

240.0MHz SAW Filter

Model: TB0341A

Part No: MP01703

REV NO.: 3

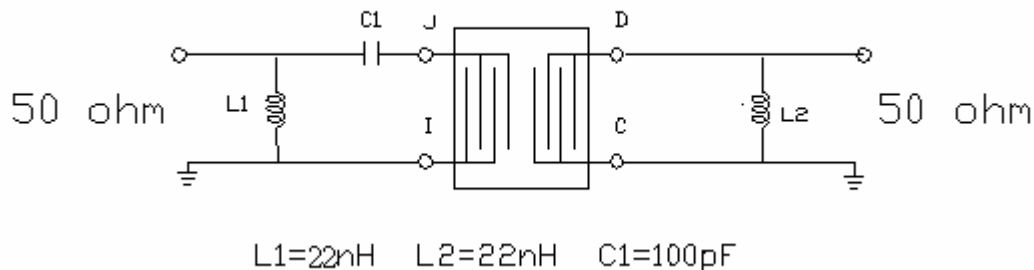
A. MAXIMUM RATING:

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

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency, F_c	MHz	239.5	240	240.5
Minimum Insertion Loss, IL	dB	-	10	14
1dB Bandwidth	MHz	5.0	6.0	-
3dB Bandwidth	MHz	-	6.8	7.2
40 dB Bandwidth	MHz	-	10.4	13
Group Delay ripple (237.5-242.5MHz)	nS	-	50	200
Amplitude ripple (237.5-242.5MHz)	dB	-	0.5	1
Phase linearity (237.5-242.5MHz)	rms	-	3	-
Attenuation:(Ref level from Min IL)				
10~234MHz	dB	43	52	-
250MHz~440MHz	dB	40	48	-

C. TEST CIRCUIT:



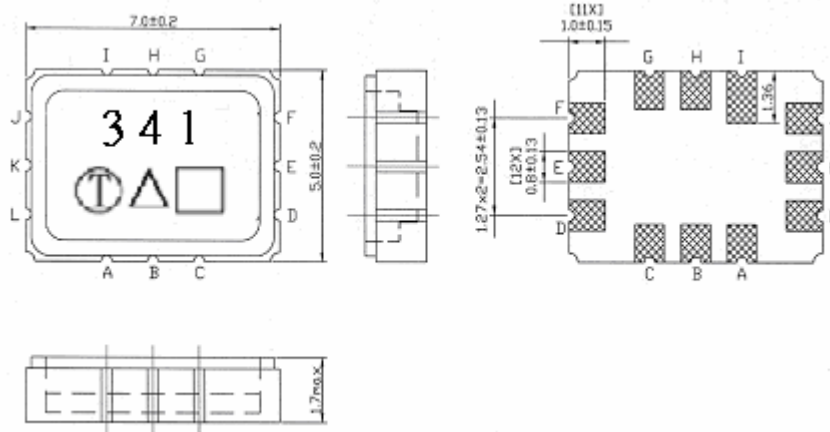
240.0MHz SAW Filter

Model: TB0341A

Part No: MP01703

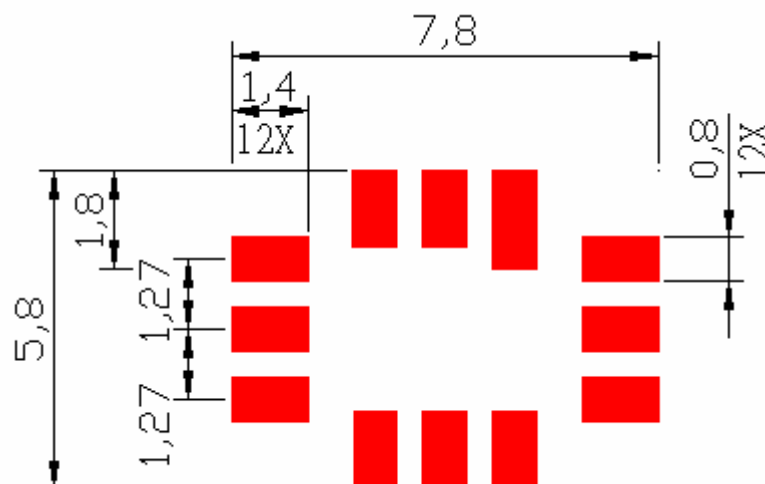
REV NO.: 3

D. OUTLINE DRAWING:



- Pin D : Unbalanced Input
 - Pin J : Unbalanced Output
 - Pin A, B, C, E, F, G, H, I, K, L : To be Ground
- Unit : mm

E. PCB FOOTPRINT:



240.0MHz SAW Filter
Part No: MP01703

Model: TB0341A
REV NO.: 3

F. FREQUENCY CHARACTERISTICS:

(1) wide band of Response:

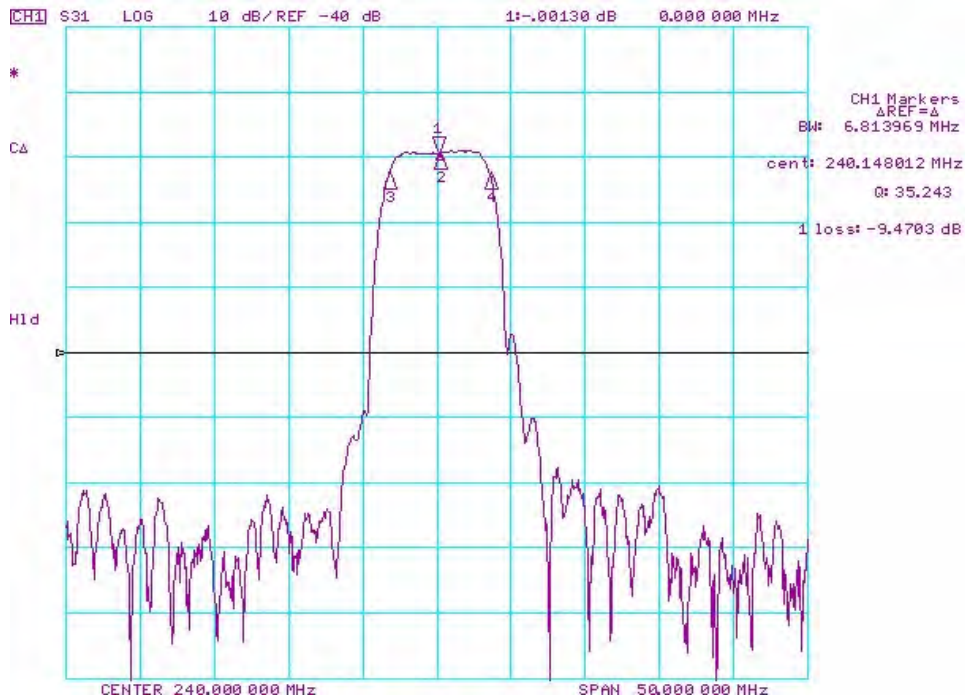


Fig-1 S21 Response Horizontal: 5MHz/Div Vertical: 10dB/Div

(2) Passband of Response:



Fig-2 S21 Response Horizontal: 1MHz/Div Vertical: 1dB/Div 100ns/Div

240.0MHz SAW Filter

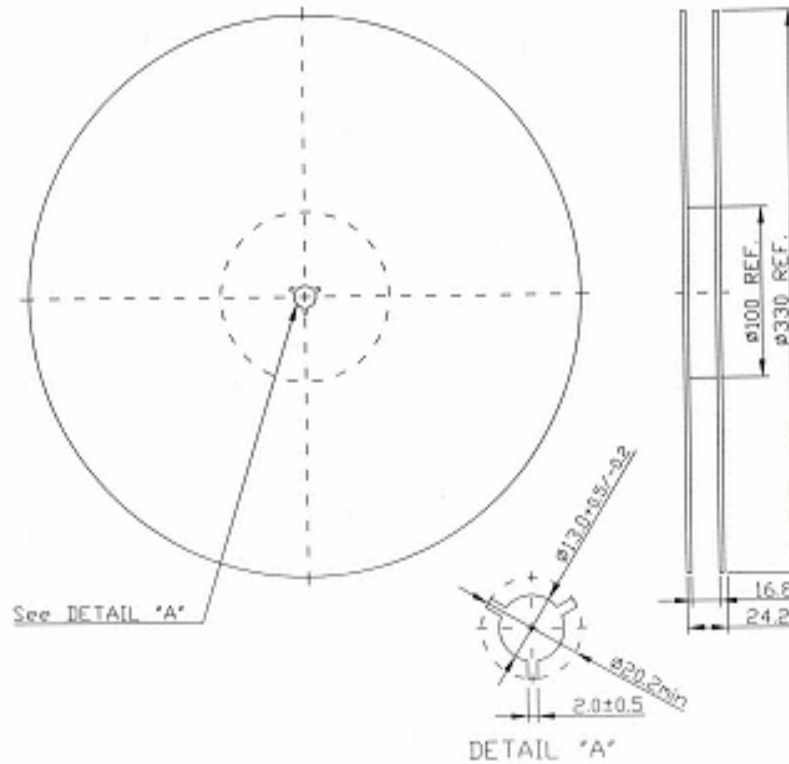
Model: TB0341A

Part No: MP01703

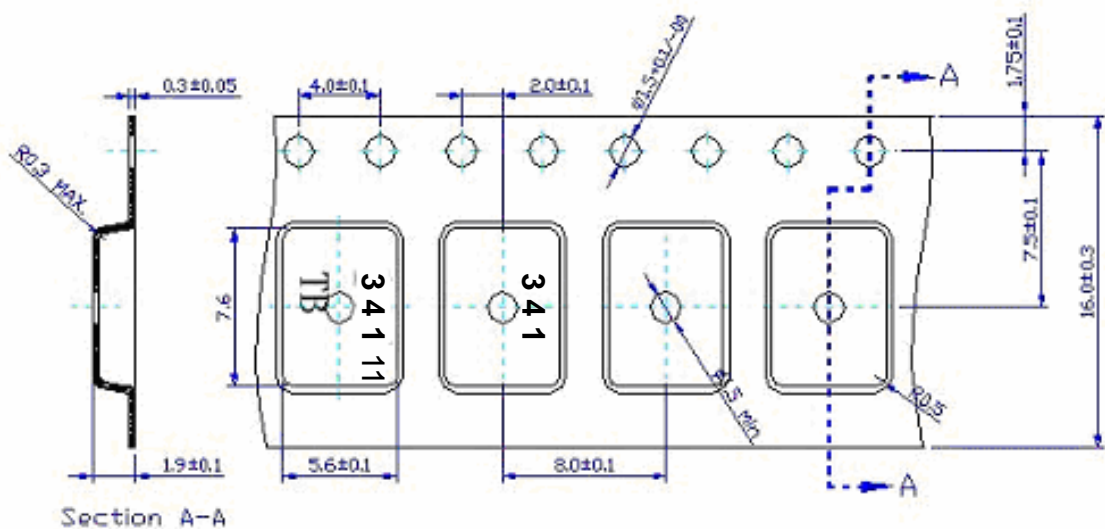
REV NO.: 3

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



240.0MHz SAW Filter

Model: TB0341A

Part No: MP01703

REV NO.: 3

H. RECOMMENDED REFLOW PROFILE:

