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**SAW Filter 44.0MHz****Model: TB0364A****Part No: MA08493****REV. NO.: 2**

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**A. MAXIMUM RATING:**

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

**B. CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	-	44	-
Insertion Loss, IL	dB	-	11.5	16
3 dB Bandwidth	MHz	6.5	6.8	
Pass band Ripple Fc±2.7MHz	dB	-	0.9	1.2
Relative Attenuation Fc±3.6MHz	dB	20	23	
Relative Attenuation Fc±4.0MHz	dB	24	26	
Relative Attenuation Fc±7.0MHz	dB	40	43	
Relative Attenuation 26.5MHz to 37MHz	dB	40	59	
Relative Attenuation 51MHz to 61.5MHz	dB	40	48	

**SAW Filter 44.0MHz**

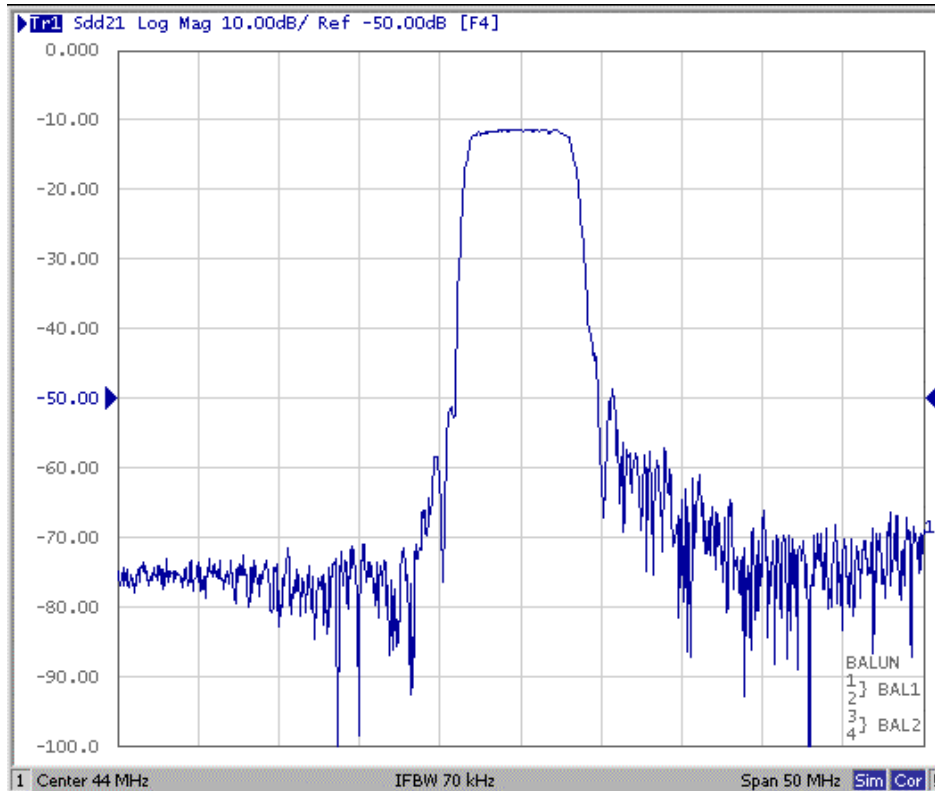
**Model: TB0364A**

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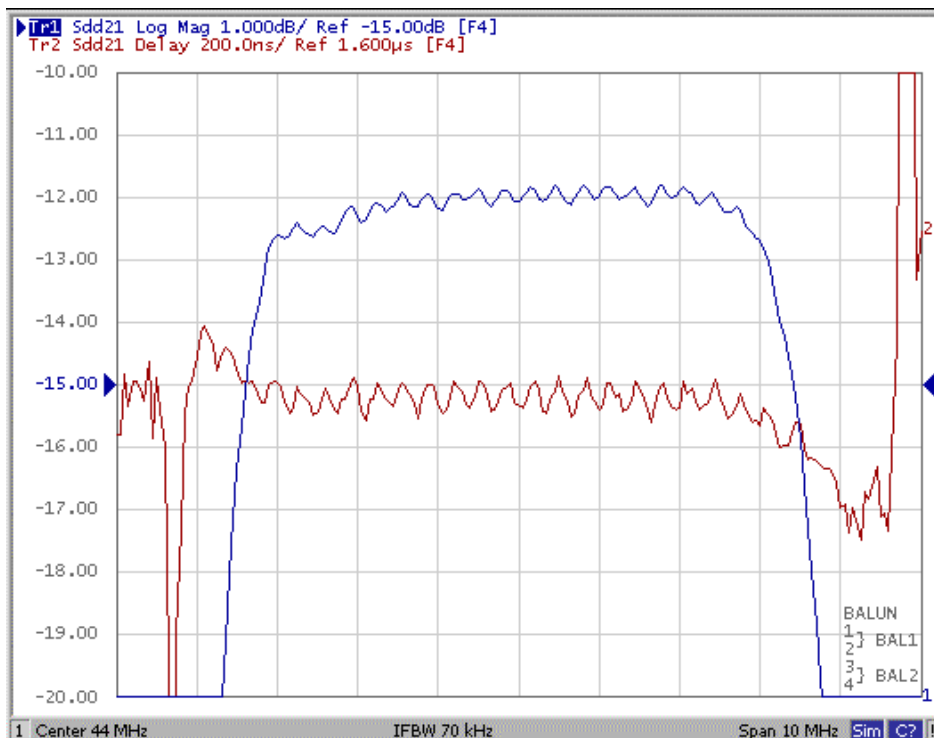
**REV. NO.: 2**

**C. FREQUENCY CHARACTERISTICS:**

**(1) Frequency Response**



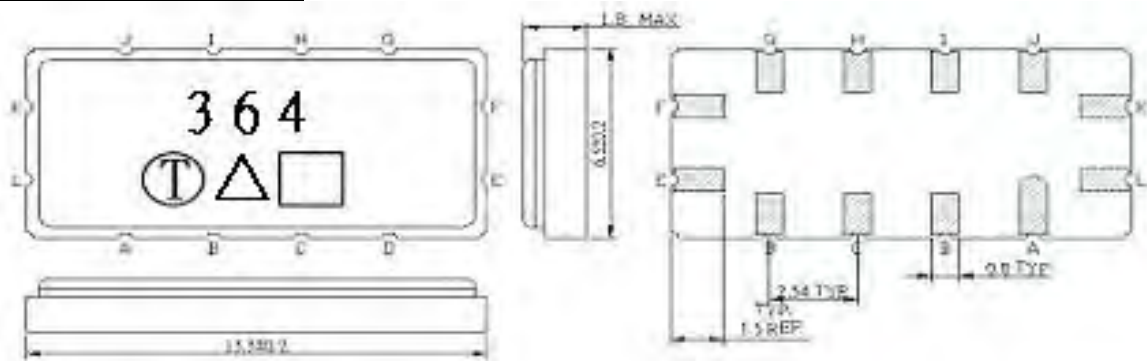
**(2) Passband response and Group Delay Variation:**



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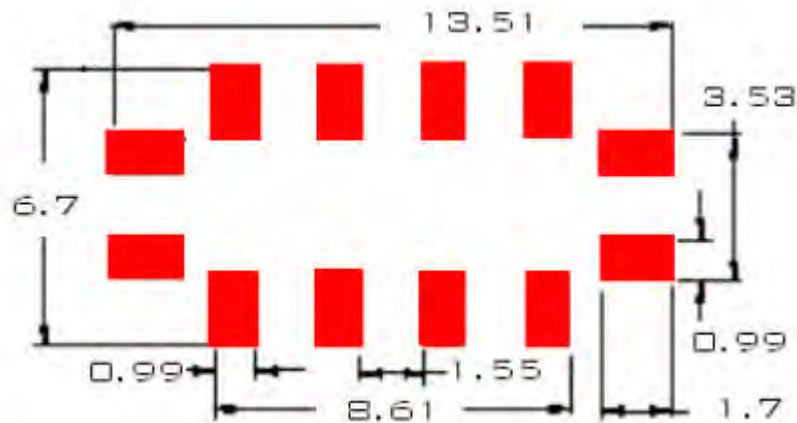
**D. OUTLINE DRAWING:**



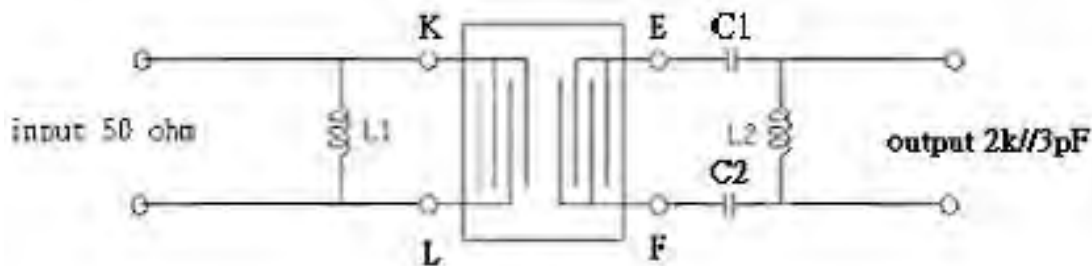
Unit: mm

Pin K=L: RF input  
 Pin E=F: RF output  
 Unit : mm

**E. PCB FOOTPRINT:**



**F. MATCHING CIRCUIT:**



L1=220nH, C1=C2=110pF, L2=680nH

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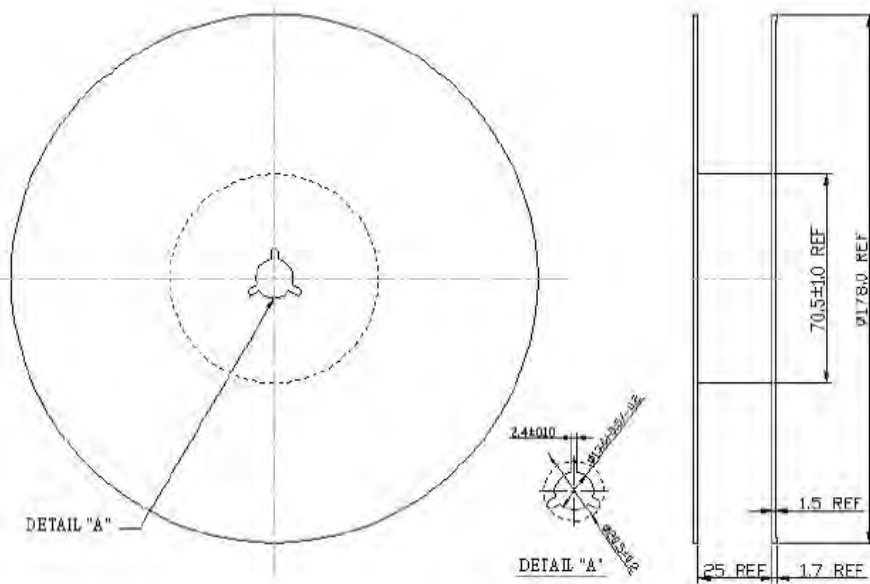
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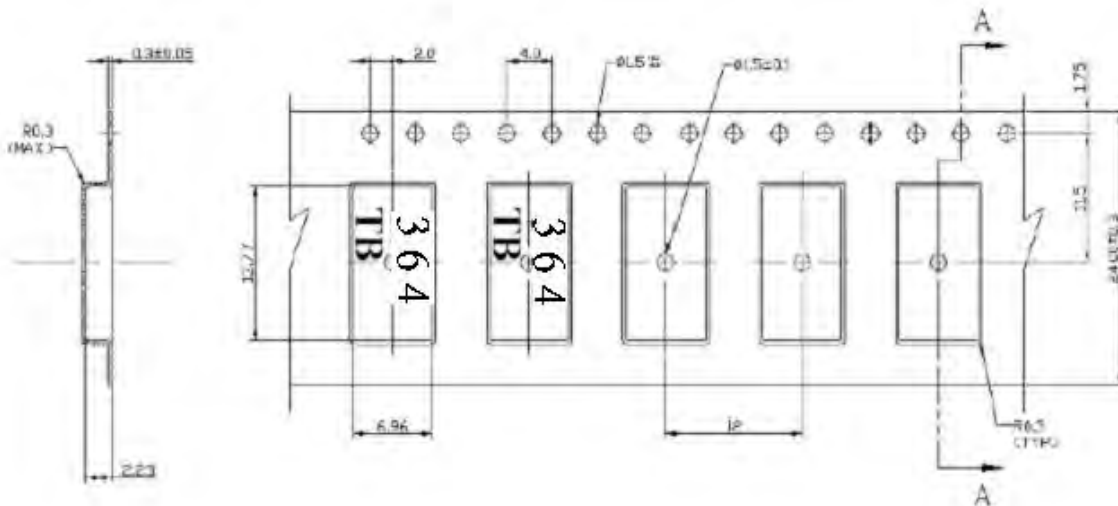
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**G. PACKING:**

(1). REEL DIMENSION:



(2). TAPE DIMENSION:



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**H. RECOMMENDED REFLOW PROFILE:**

