



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: 3/01/06

Product Name: SAW Filter 374MHz WLAN

TST Parts No.: TB374GD

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Andy Lee

Approval by: _____ Francis Chen

Date: _____ 3,01,2006



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SAW Filter 374MHz WLAN

MODEL NO.: TB374GD

REV. NO.:11

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

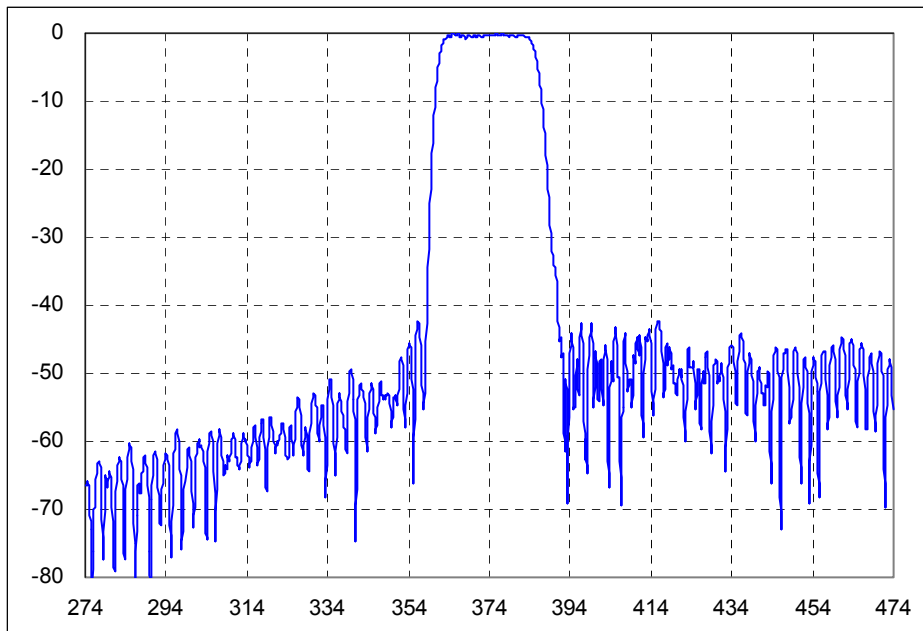
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

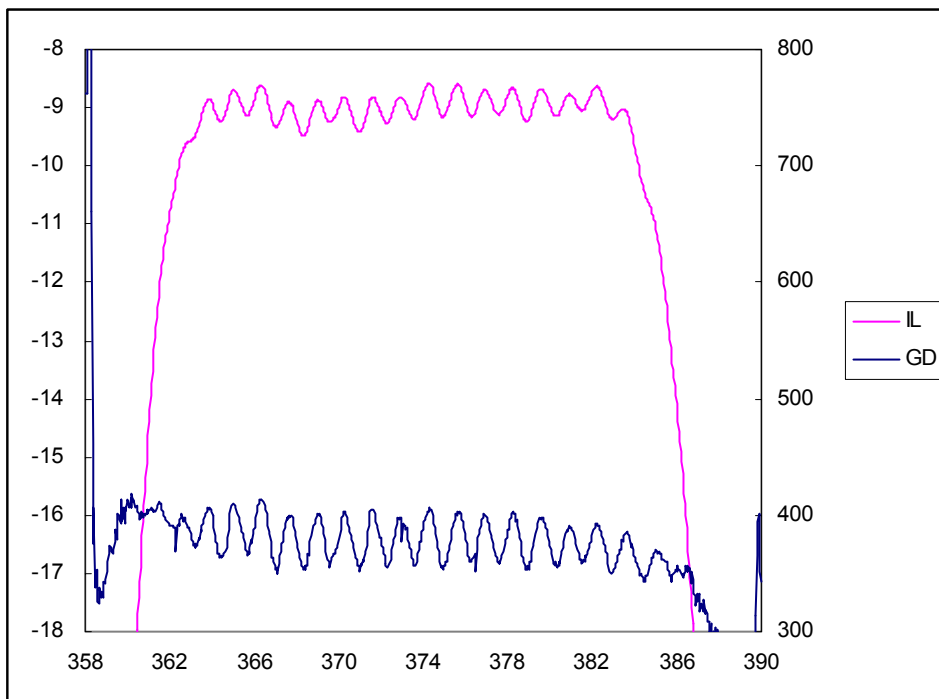
Item	Unit	Min.	Type.	Max.	Note
Center frequency, Fc	MHz	-	374	-	
Insertion Loss, IL	dB	-	8.5	10	
Passband width, BW3	MHz	17	24	-	
Amplitude Ripple in $Fc \pm 7\text{MHz}$	dB	-	0.6	1	
Group delay ripple in $Fc \pm 7\text{MHz}$	nS	-	40	100	
Triple transit suppression	dB	30	37	-	
Attenuation:(Reference 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	-	

C. FREQUENCY CHRACTERISTICS:

(1) wide band of Response:

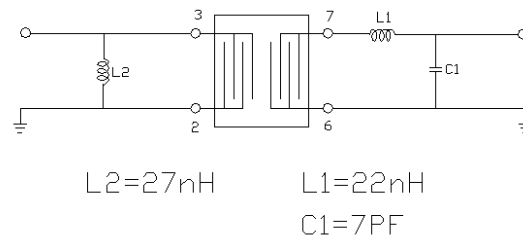


(2) Passband of Response:

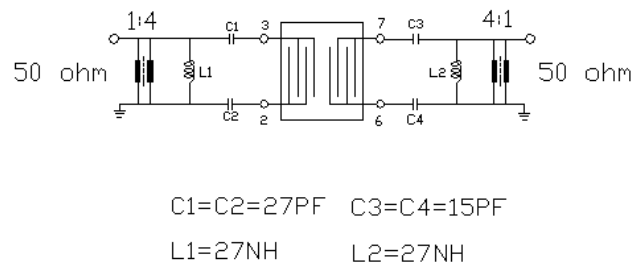


D. MEASUREMENT CIRCUIT:

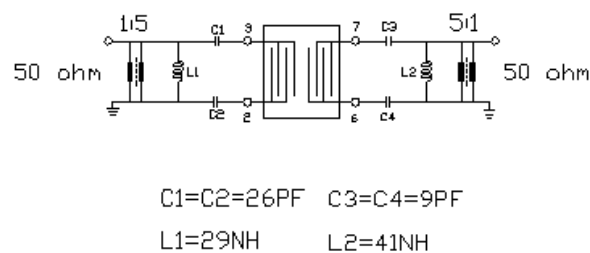
(1) 50 unbalanced:



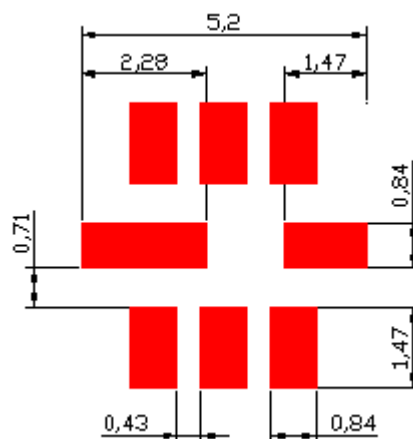
(2) 200 balanced:



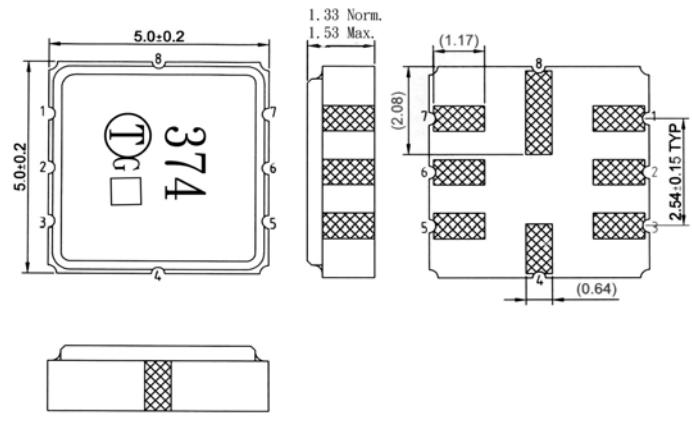
(3) 250 balanced:



E. PCB FOOTPRINT:



E. OUTLINE DRAWING:



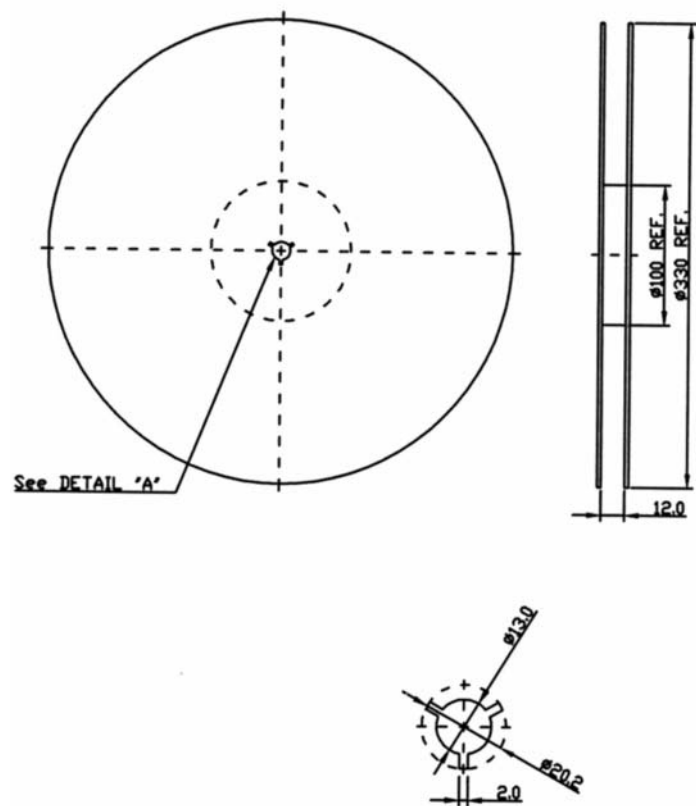
- Pin 7: Balance Output RF+
 - Pin 3: Balance Input RF+
 - Pin 2: Balance Input RF- or Input Ground
 - Pin 6: Balance Output RF- or Output Ground
 - Pin 1,4,5,8: To be ground
 - : data code for week
- Unit: mm

G of Date code for year

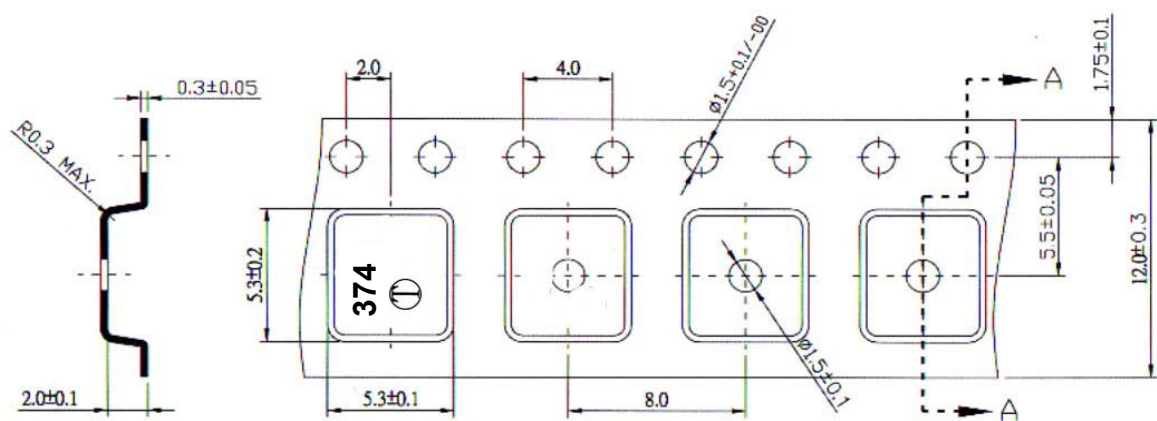
Year	2001 2005	2002 2006	2003 2007	2004 2008
Product Code	G	g	<u>G</u>	<u>g</u>

F. PACKING:
1. REEL DIMENSION

F. PACKING:
1. REEL DIMENSION



2.TAPE DIMENSION



Section A-A