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: Oct, 5, 2006

Product Name: SAW Filter 246.5 MHz SMD 5.0x7.0 mm

TST Parts No.:TB0423A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Bob Chau_____

Approval by:_____Francis Chen_____

Date:_____10, 5, 2006_____

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SAW Filter 246.5MHz

MODEL NO.:TB0423A REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 5V
3. Operating Temperature: -20°C to 60°C
4. Storage Temperature: -40°C to 85°C

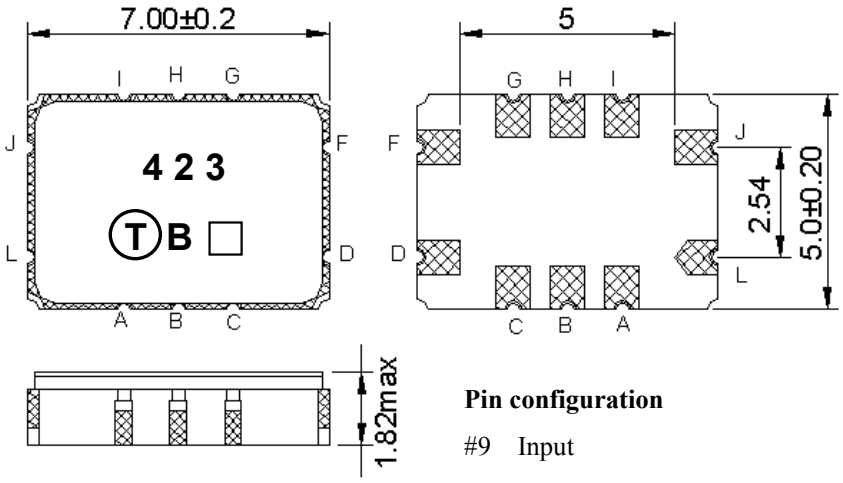
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center frequency, **Fc**	MHz	-	246.5	-	1
Minimum Insertion Loss, (**Fc**±50KHz) **IL**	dB	-	4.1	6.5	1
Passband Ripple (**Fc**±50KHz)	dB	-	0.35	2.0	1
Group delay ripple (**Fc**±50KHz), **GD**	μs	-	1.0	3.0	1
Attenuation:(Reference level from Min IL)					
Fc – 25 to **Fc** – 1.6 MHz	dB	50	65	-	-
Fc – 1.6 to **Fc** – 0.6 MHz	dB	32	60	-	-
Fc – 0.6 to **Fc** – 0.4 MHz	dB	20	55	-	-
Fc + 0.4 to **Fc** + 0.6 MHz	dB	20	55	-	-
Fc + 0.6 to **Fc** + 1.6 MHz	dB	32	60	-	-
Fc + 1.6 to **Fc** + 25 MHz	dB	50	60	-	-

Note1. The standard definitions is in JIS C 6703

C.OUTLINE DRAWING:



Pin configuration

#9 Input

#4 Output

#10 Balance input or input ground

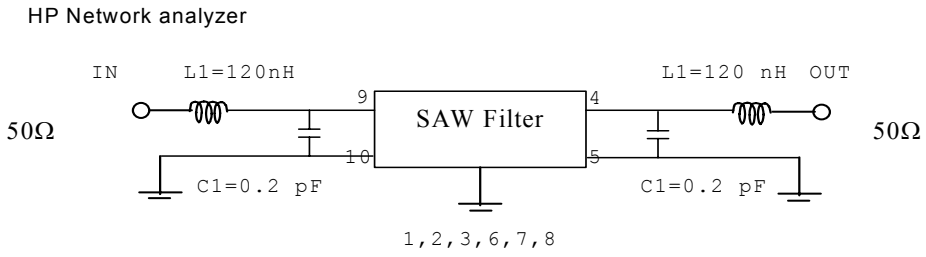
#5 Balance output or output ground

#1,2,3,6,7,8 To be grounded

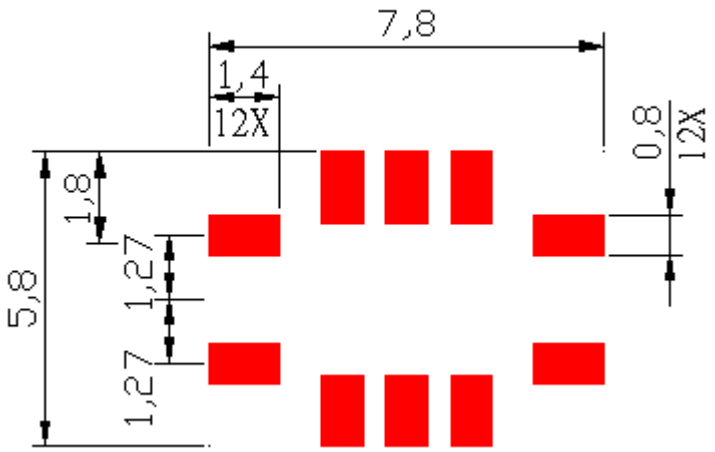
□ Date code

Unit mm

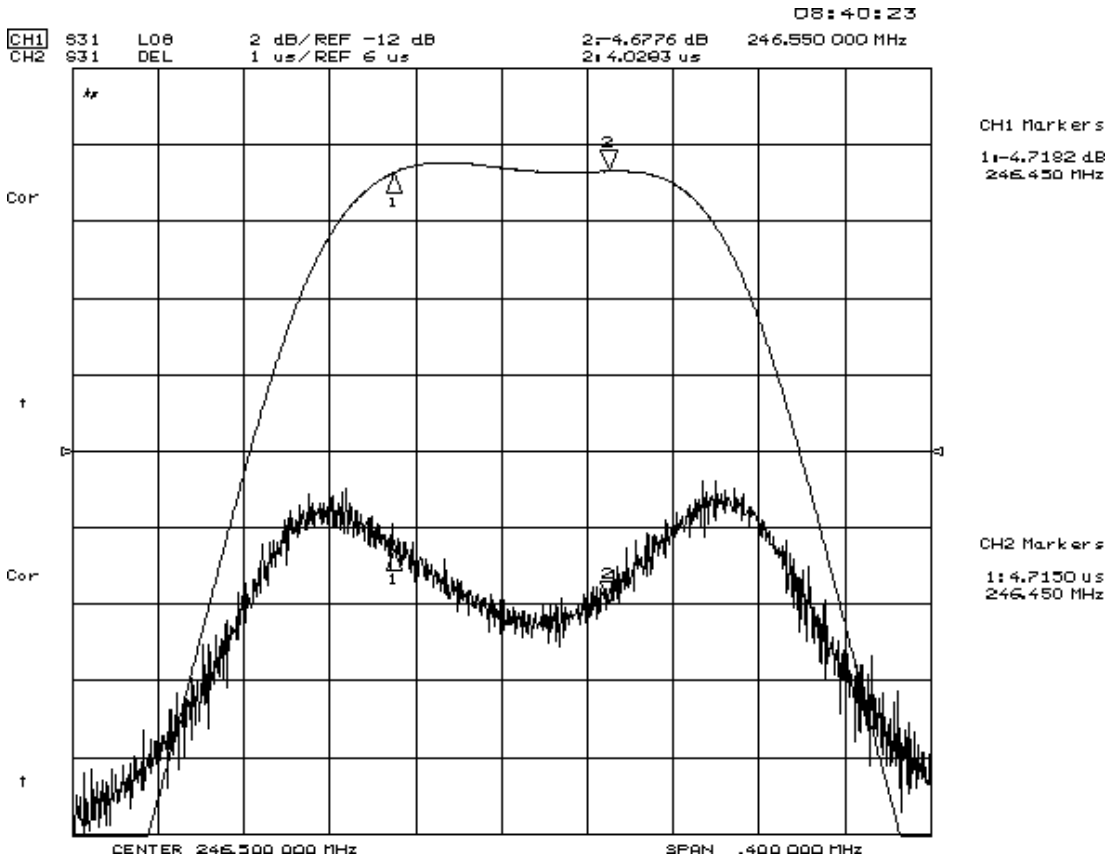
D. MEASUREMENT CIRCUIT:
50 Ohm Test circuit (single-ended / single-ended)

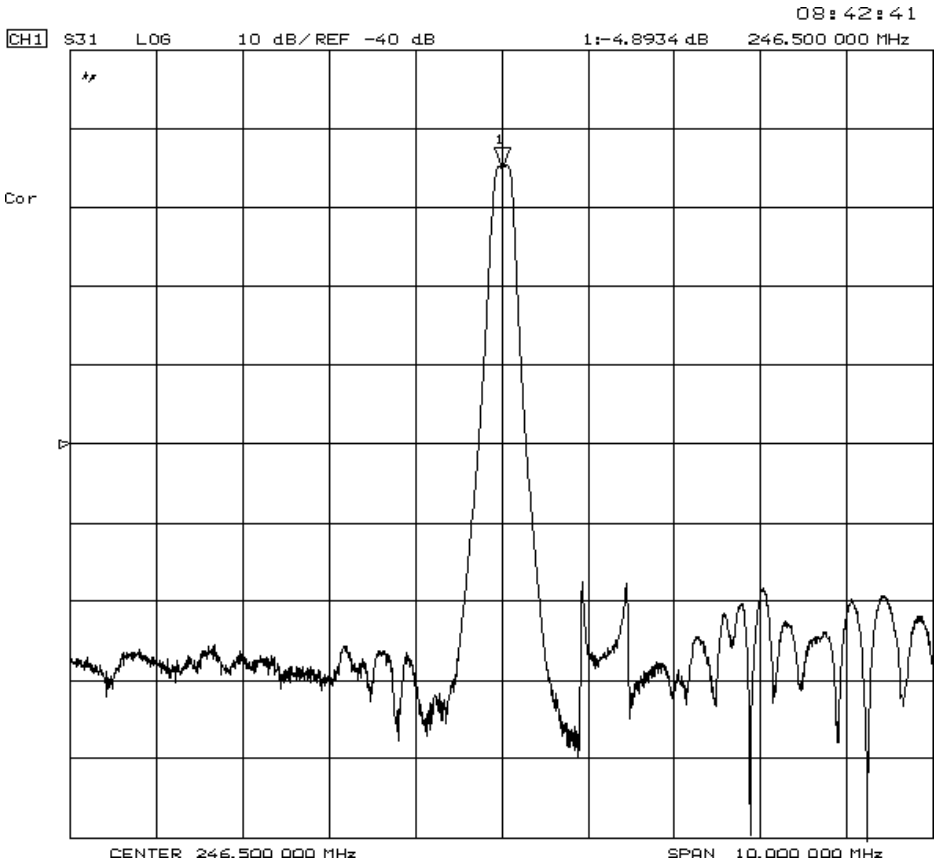


E. PCB Footprint:



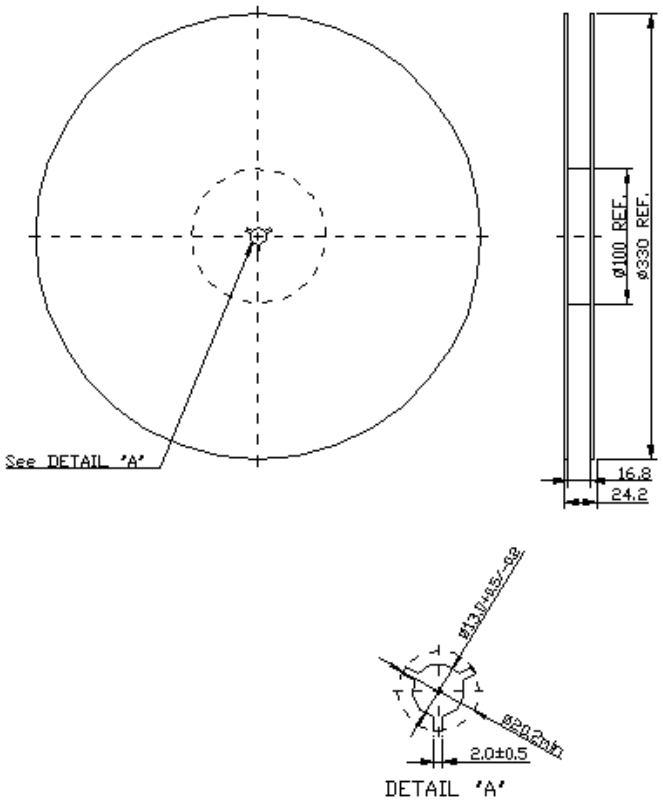
F. Frequency Characteristics :



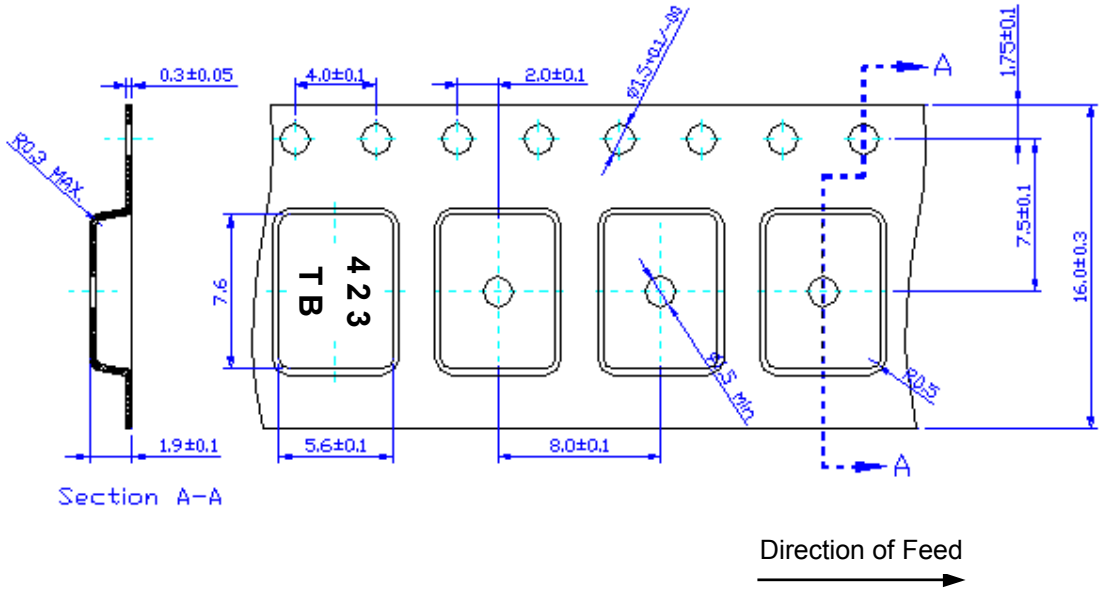


G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :