

SAW Filter: 260.0MHz
Part No: MP01860

Model: TB0358A
Rev No: 4

A. MAXIMUM RATING:

Electrostatic Sensitive Device

1. Input Power Level: 10dBm
2. Operating Temperature: -40°C ~ 85°C
3. Storage Temperature: -40°C ~ +85°C
4. Moisture Sensitivity Level: Level 1 (MSL1)

B. CHARACTERISTICS:

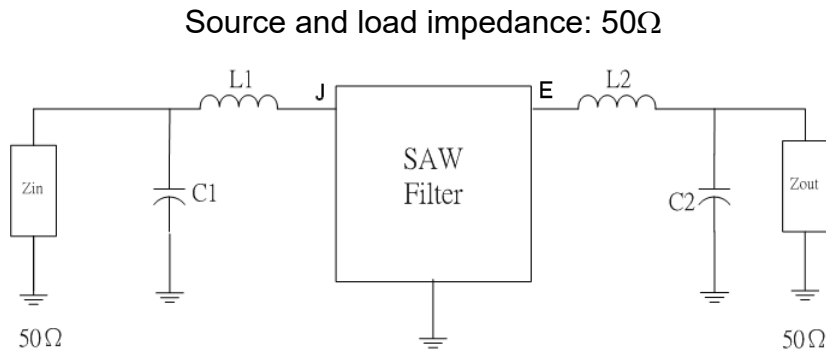
Ambient Temperature: 25°C

Characteristics	Unit	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)				
100~235MHz	dB	40	51	-
235~240MHz	dB	38	46	-
280~285MHz	dB	38	48	-
285~400MHz	dB	40	50	-

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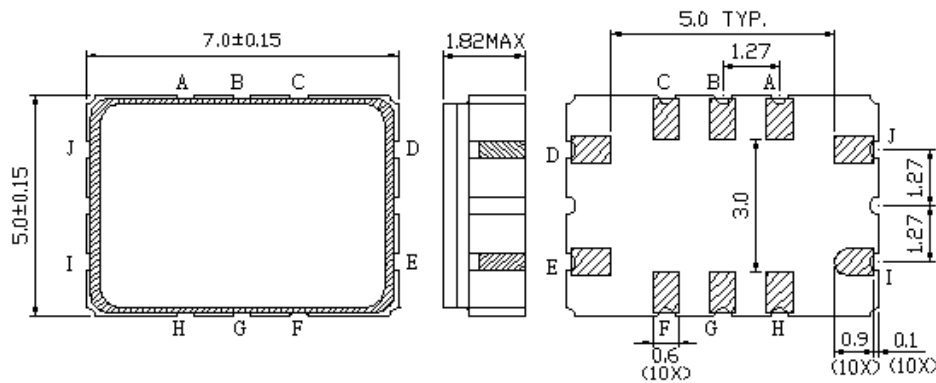
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C. MEASUREMENT CIRCUIT:



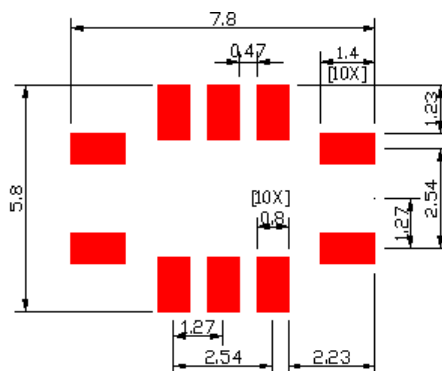
Input: L1=33nH; C1=27pF
 Output: L2=27nH; C2=19pF

D. OUTLINE DRAWING:



J: RF input
 E: RF output
 Others: Ground
 Unit: mm

E. PCB FOOTPRINT:

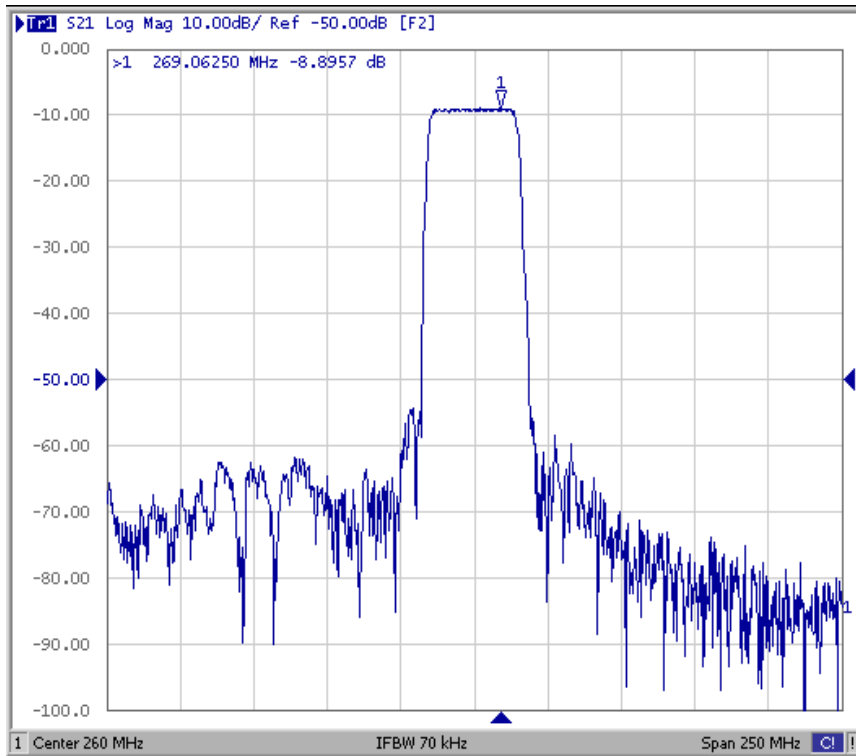


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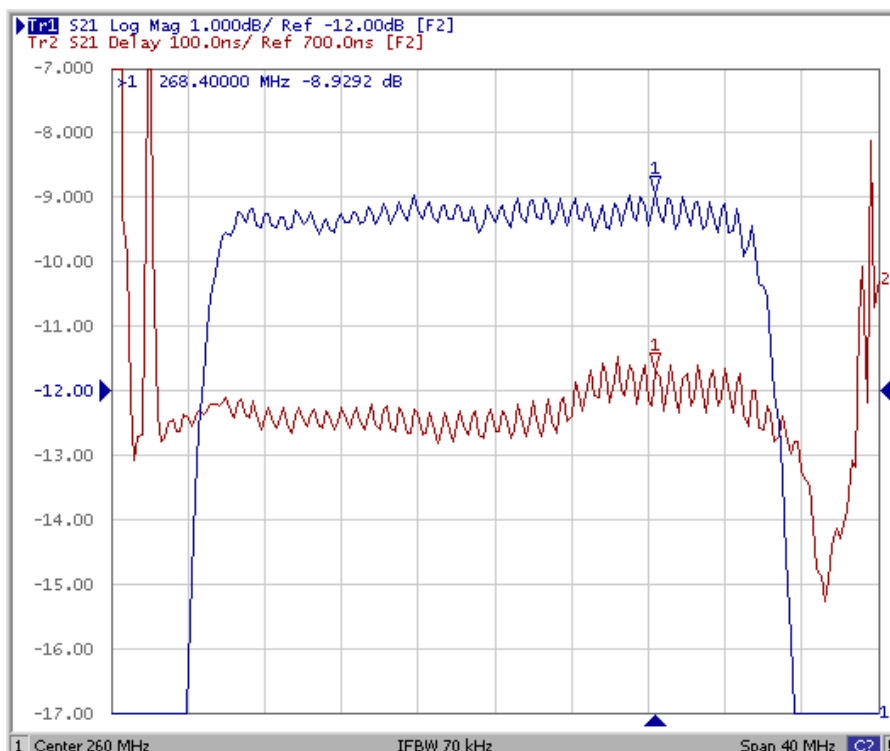
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F. FREQUENCY CHARACTERISTICS:

1. Frequency Response



2. Passband response and Group Delay Variation

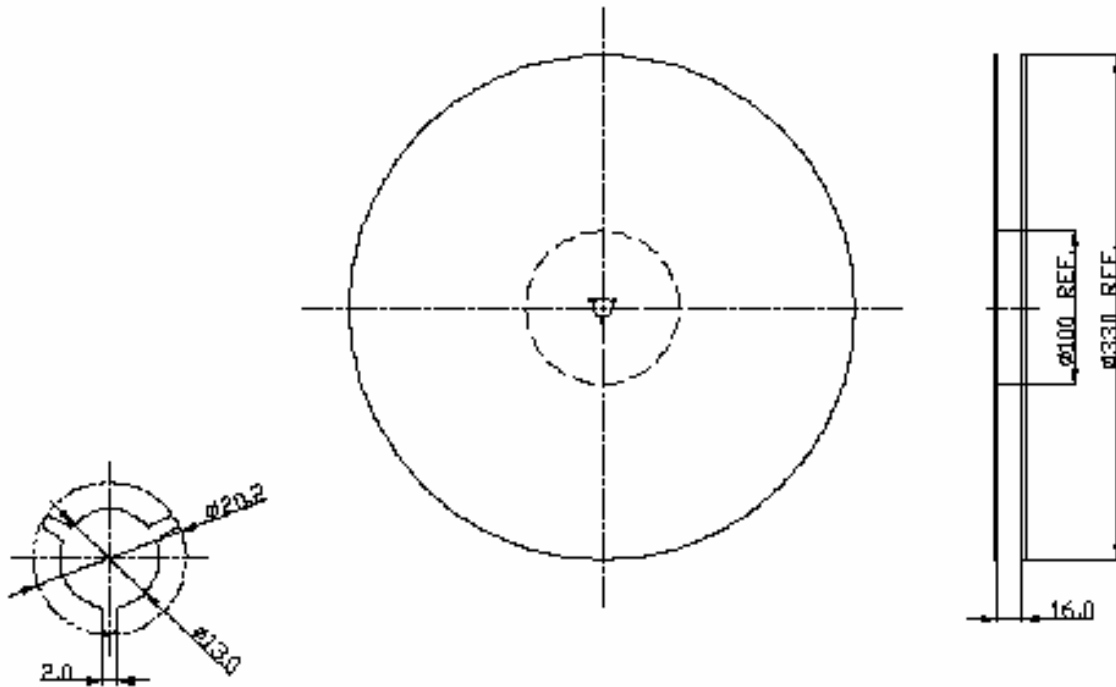


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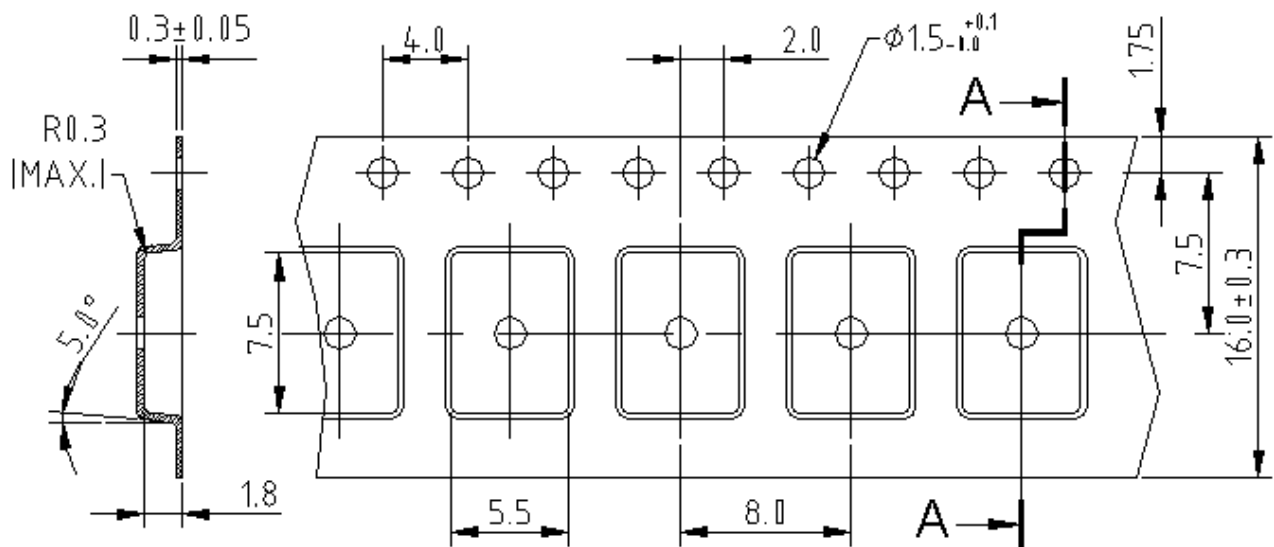
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G. PACKING

1. Reel Dimensions



2. Tape Dimensions



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H. RECOMMENDED REFLOW PROFILE:

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 260°C +0/-5°C peak (20~40 sec).
4. Time: 2 times.

