

SAW Filter 806MHz

Model: TA1071A

Part No: MP02702

REV. NO.: 1

A. MAXIMUM RATING:

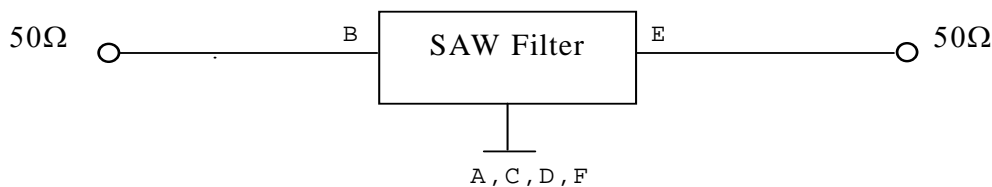
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -25°C to +75°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

| Item | Unit | Min. | Typ. | Max. |
|----------------------------------|------|------|------|------|
| Center frequency Fc | MHz | - | 806 | - |
| Insertion Loss (791~821 MHz) IL | dB | - | 2.9 | 4.5 |
| Amplitude ripple (791~821 MHz) | dB | - | 1.3 | 3.0 |
| VSWR (791~821 MHz) | - | - | 1.7 | 2.5 |
| Attenuation (reference from 0dB) | | | | |
| D.C ~ 760 MHz | dB | 45 | 55 | - |
| 760 ~ 775 MHz | dB | 30 | 48 | - |
| 832 ~ 862 MHz | dB | 8 | 15 | - |
| 862 ~ 900 MHz | dB | 30 | 39 | - |
| 900 ~ 1500 MHz | dB | 45 | 57 | - |
| 1500 ~ 2000 MHz | dB | 35 | 45 | - |

C. MEASUREMENT CIRCUIT:

HP Network analyzer



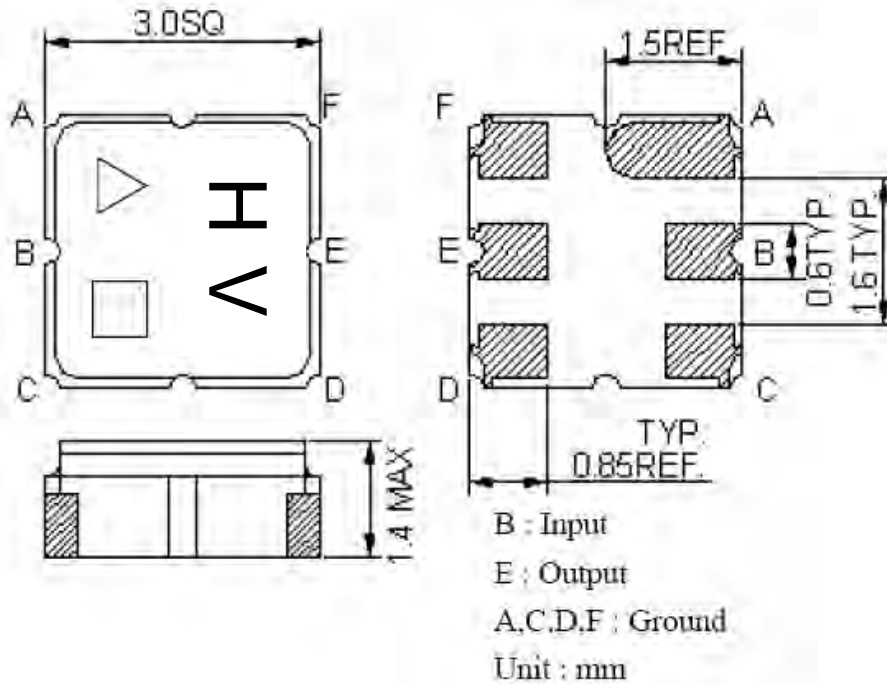
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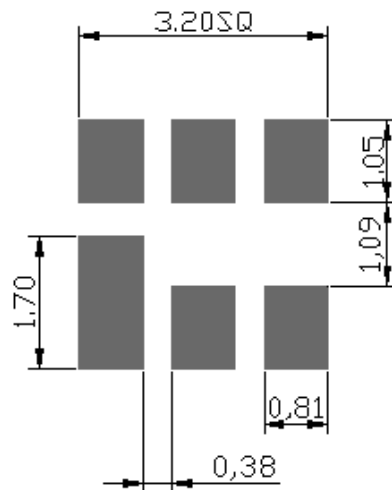
D. OUTLINE DRAWING:



: Year Code (2006->6, ..., 2009->9)

: Date Code (W01->A, W02->B, ... W27->a, ..., W52->z)

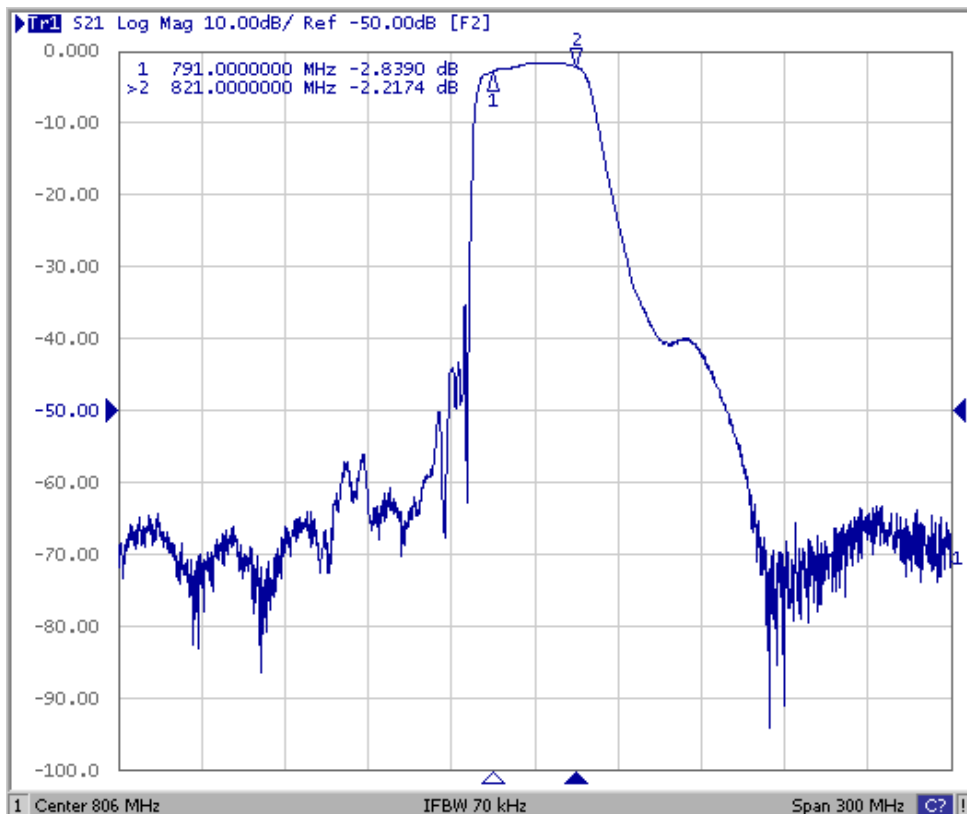
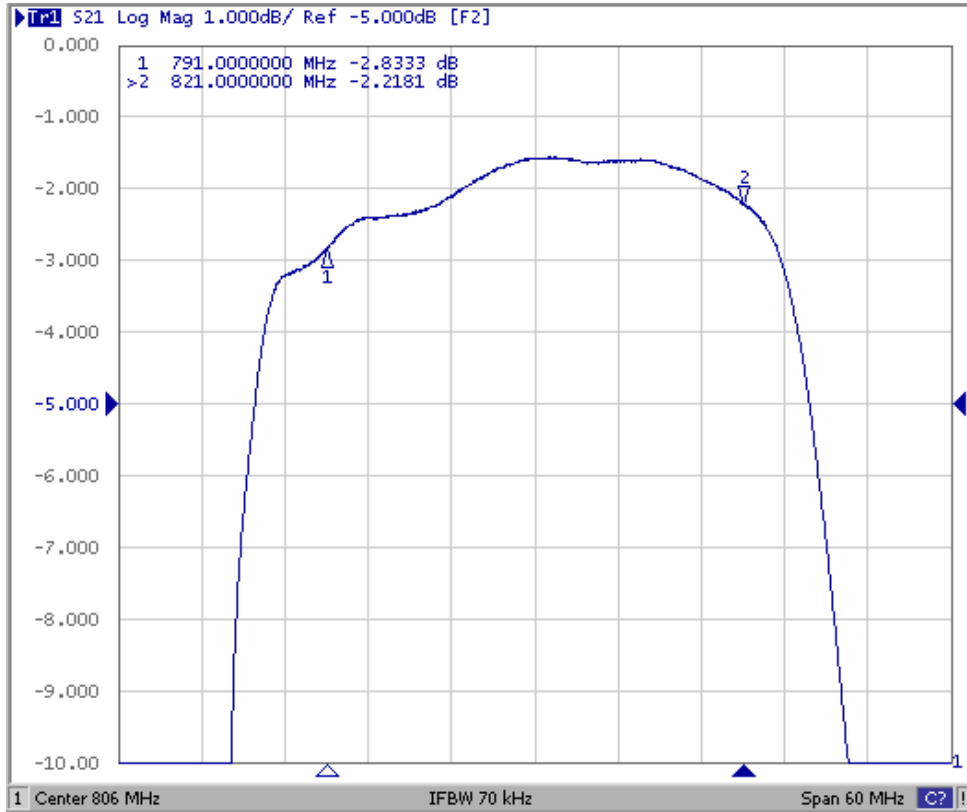
E. PCB FOOTPRINT:



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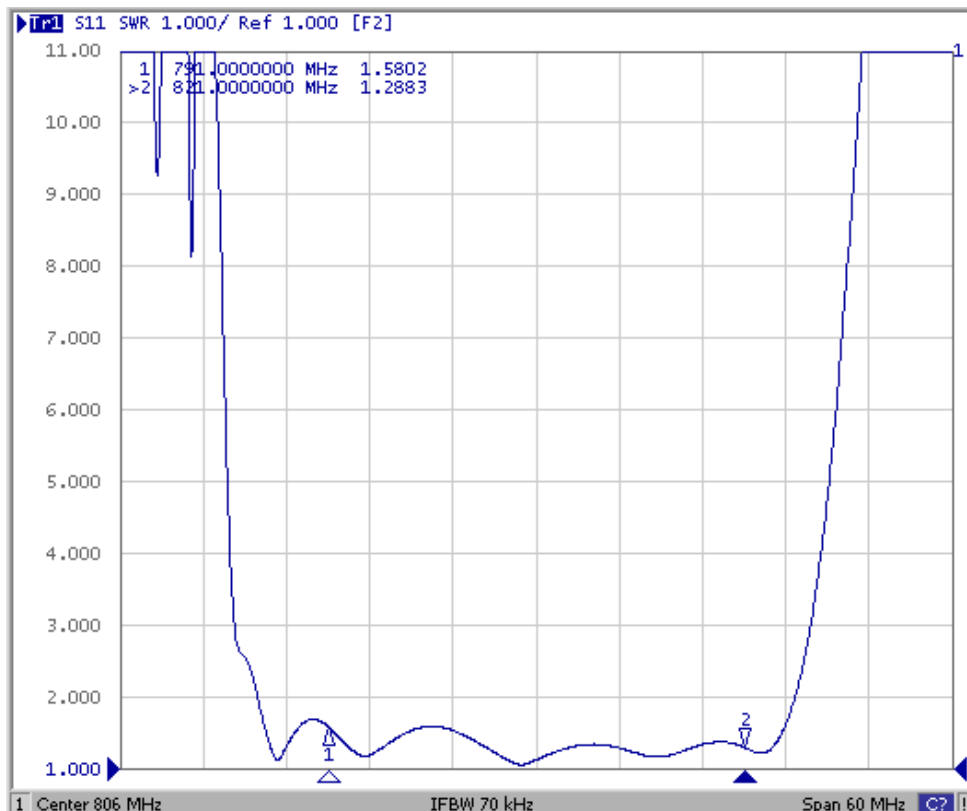
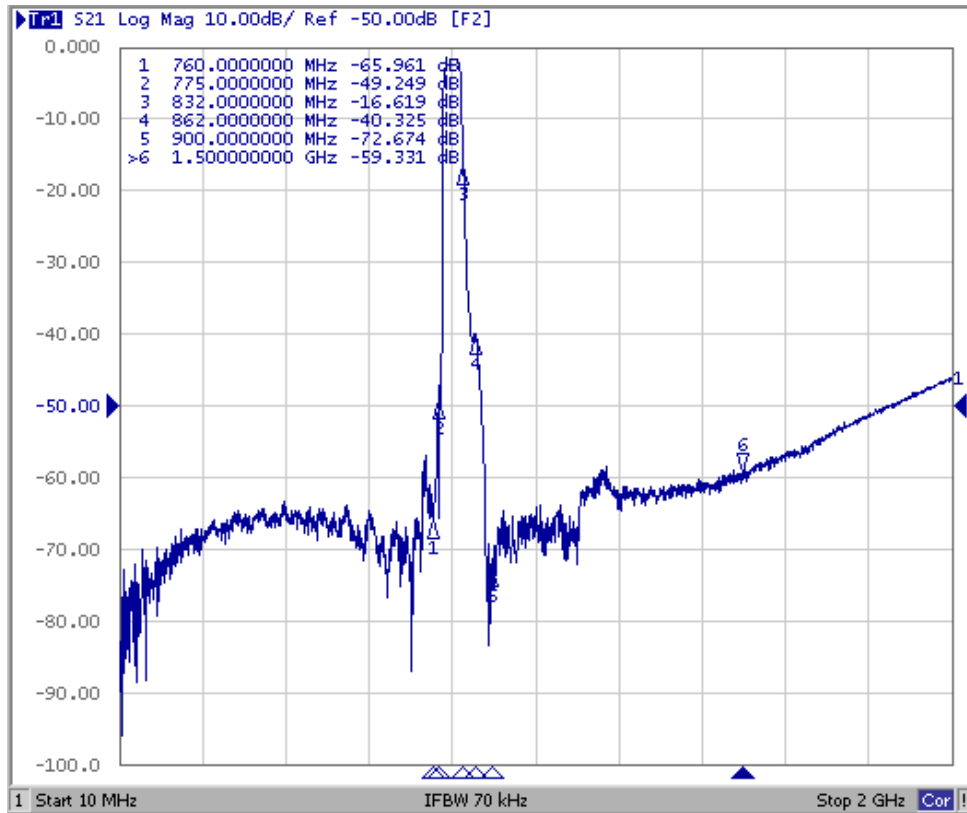
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F. FREQUENCY CHARACTERISTICS:



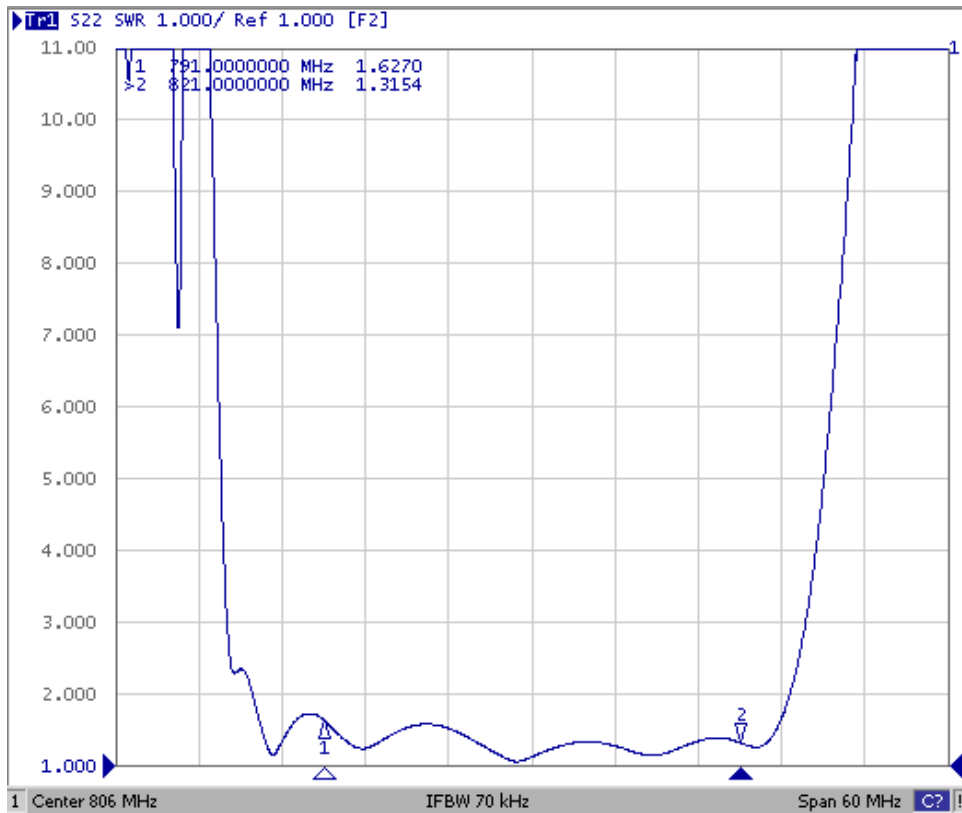
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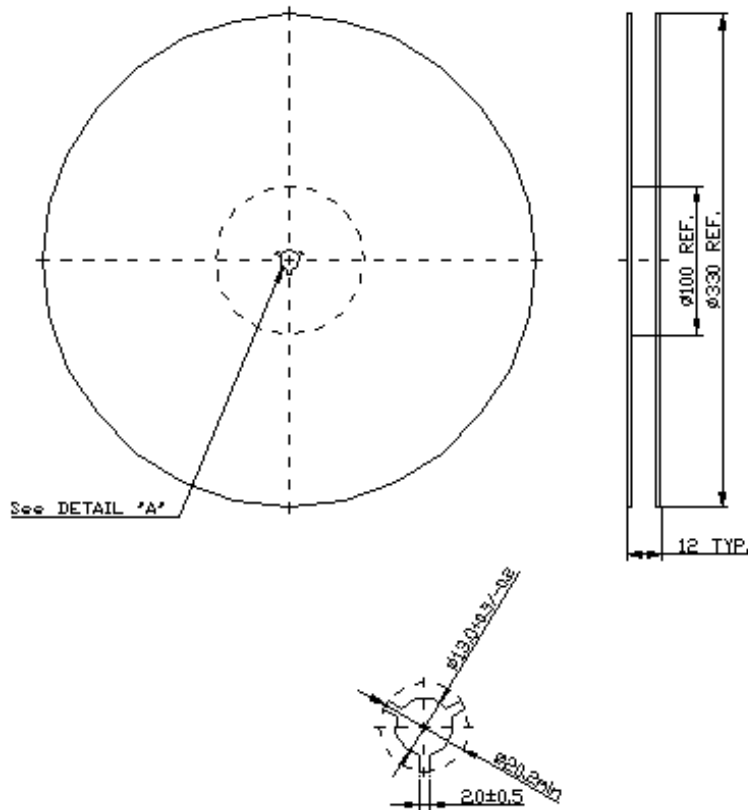
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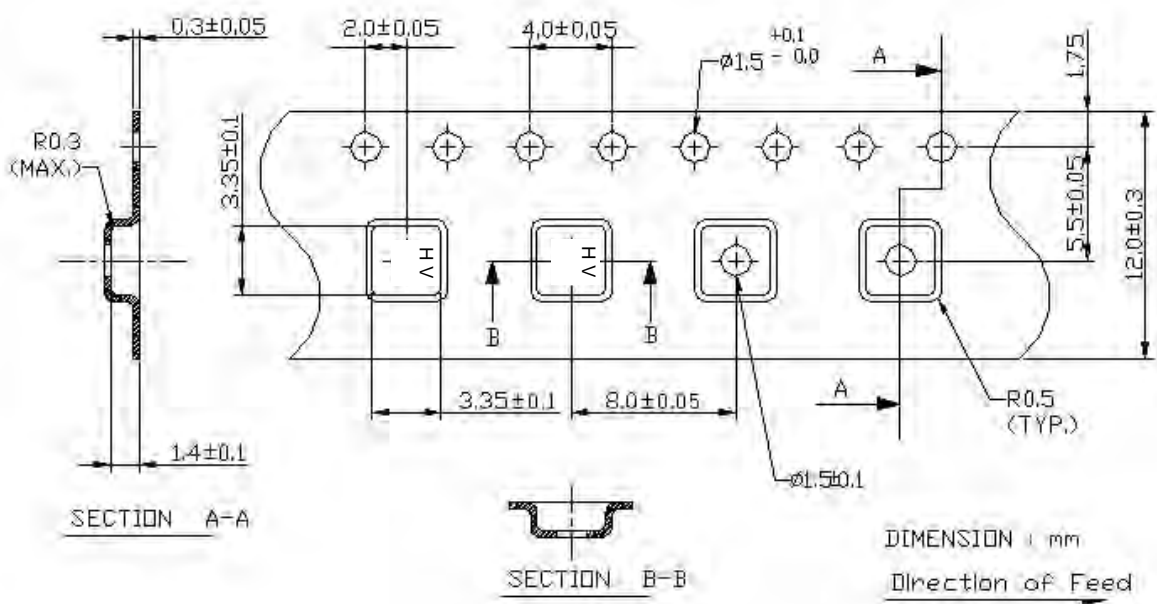
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE :

