

**SAW Filter: 260.0MHz**

**Model: TB0358A**

**Part No: MP01860**

**Rev No: 3**

**A. MAXIMUM RATING:**

1. Input Power Level: 10dBm
2. Operating Temperature: -40°C ~ 85°C
3. Storage Temperature: -40°C ~ +85°C

**B. CHARACTERISTICS:**

Ambient Temperature: 25°C

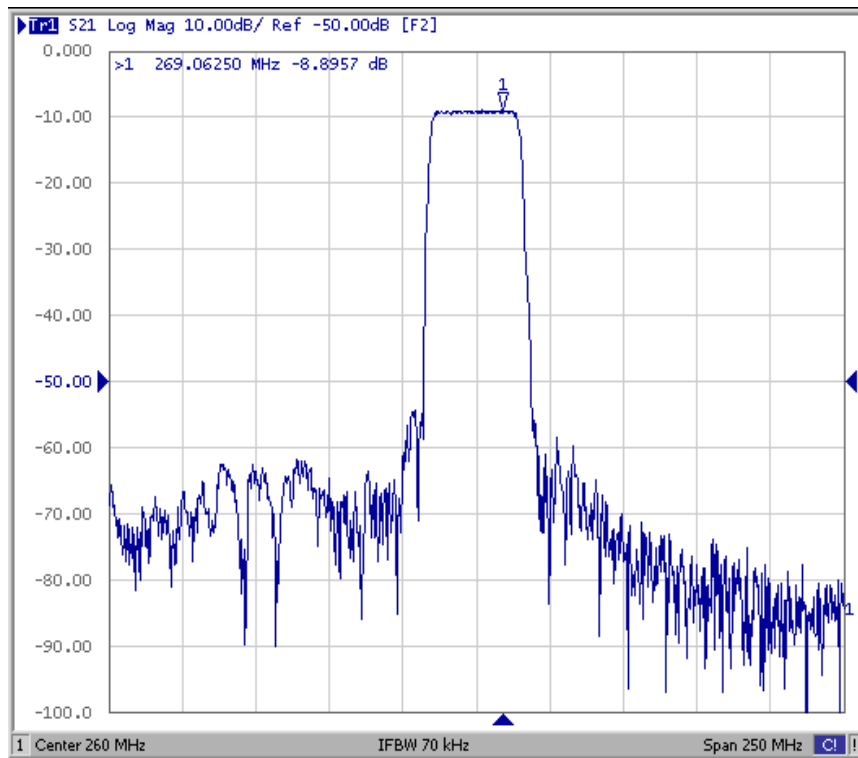
| Characteristics                                               | Value |      |      | Note |
|---------------------------------------------------------------|-------|------|------|------|
|                                                               | Min.  | Typ. | Max. |      |
| Center frequency Fc MHz                                       | -     | 260  | -    | -    |
| Minimum Insertion loss IL dB                                  | -     | 9.0  | 10   | -    |
| Passband ripple (Fc ± 12MHz) dB                               | -     | 0.7  | 1    | -    |
| 3dB Bandwidth MHz                                             | 28    | 30   | -    | -    |
| Group delay variation (Fc ± 12MHz) MHz                        | -     | 140  | 200  | -    |
| Attenuation: (Reference level from minimum insertion loss) dB |       |      |      |      |
| 100 - 235MHz dB                                               | 40    | 51   | -    | -    |
| 235 - 240MHz dB                                               | 38    | 46   | -    | -    |
| 280 - 285MHz dB                                               | 38    | 48   | -    | -    |
| 285 - 400MHz dB                                               | 40    | 50   | -    | -    |

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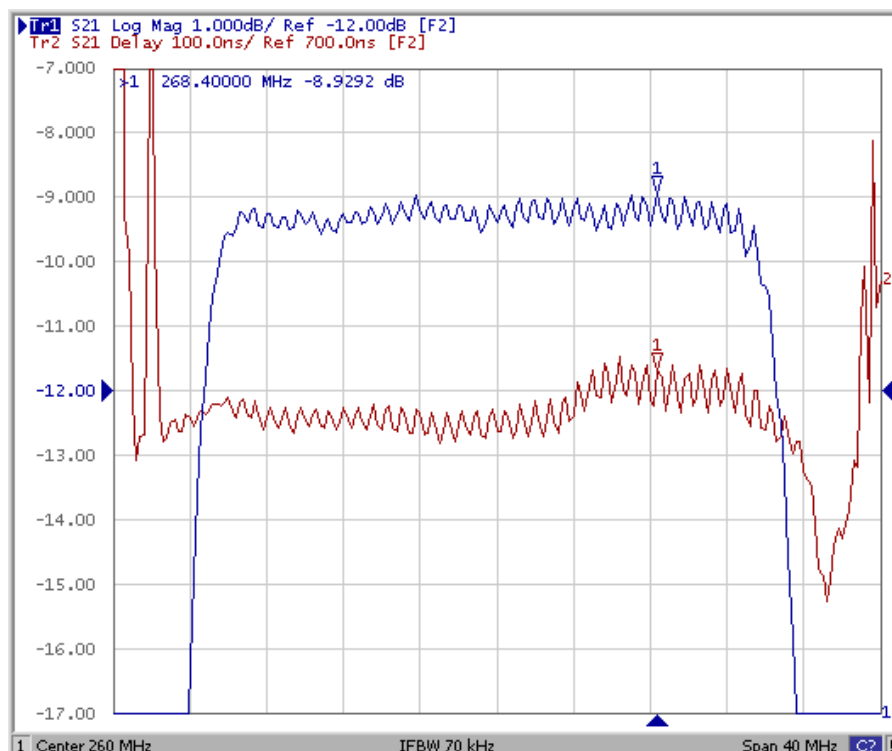
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## C. FREQUENCY CHARACTERISTICS:

### 1. Frequency Response



### 2. Passband response and Group Delay Variation



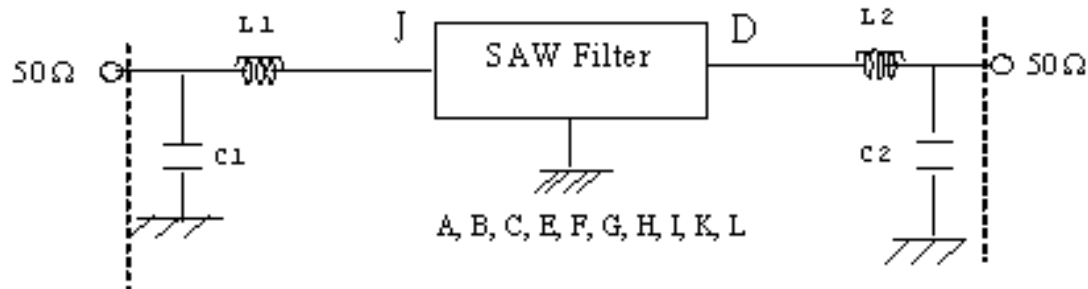
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**D. MEASUREMENT CIRCUIT:**

Source and load impedance: 50  $\Omega$

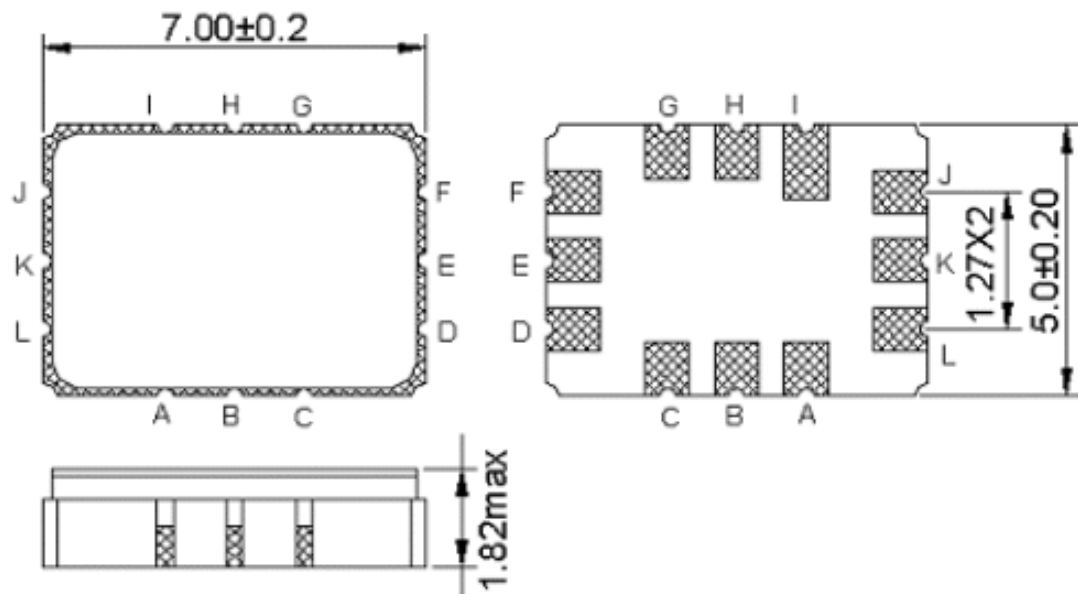
Network analyzer



Input: L1 = 33nH; C1 = 27pF

Output: L2 = 27nH; C2 = 19pF

**E. OUTLINE DRAWING:**



J: RF input

D: RF output

K, L, A, B, C, E, F, I, H, G: Ground

Unit: mm

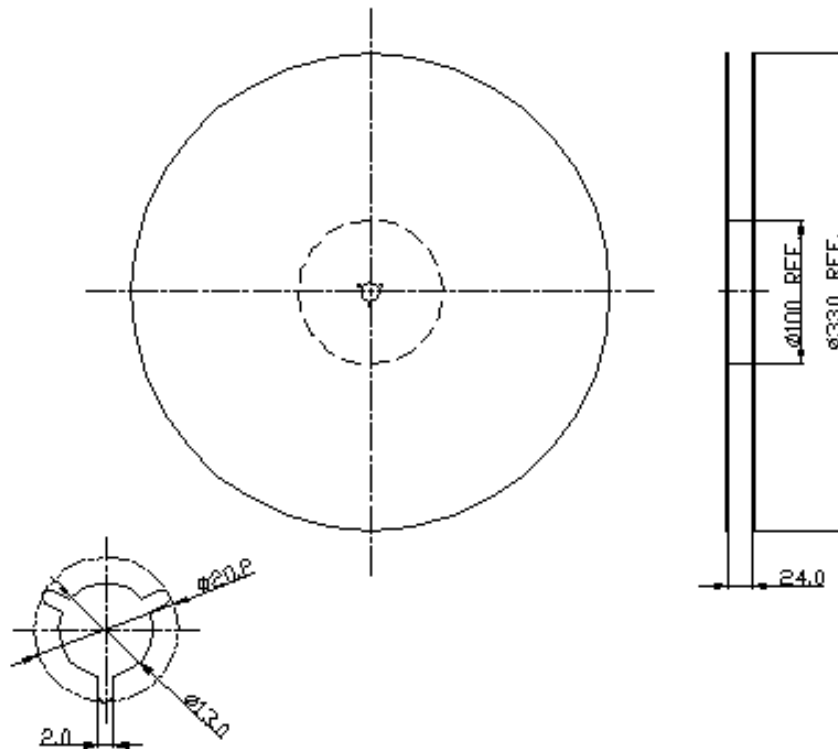


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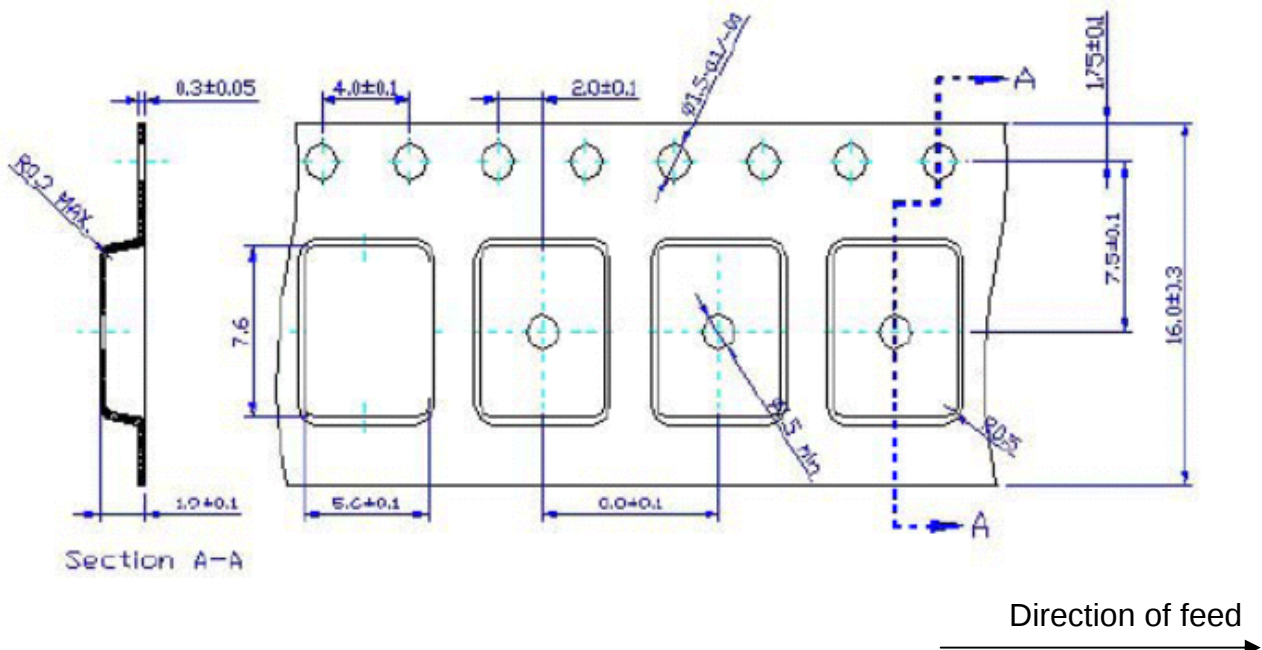
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**G. PACKING:**

1. Reel dimension:



2. Tape dimension:



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**H. RECOMMENDED REFLOW PROFILE:**

