

SAW Filter 440.0MHz
Part No: MA06819

Model: TA0411A
Rev No: 2

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:

Reference temperature: 25°C

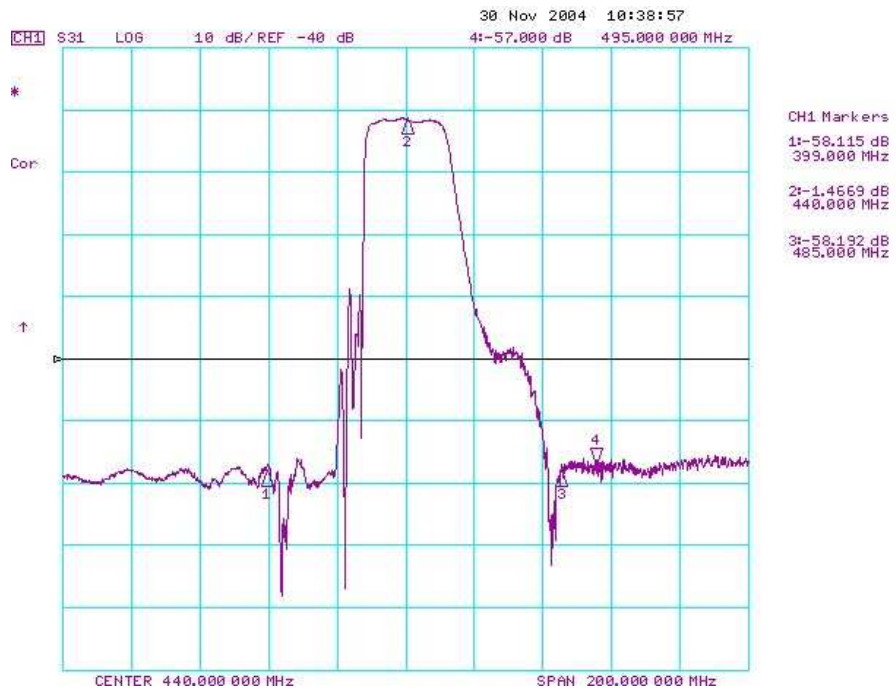
| Item | Unit | Min. | Typ. | Max. |
|---|-------|------|------|------|
| Center frequency Fc | MHz | - | 440 | - |
| Insertion Loss IL min (reference level) | dB | - | 1.4 | 2.8 |
| 3dB Bandwidth BW -3dB | MHz | 19 | 23.3 | - |
| Absolute Attenuation:(Reference level from 0dB) | | | | |
| Fc -45 to Fc -100MHz | dB | 40 | 57 | - |
| Fc +45 to Fc +55MHz | dB | 30 | 56 | - |
| Fc +55 to Fc +100MHz | dB | 40 | 56 | - |
| Temperature coefficient of frequency | ppm/k | - | -36 | - |
| Source impedance Z _S | Ω | - | 50 | - |
| Load impedance Z _L | Ω | - | 50 | - |

Note: IL min is the minimum of the pass band attenuation. The center frequency Fc is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL min.

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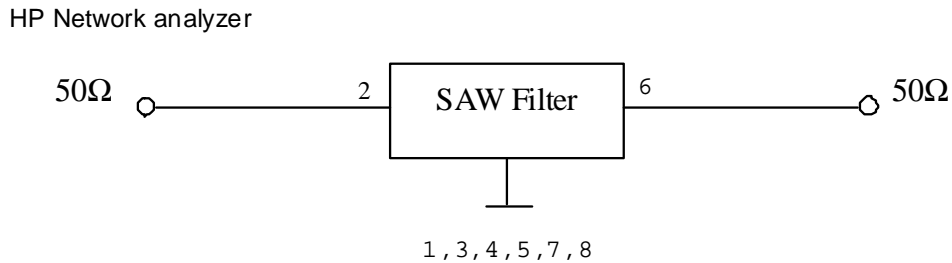
C. FREQUENCY CHARACTERISTICS:



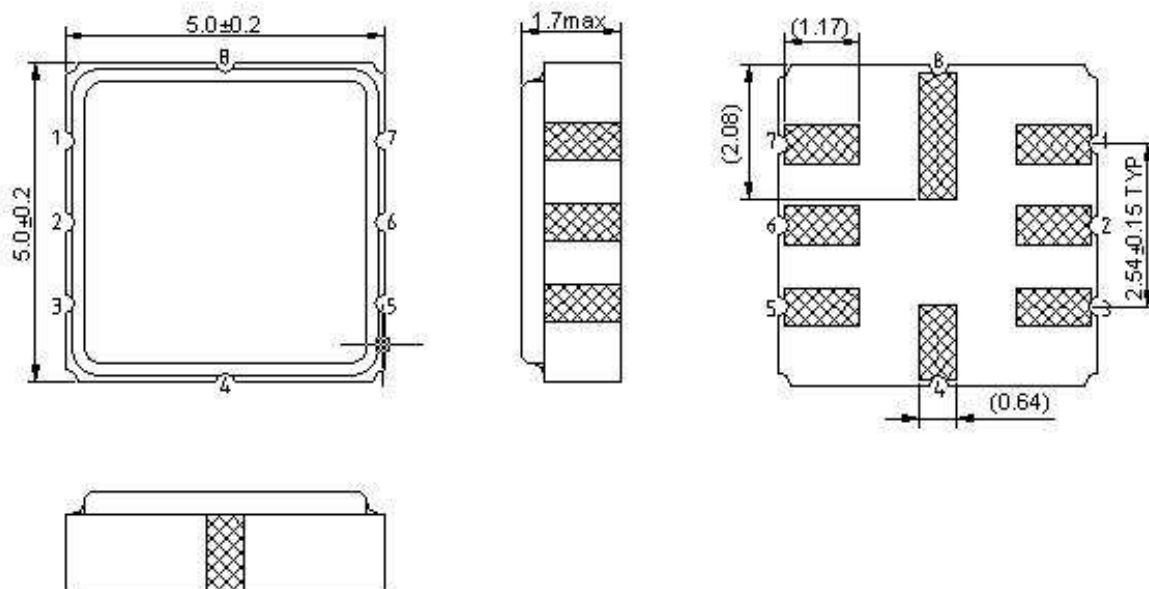
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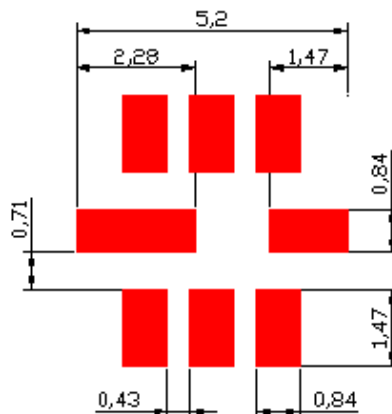
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:

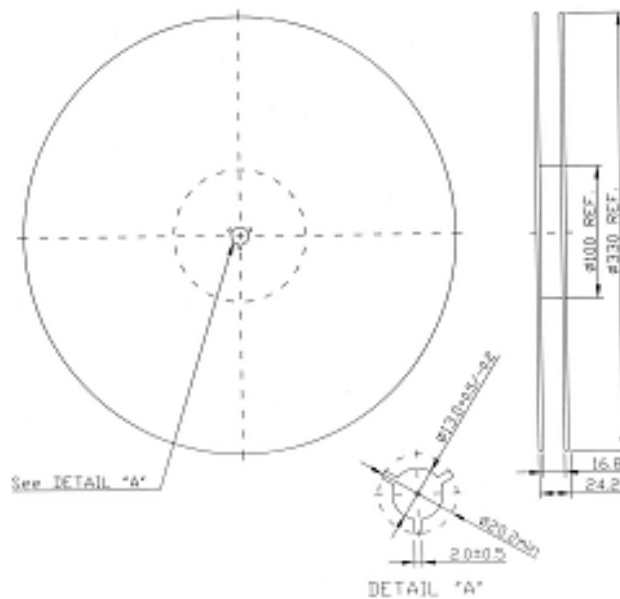


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

