
SAW Filter 44.0MHz**Model: TB0362A****Part No: MA08462****REV. NO.: 2**

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.	Type.	Max.
Center frequency, Fc	MHz	-	44	-
Insertion Loss, IL	dB	-	16	17.5
3 dB Bandwidth	MHz	1.7	1.8	
Pass band Ripple Fc±0.45MHz	dB	-	0.6	1.0
Relative Attenuation Fc±0.96MHz	dB	4	5.5	
Relative Attenuation Fc±1.0MHz	dB	5	6.7	
Relative Attenuation Fc±1.75MHz	dB	38	42	
Relative Attenuation 26.5MHz to 42.5MHz	dB	38	41	
Relative Attenuation 46.5MHz to 61.5MHz	dB	38	52	

SAW Filter 44.0MHz

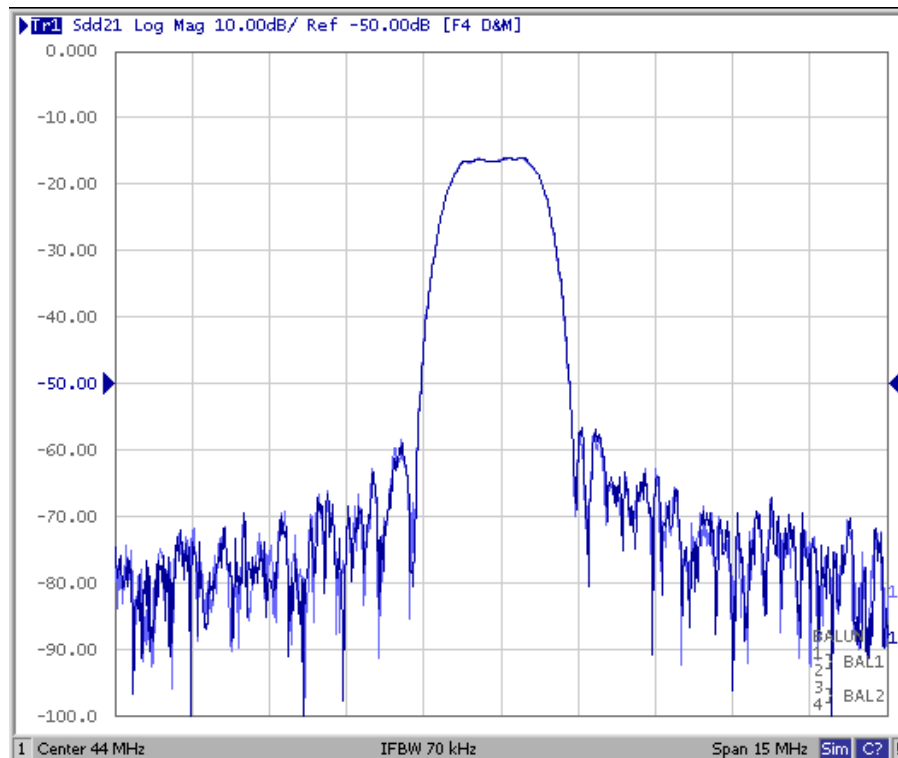
Model: TB0362A

Part No: MA08462

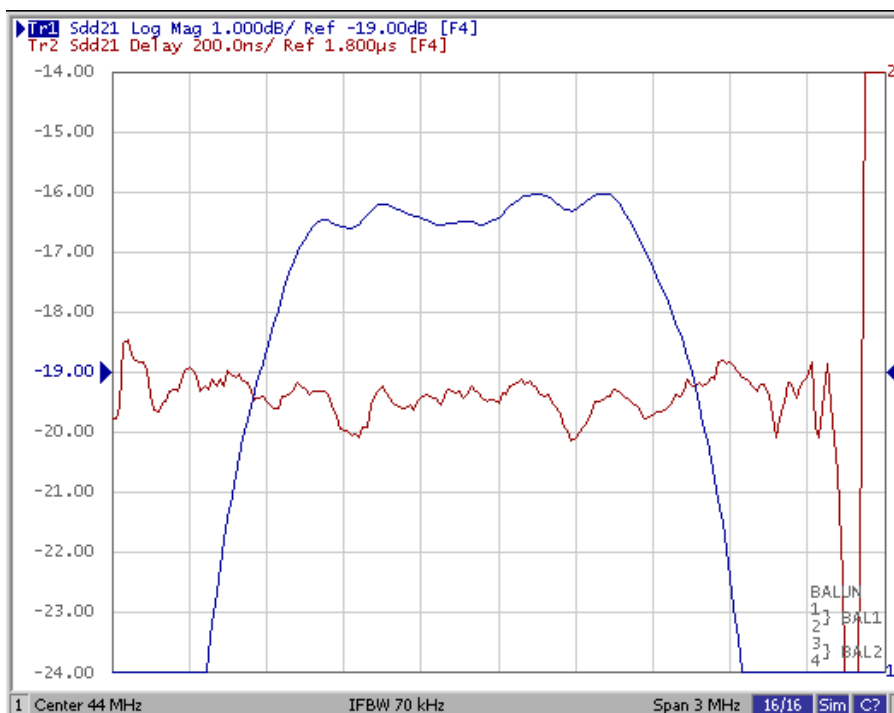
REV. NO.: 2

C. FREQUENCY CHARACTERISTICS:

(1) Frequency Response



(2) Passband response and Group Delay Variation:



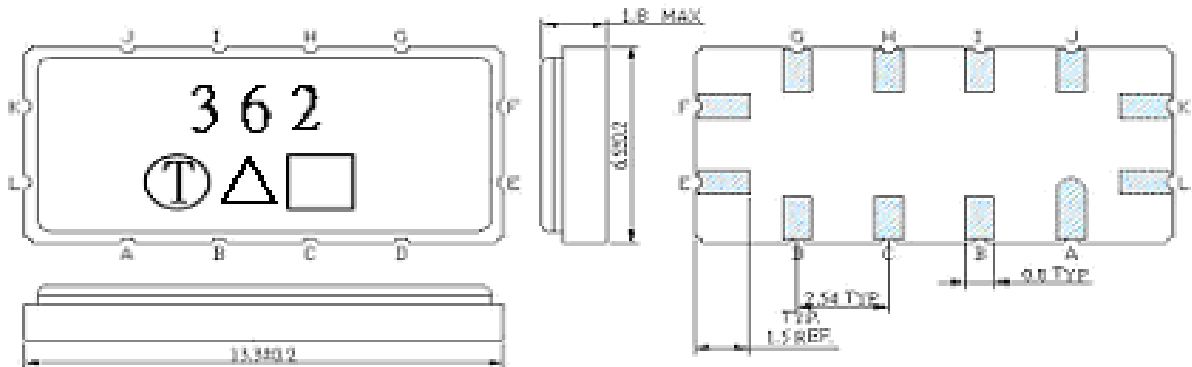
SAW Filter 44.0MHz

Model: TB0362A

Part No: **MA08462**

REV. NO.: 2

D. OUTLINE DRAWING:



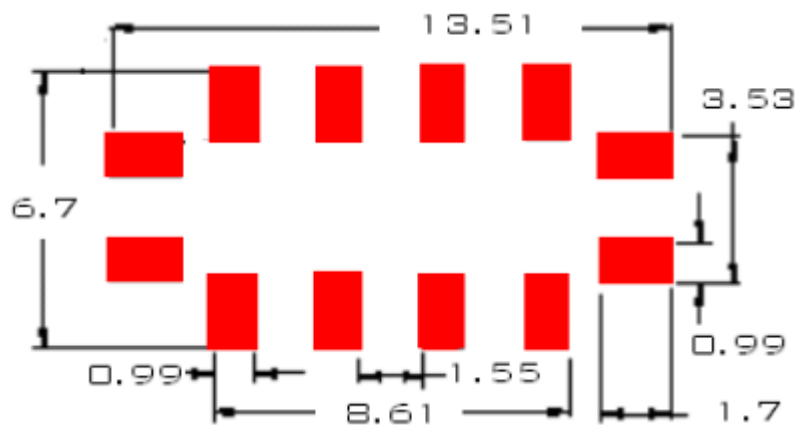
Unit: mm

Pin K=L: RF input

Pin E=F: RF output

Pin A, B, C, D, G, H, I, J: To be Ground

E. PCB FOOTPRINT:



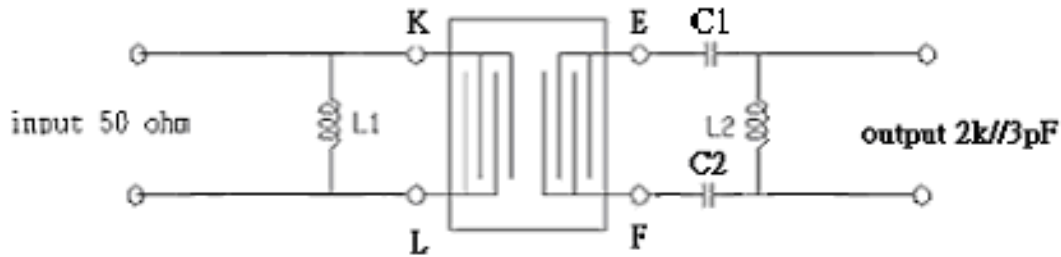
SAW Filter 44.0MHz

Model: TB0362A

Part No: MA08462

REV. NO.: 2

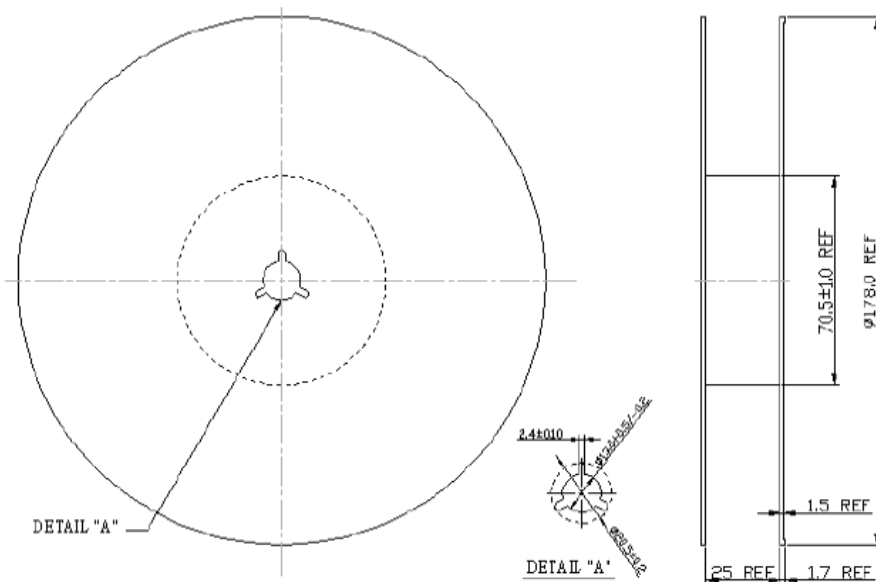
F. MATCHING CIRCUIT:



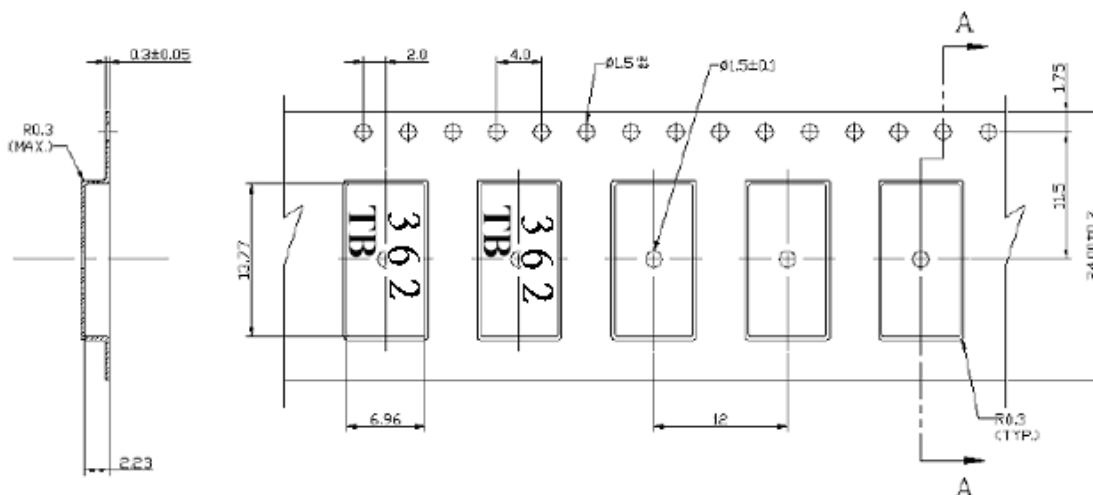
L1=270nH, C1=C2=59pF, L2=560nH

REV. NO.: 2

(1). REEL DIMENSION:



(2). TYPE DIMENSION:



SAW Filter 44.0MHz

Model: TB0362A

Part No: MA08462

REV. NO.: 2

H. RECOMMENDED REFLOW PROFILE:

