



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date: March, 6, 2006

Product Name: SAW Filter 135 MHz SMD 5.0X7.0 mm

TST Parts No.: TB0373A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 3, 6, 2006



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SAW Filter 135MHz

MODEL NO.:TB0373A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 5V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -30°C to +85°C

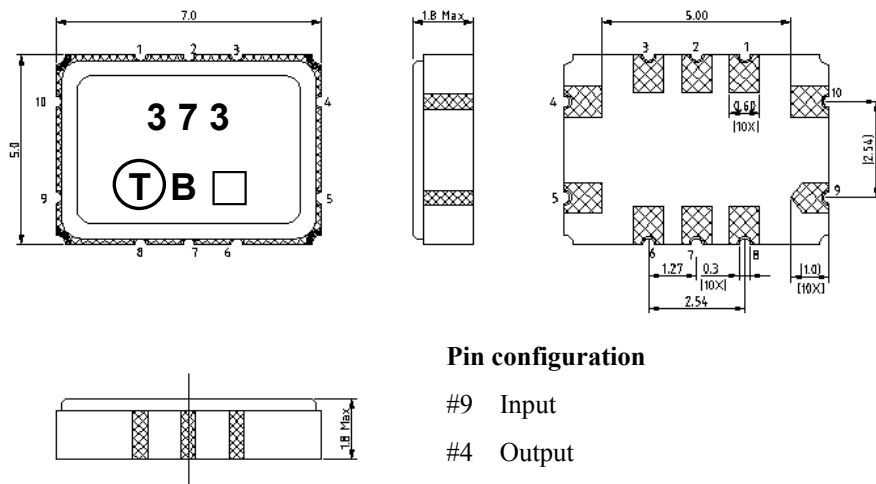
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center frequency, F_c	MHz	-	135	-	-
Insertion loss at F_c IL	dB	-	3.0	5.0	-
Passband Ripple (F_c ± 10.5 kHz)	dB	-	0.2	1	-
3 dB Bandwidth	KHz	±19	±40	-	-
Group delay deviation (F_c ± 10.5 kHz)	μ sec	-	1	5	
Relative Attenuation (relative to 0 dB)					
F_c ± 100 kHz	dB	15	26.5	-	-
F_c ± 200 kHz	dB	40	56.5	-	-
F_c - 920 kHz ~ -880 kHz	dB	50	68.5	-	-
Temperature coefficient of frequency TCf	-0.032 ppm/C ²				

Note1. Considering -11 KHz frequency shift from -20°C to +75°C

C.OUTLINE DRAWING:



Pin configuration

- #9 Input
- #4 Output
- #10 Balance input or input ground
- #5 Balance output or output ground
- #1,2,3,6,7,8 To be grounded

□ Date code

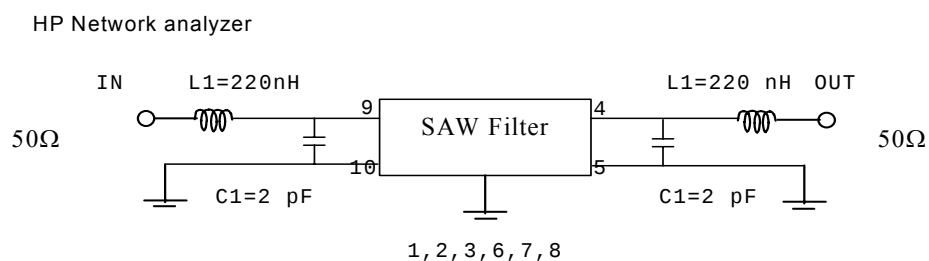
Unit mm

Product Year Code

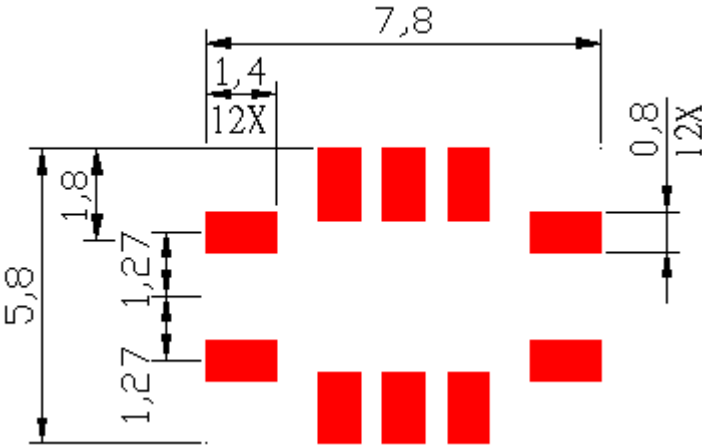
Year	2001 2005	2002 2006	2003 2007	2004 2008
Product Code	B	b	<u>B</u>	<u>b</u>

D. MEASUREMENT CIRCUIT:

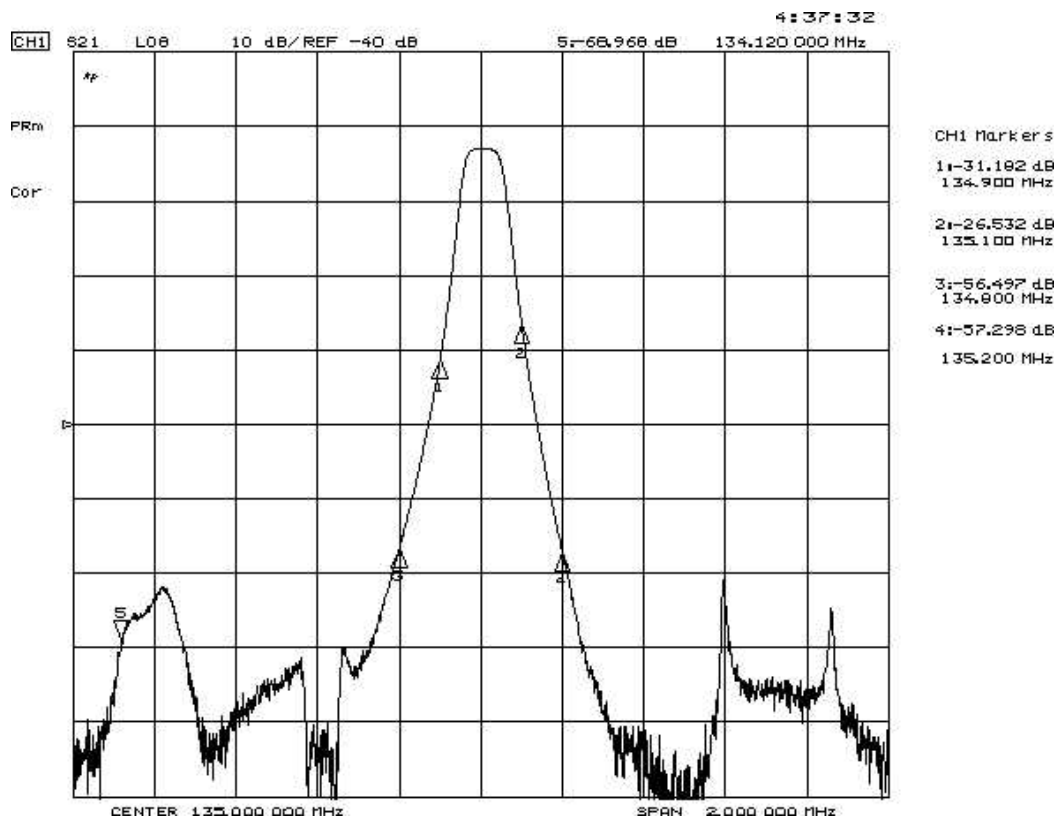
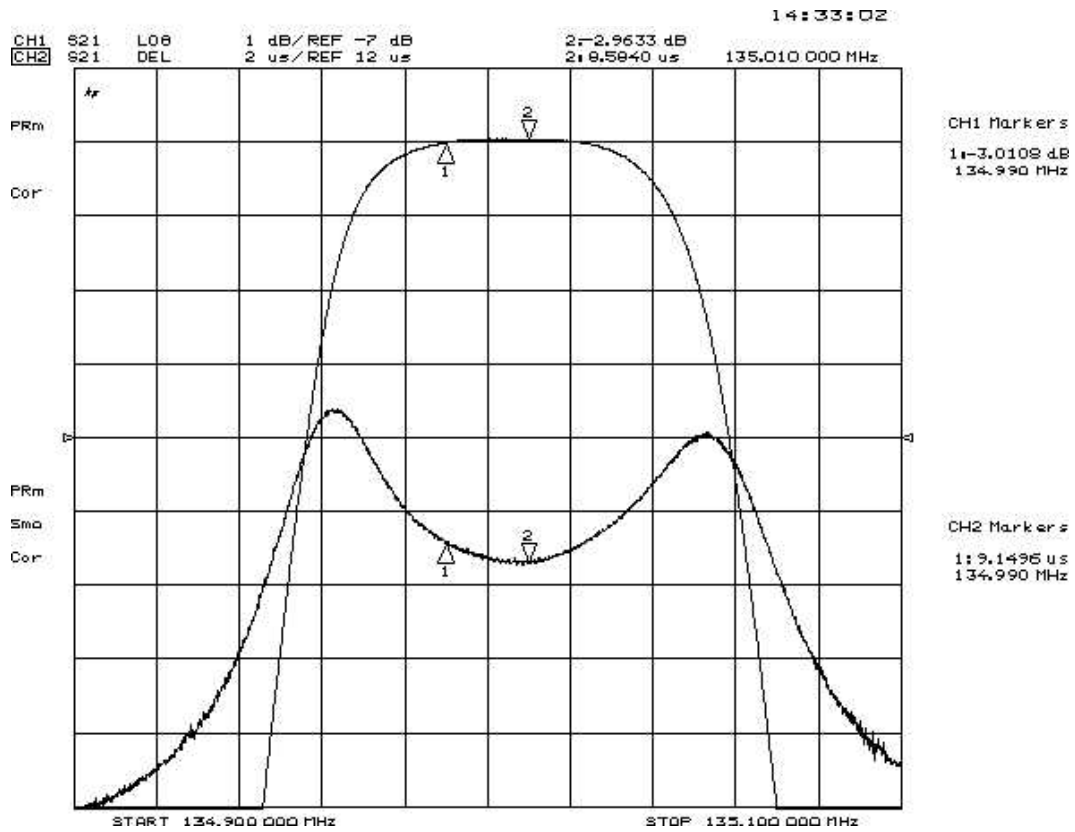
50 Ohm Test circuit (single-ended / single-ended)



E. PCB Footprint:

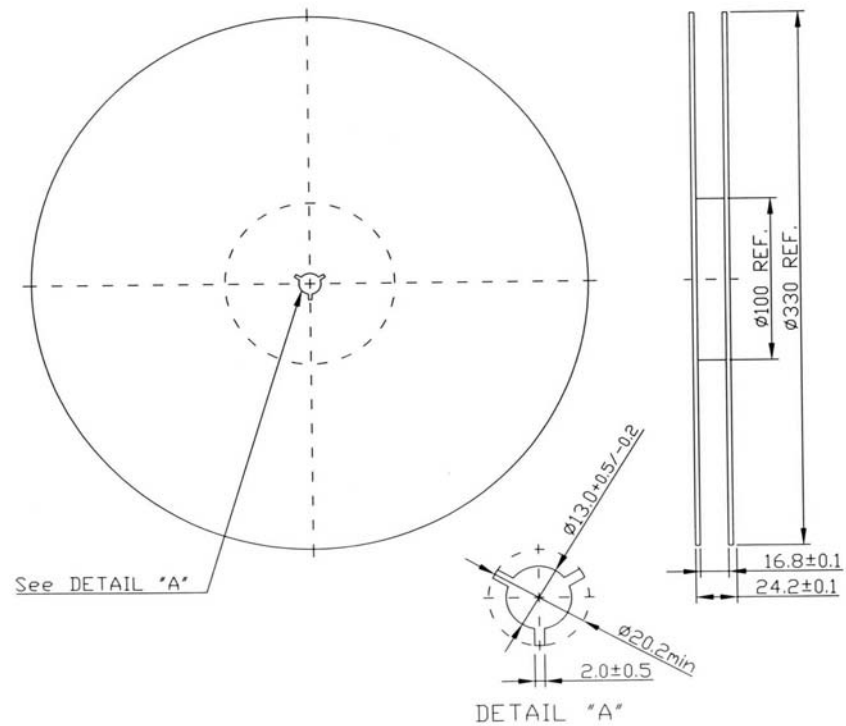


F. Frequency Characteristics :



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

