

**374MHz SAW Filter for WLAN**

**Model: TB374GD**

**Part No: MA04268**

**REV NO.: 7**

**A. MAXIMUM RATING:**

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

**B. ELECTRICAL CHARACTERISTICS:**

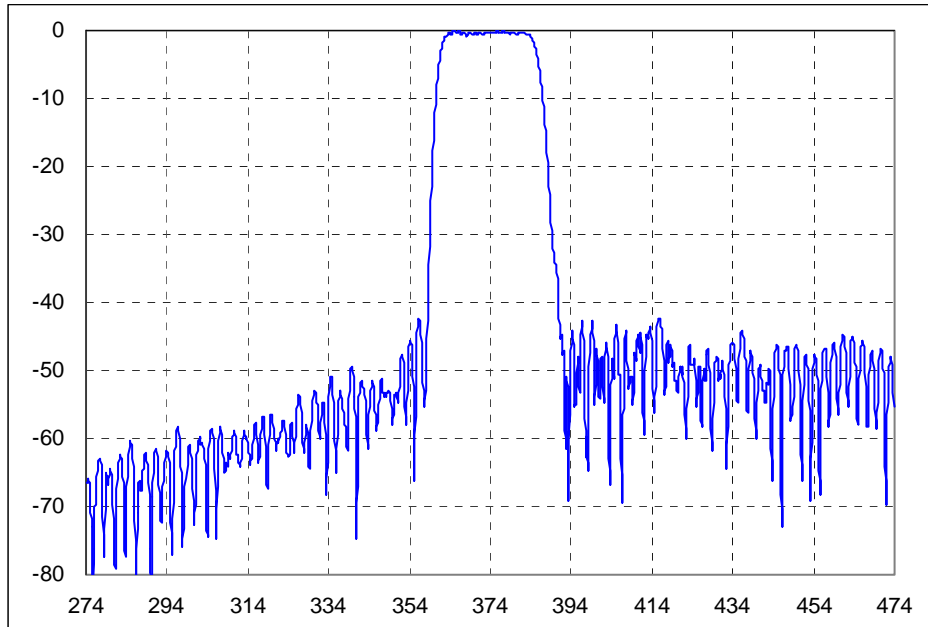
Item	Unit	Min.	Type.	Max.	Note
Center frequency, <b>Fc</b>	MHz	-	374	-	
Insertion Loss, <b>IL</b>	dB	-	8.5	10	
Passband width, <b>BW3</b>	MHz	17	24	-	
Amplitude Ripple in Fc +/- 7MHz	dB	-	0.6	1	
Group delay ripple in Fc +/- 7MHz	nS	-	40	100	
Triple transit suppression	dB	30	37	-	
Attenuation:(Reference level from Min IL)					
Fc -100 to -33MHz	dB	45	52	-	
Fc -33 to -22MHz	dB	40	51	-	
Fc -22 to -16.5MHz	dB	30	42	-	
Fc +16.5 to +22MHz	dB	30	41	-	
Fc +22 to +43 MHz	dB	35	44	-	
Fc +43 to +100MHz	dB	40	47	-	

**374MHz SAW Filter for WLAN**  
Part No: **MA04268**

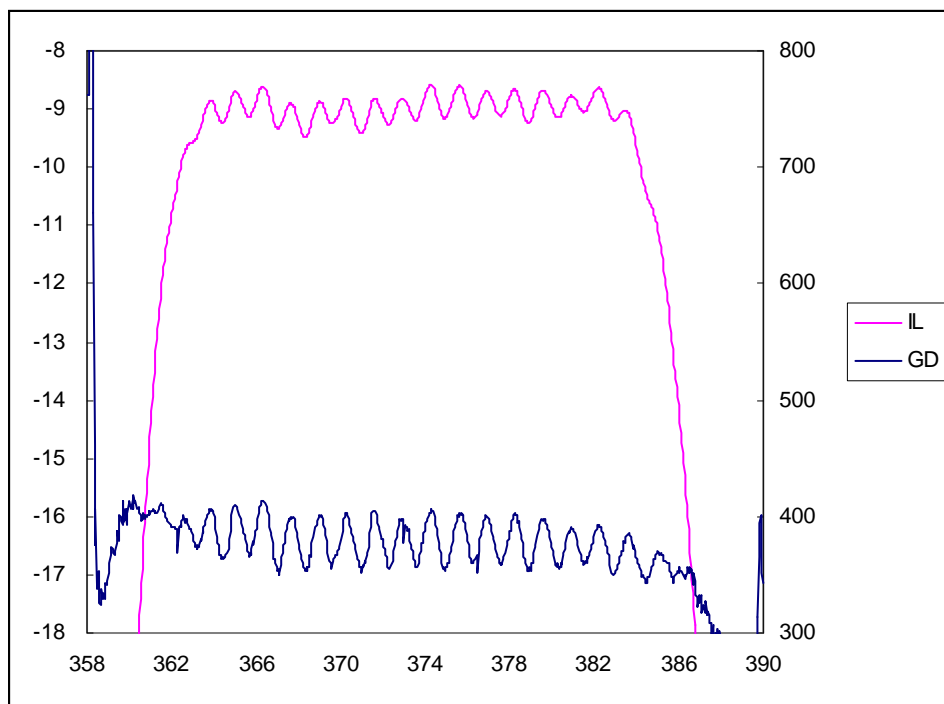
Model: **TB374GD**  
REV NO.: 7

**C. FREQUENCY CHARACTERISTICS:**

(1) Wide band Response:



(2) Passband Response:



**374MHz SAW Filter for WLAN**

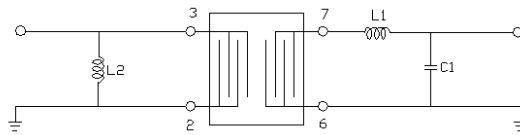
**Model: TB374GD**

**Part No: MA04268**

**REV NO.: 7**

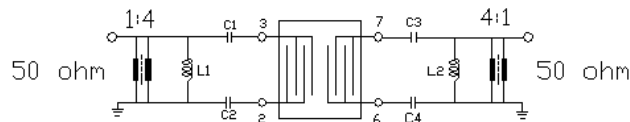
**D. MEASUREMENT CIRCUIT:**

(1) 50Ω unbalanced:



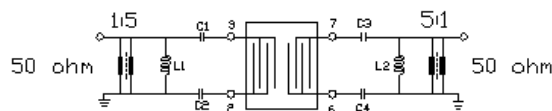
L2=27nH      L1=22nH  
 C1=7PF

(2) 200Ω balanced:



C1=C2=27PF    C3=C4=15PF  
 L1=27NH      L2=27NH

(3) 250Ω balanced:

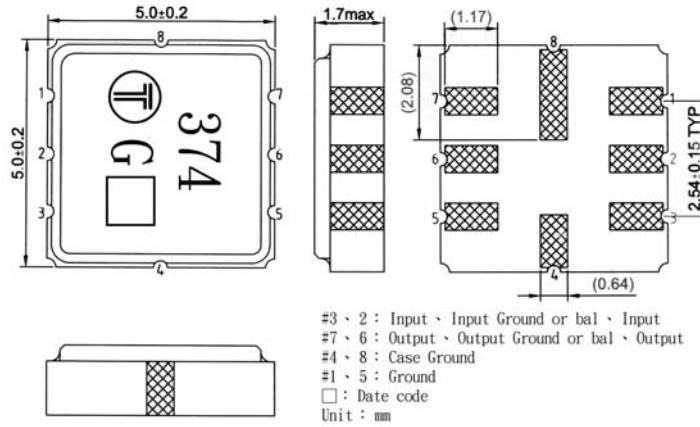


C1=C2=26PF    C3=C4=9PF  
 L1=29NH      L2=41NH

**E. OUTLINE DRAWING:**

**374MHz SAW Filter for WLAN**  
**Part No: MA04268**

**Model: TB374GD**  
**REV NO.: 7**

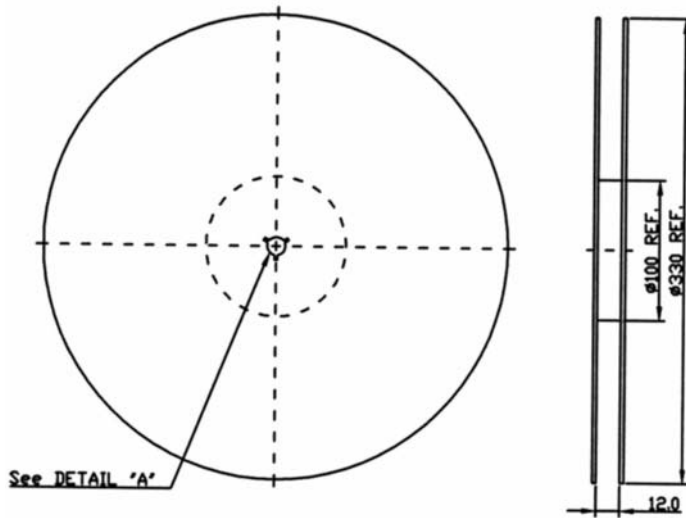


**374MHz SAW Filter for WLAN**  
Part No: **MA04268**

Model: **TB374GD**  
REV NO.: 7

**F. PACKING:**

1. REEL DIMENSION



2. TAPE DIMENSION

