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: Mar, 2, 2007

Product Name: SAW Filter 169.2 MHz SMD 5.0X7.0 mm

TST Parts No.: TB0484A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Bob Chau_____

Approval by:_____Francis Chen_____

Date:_____3, 2, 2007_____

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SAW Filter 169.2MHz

MODEL NO.:TB0484A REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 15 dBm
2. DC Voltage : 5V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

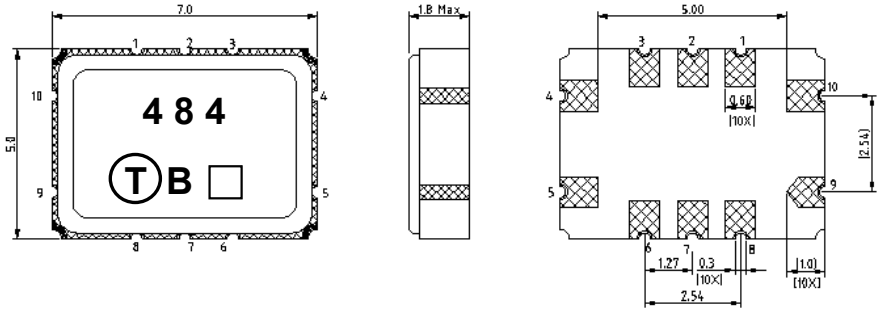
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Type.	Max.	Note
Center frequency	**Fc**	MHz	-	169.2	-	-
Insertion loss at center frequency	**ILc**	dB	-	3.0	7.0	-
Ripple (169.19625~169.20375)		dB	-	±0.2	±1	-
Attenuation (relative to **ILc**)						
168.2 ~ 168.3025 MHz		dB	30	50	-	-
168.3025 ~ 169.1 MHz		dB	7	21	-	-
169.3 ~ 170.0975 MHz		dB	7	21	-	-
170.0975 ~ 170.2 MHz		dB	30	50	-	-
Temperature coefficient of frequency	**TCf**		-0.034 ppm/C^2			

Note1. Considering -21 KHz frequency shift from –40℃ to +85℃

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

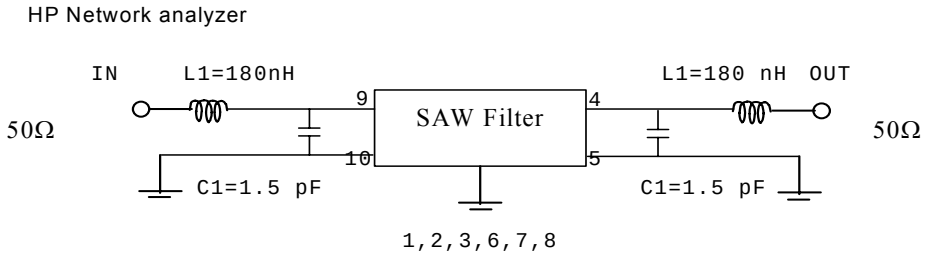
□ Date code

Unit mm

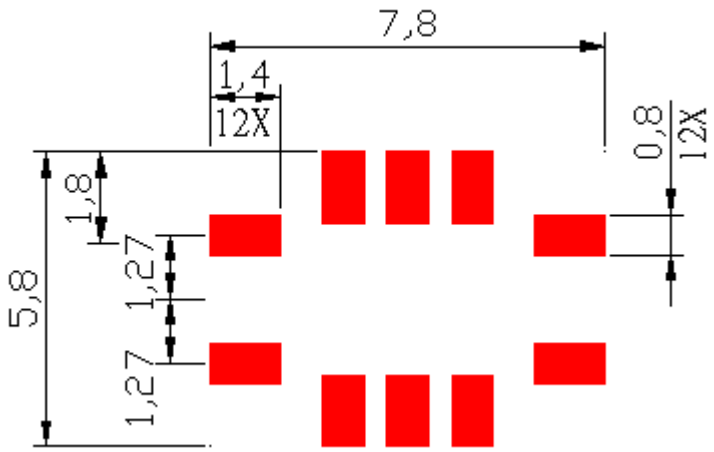
Product Year Code

Year	2001 2005	2002 2006	2003 2007	2004 2008
Product Code	B	b	B	b

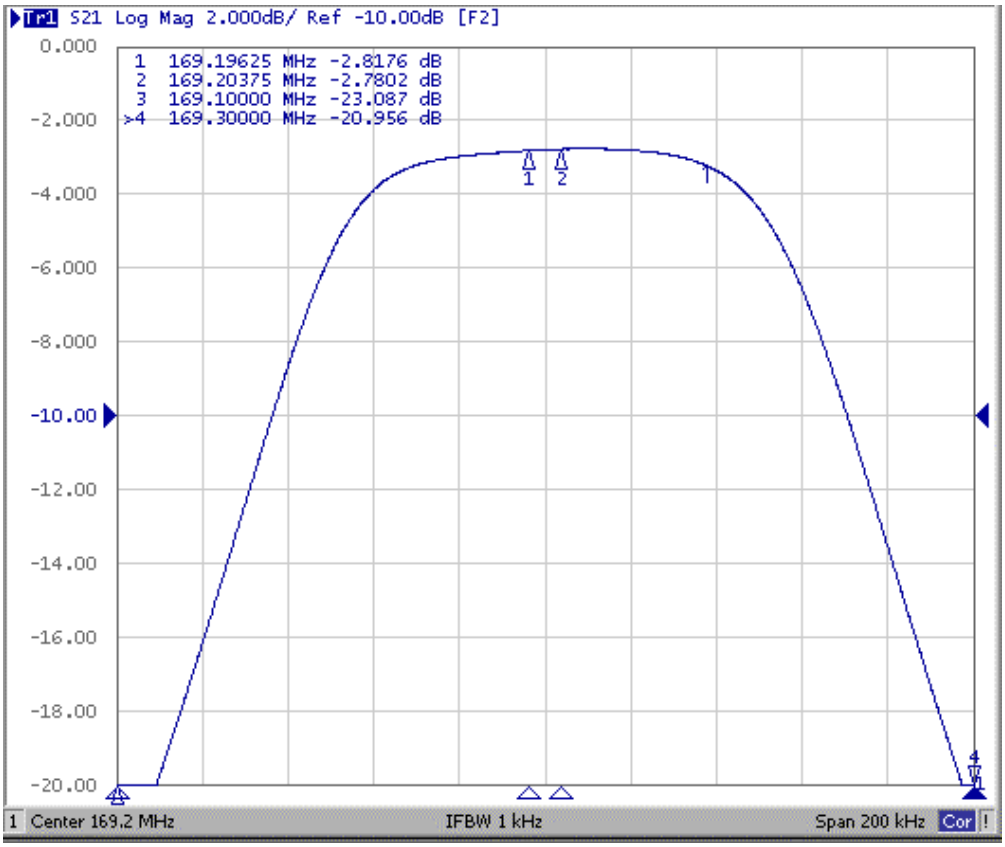
D. MEASUREMENT CIRCUIT:
50 Ohm Test circuit (single-ended / single-ended)

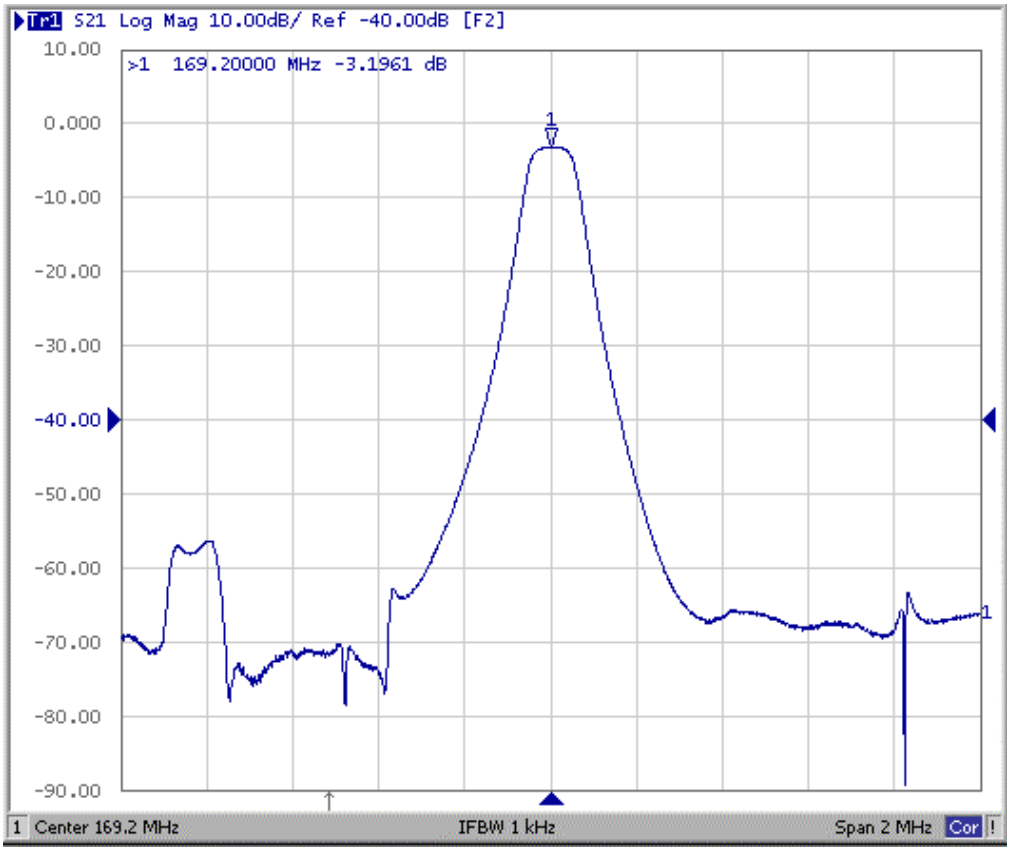


E. PCB Footprint:



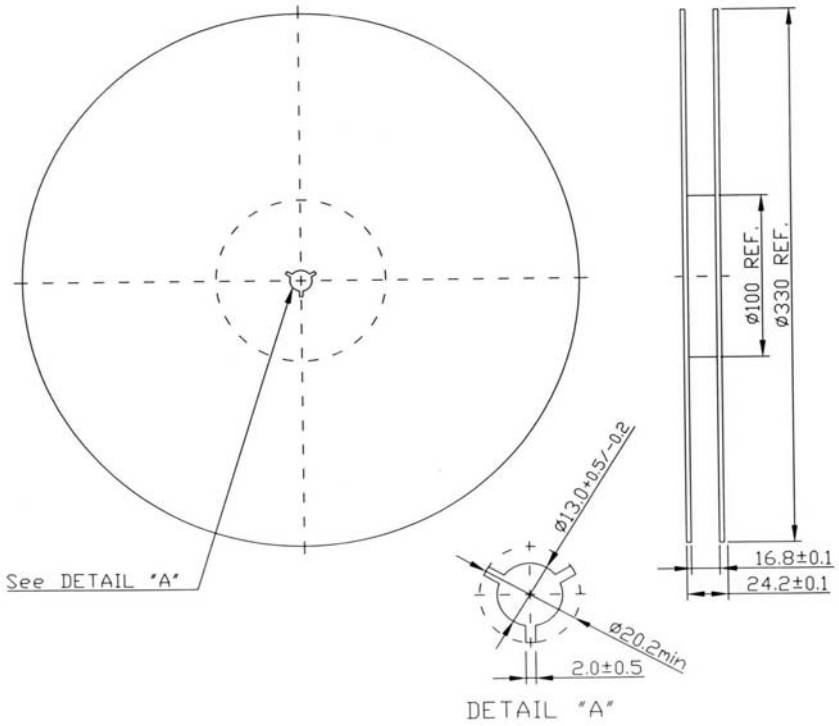
F. Frequency Characteristics :



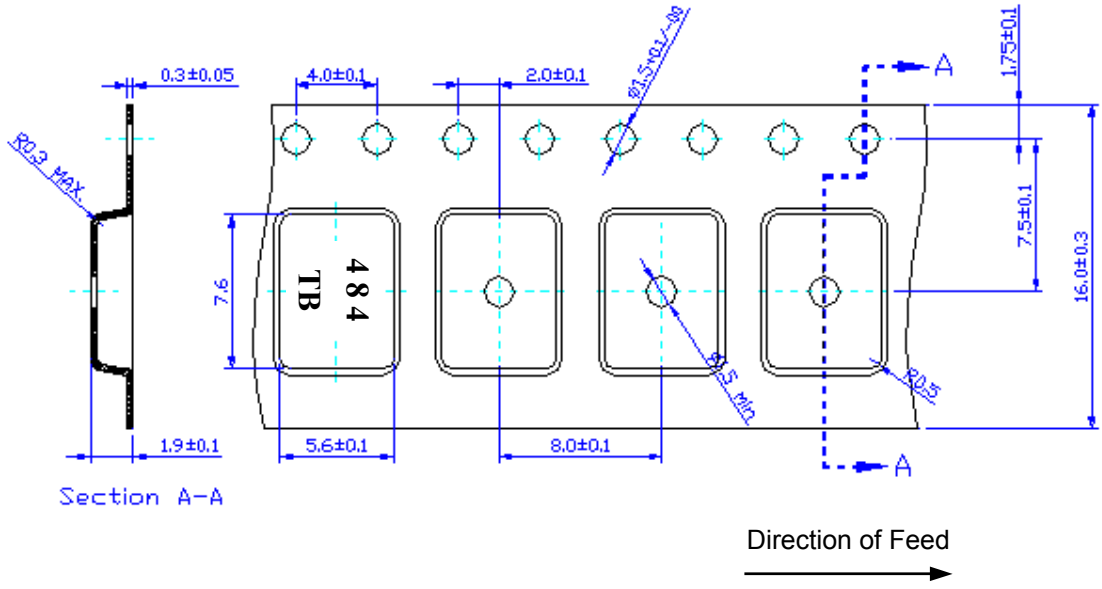
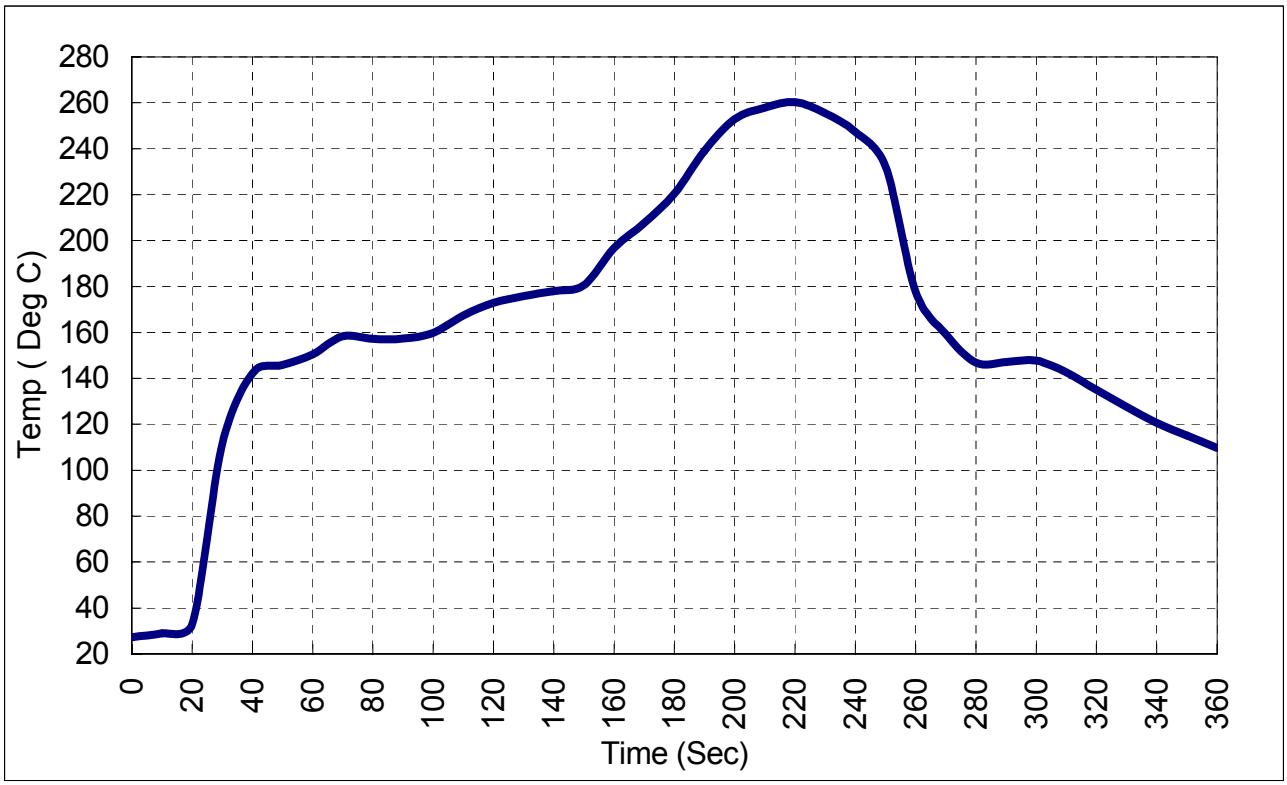


G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :