

SAW Filter 64.80MHz

Model: TB0395A

Part No: MP02669

REV. NO.: 2

A. MAXIMUM RATING:

1. Operating Temperature: -30 °C ~ +60 °C
2. Storage Temperature: -40 °C ~ +85 °C
3. Input Power Level: 10dBm

B. CHARACTERISTICS:

1. Ambient Temperature: 25°C

Characteristics	Value			Note.
	Min.		Max.	
Center frequency F_c MHz	-	64.8	-	-
Maximum Insertion loss I.L. dB	-	8.41	13.0	-
1dB Bandwidth MHz	8.40	9.27	-	-
3dB Bandwidth MHz	9.00	10.25	-	-
35dB Bandwidth MHz	-	13.08	14.00	-
Passband Ripple ($F_c \pm 4.2\text{MHz}$) MHz	-	0.66	1.00	-
Group Delay Ripple ($F_c \pm 4.2\text{MHz}$) nS	-	120	-	-
Group Delay at F_c uS	-	0.90	1.00	-
Phase linearity at any 200kHz B P-P Deg	-	2.0	5.0	-
Temp Coefficient ppm/°C	-	-94	-	-
Attenuation:(Reference level from minimum insertion loss)				
1) 10 ~ 57 MHz dB	30	36	-	-
2) 57.6 MHz dB	35	40	-	-
2) 73 ~ 90 MHz dB	30	34	-	-
2) 90 ~ 100 MHz dB	40	49	-	-
2) 100 ~ 140 MHz dB	40	49	-	-

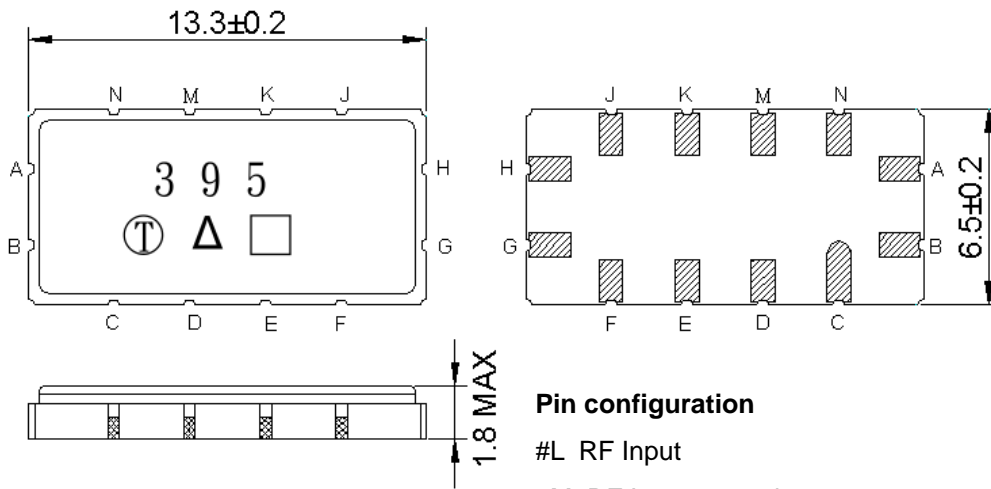
C. OUTLINE DRAWING:

SAW Filter 64.80MHz

Model: TB0395A

Part No: MP02669

REV. NO.: 2



Pin configuration

- #L RF Input
 - #M RF Input ground
 - #E RF Output
 - #F RF Output ground
 - #A,B,C,D,G,H,J,K To be ground
- Unit : mm

SAW Filter 64.80MHz
Part No: MP02669

Model: TB0395A
REV. NO.: 2

D. FREQUENCY CHARACTERISTICS:

1. S21 Response

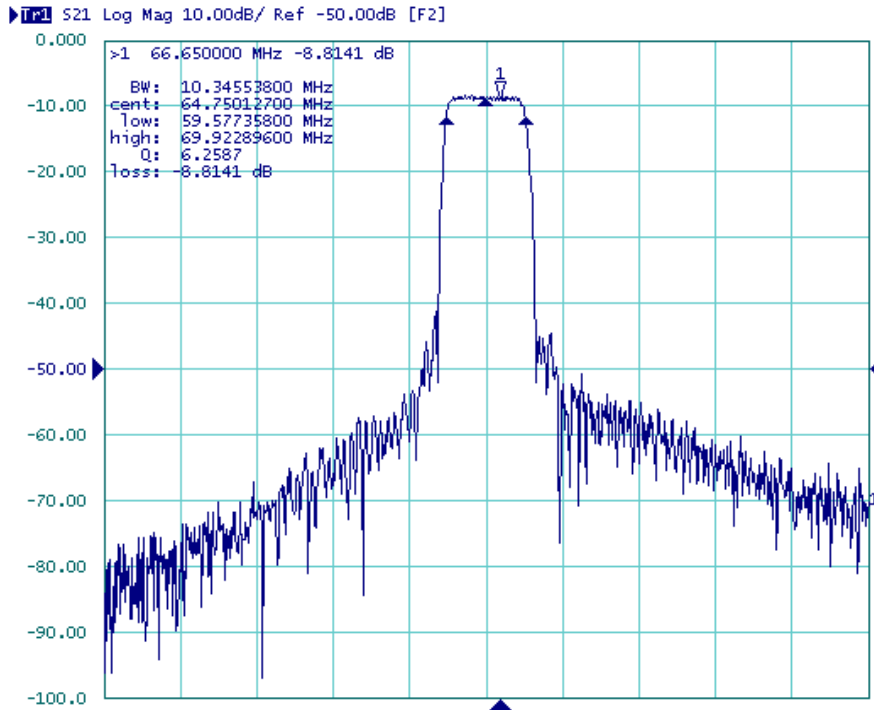


Fig1. Horizontal: 100MHz/Div Vertical: 10dB/Div

2. Pass band Ripple and Group Delay Ripple

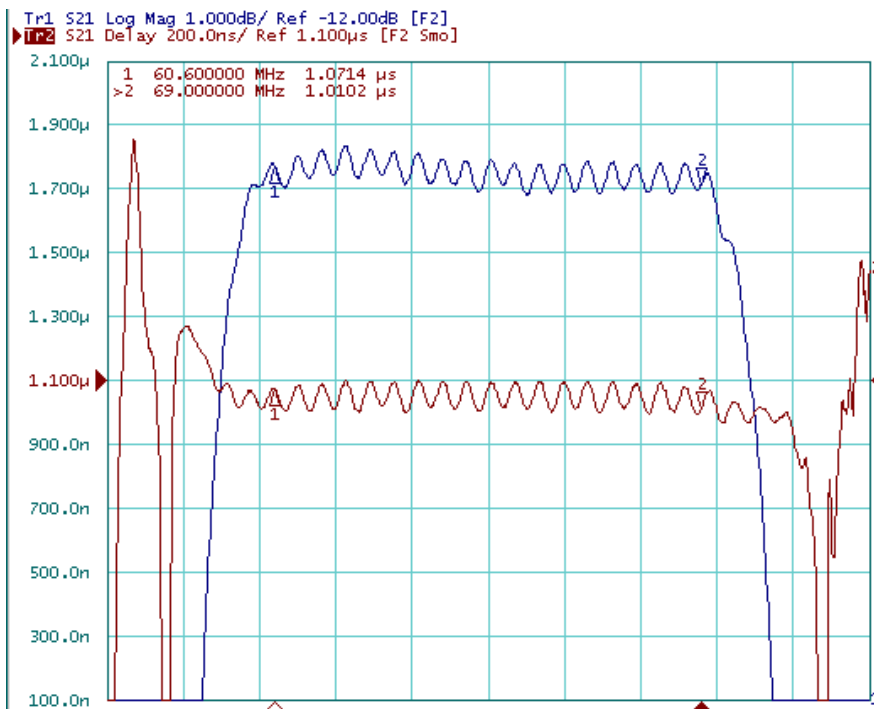


Fig2. Horizontal: 1.5MHz/Div; Vertical: 1dB/Div. Vertical: 200nS/Div,

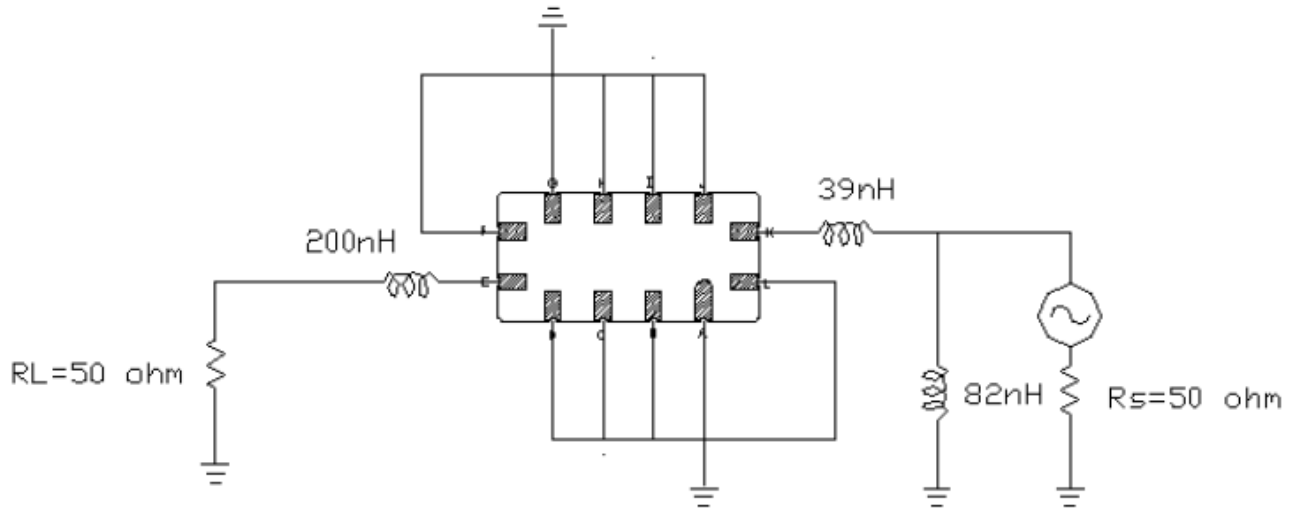
SAW Filter 64.80MHz

Model: TB0395A

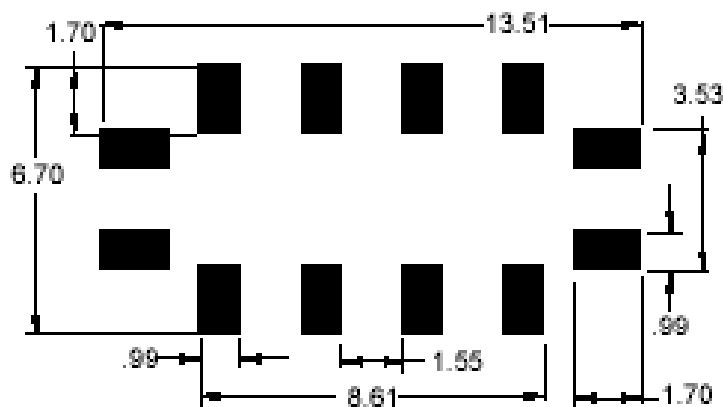
Part No: MP02669

REV. NO.: 2

E. TEST FIXTURE:



F. PCB FOOTPRINT:

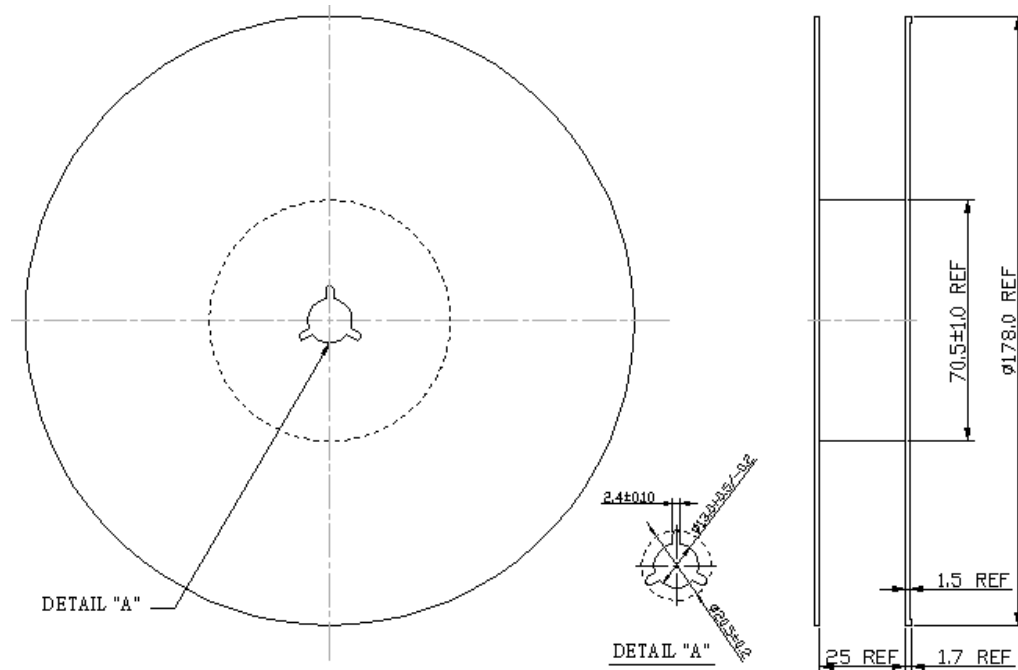


SAW Filter 64.80MHz
Part No: MP02669

Model: TB0395A
REV. NO.: 2

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

