

SAW Filter 416MHz

Model: TA1119A

Part No: MP02837

REV. NO: 1

A. MAXIMUM RATING:

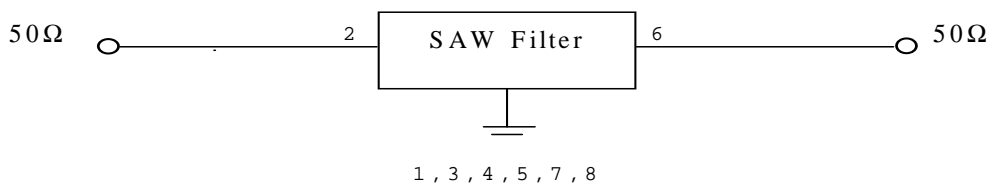
1. Input Power Level: 10dBm
2. DC Voltage: 5V
3. Operating Temperature: -30°C to +60°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

| Item | Unit | Min. | Typ. | Max. |
|--|--------|------|------|------|
| Center frequency Fc | MHz | - | 416 | - |
| Insertion loss (406 ~ 426MHz) IL | dB | - | 3.4 | 4.2 |
| Amplitude Ripple (406 ~ 426MHz) | dB | - | 1.3 | 2.4 |
| Return loss (406 ~ 426MHz) | dB | 7 | 9 | - |
| Attenuation (Reference level from 0dB) | | | | |
| 0.3 ~ 300MHz | dB | 30 | 56 | - |
| 300 ~ 380MHz | dB | 24 | 45 | - |
| 380 ~ 386MHz | dB | 15 | 42 | - |
| 460.825 ~ 524.825MHz | dB | 12 | 31 | - |
| 559.65 ~ 579.65MHz | dB | 28 | 50 | - |
| 669.3 ~ 689.3MHz | dB | 24 | 50 | - |
| 689.3 ~ 1000MHz | dB | 26 | 45 | - |
| Temperature Coefficient of Frequency | ppm/°C | - | -36 | - |

C. MEASUREMENT CIRCUIT:

HP Network analyzer



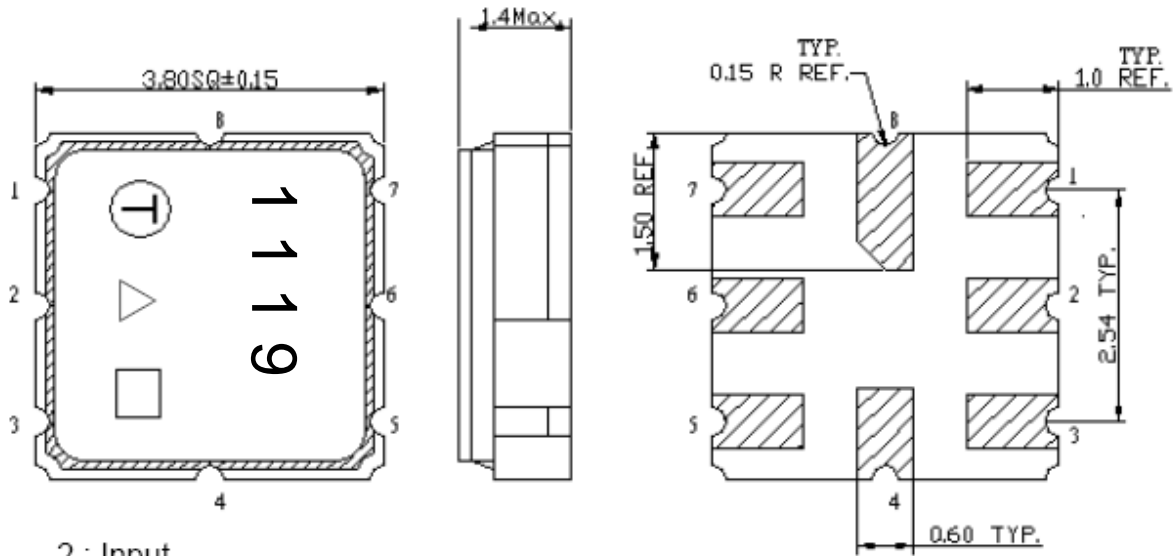
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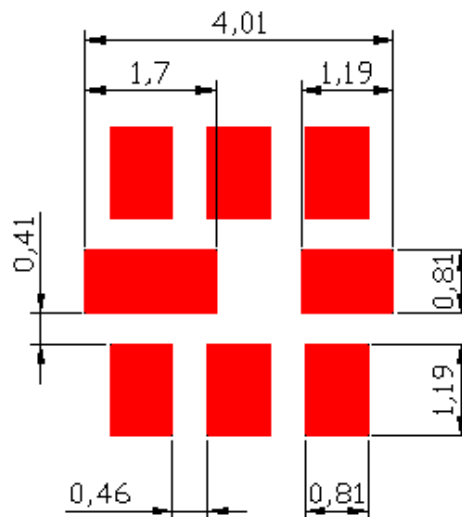
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D. OUTLINE DRAWING:



- 2 : Input
- 6: Output
- 1,3,4,5,7,8: Ground
- △ : Year Code
- : Date Code (W01->A, W02->B, ..., W52->z)

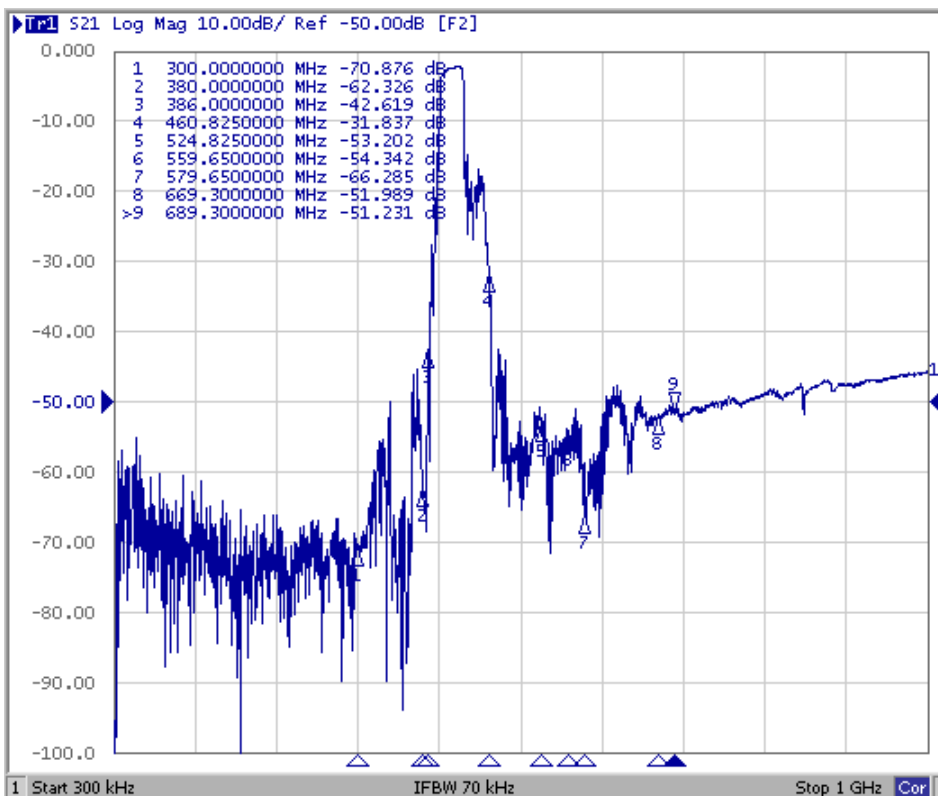
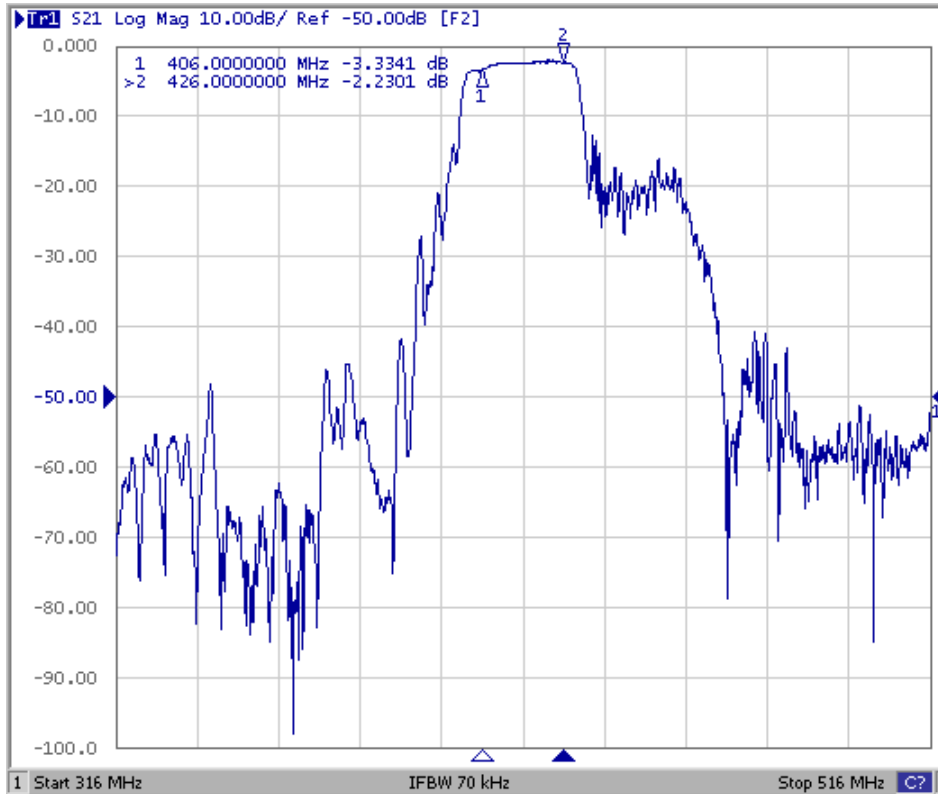
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:



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H. RECOMMENDED REFLOW PROFILE:

