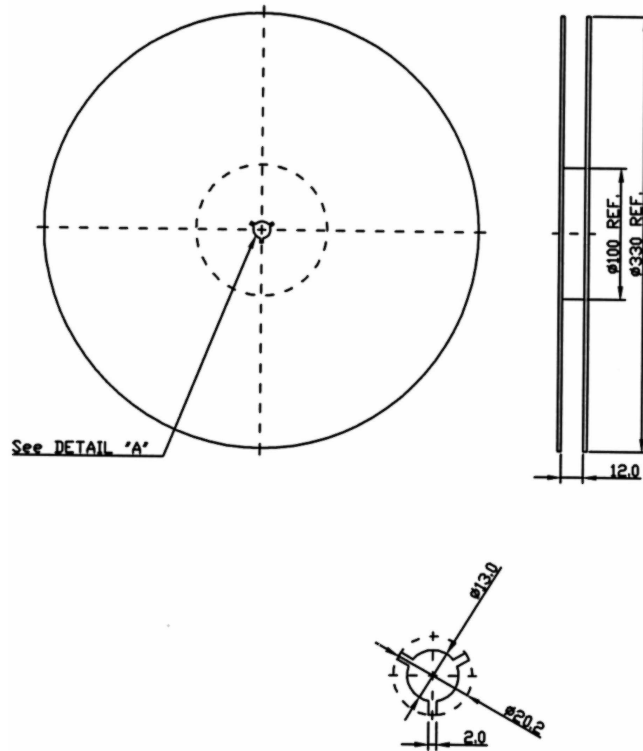


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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

