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

Product Specifications Approval Sheet

Product Description: SAW Filter 441 MHz SMD 5.0x5.0 mm

TST Part No.: TA1084A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: David Chang 張閔智

Approved by: Francis Chen

Date: 2009/08/24

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.

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SAW Filter 441 MHz

MODEL NO.: TA1084A REV. NO.:1

RoHS Compliant
Lead free
Lead-free soldering

A. MAXIMUM RATING:

1.Input Power Level: 10 dB_m
2.DC voltage: 3 V
3.Operating Temperature: -40°C to +85°C
4.Storage Temperature: -55°C to +85°C

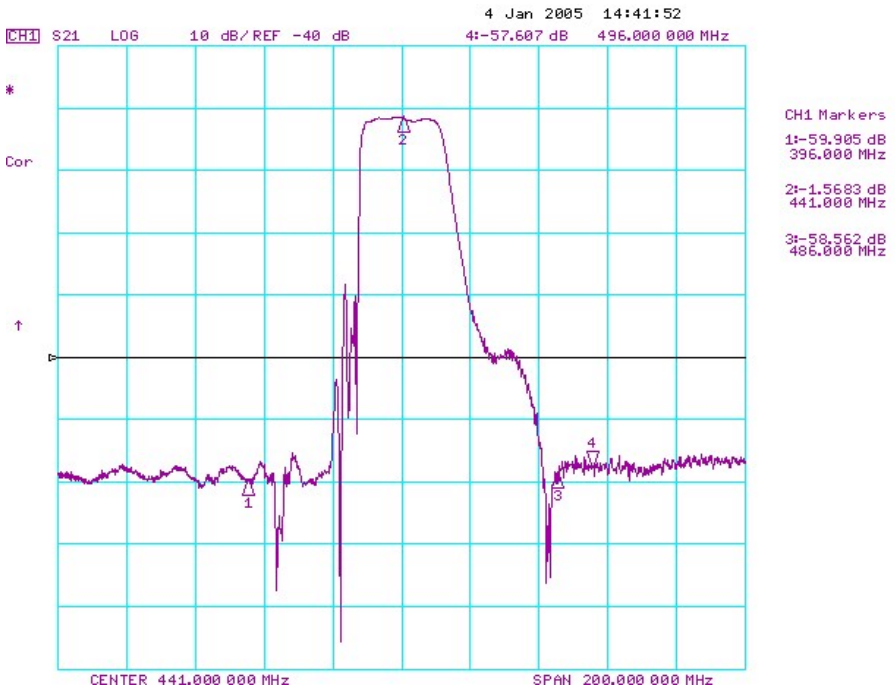
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: 25°C

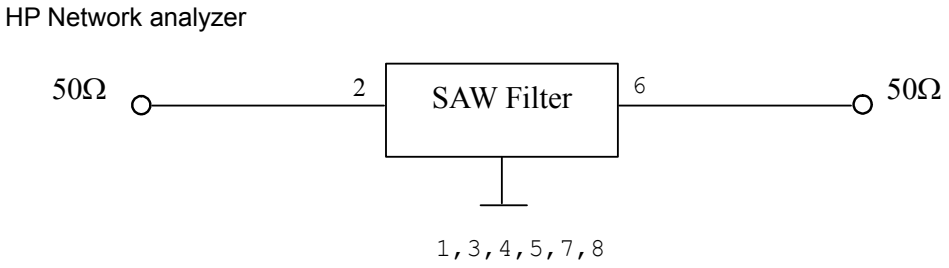
Item		Unit	Min.	Type.	Max.
Center frequency	Fc	MHz	-	441	-
Insertion Loss	IL_{min} (reference level)	dB	-	1.5	2.8
2dB Bandwidth	BW_{-2dB}	MHz	15	22.3	-
Insertion Loss (433.5~448.5 MHz)	IL	dB	-	2.4	3.5
Absolute Attenuation:(Reference level from 0dB)					
F_c -45 to F_c -100	MHz	dB	40	56	-
F_c +45 to F_c +55	MHz	dB	30	56	-
F_c +55 to F_c +100	MHz	dB	40	54	
Temperature coefficient of frequency		ppm/k	-	-36	-
Source impedance	Zs	Ω	-	50	-
Load impedance	Z_L	Ω	-	50	-

Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 2dB filter attenuation level relative to the IL_{min}.

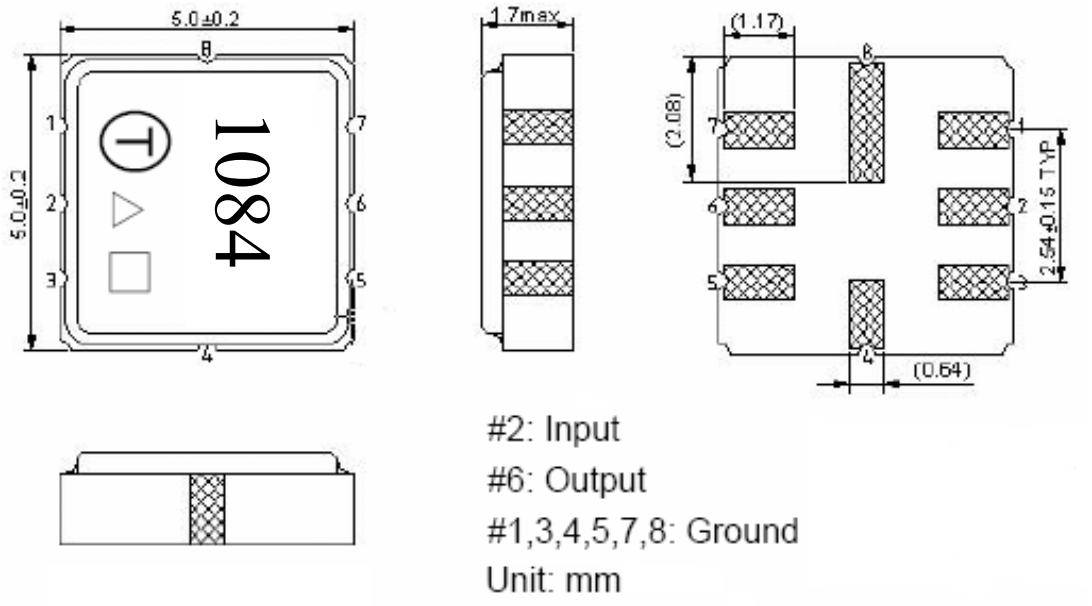
C. Frequency Characteristics :



D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



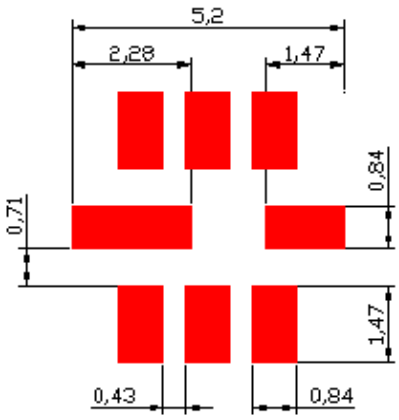
□ Data code：See the table

WK	01	02	…	26	27	28	…	52
Code	A	B	…	Z	a	b	…	z

Δ Year code：See the table

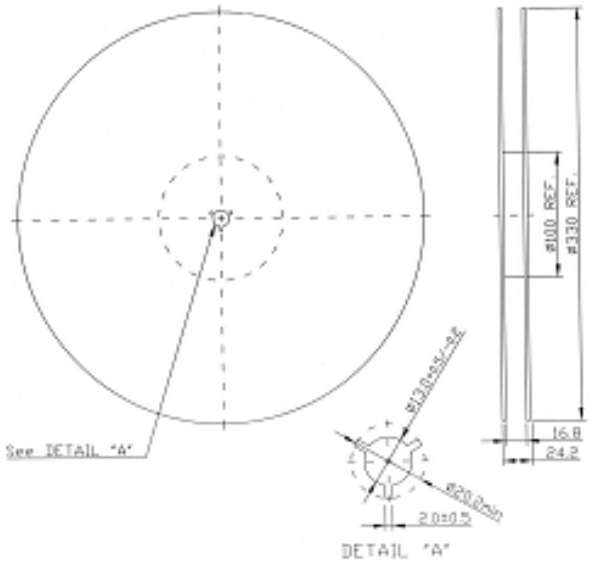
Year	2005	2006	2007	2008
	2009	2010	2011	2012
Code	A	a	A	a

F. PCB FOOTPRINT:

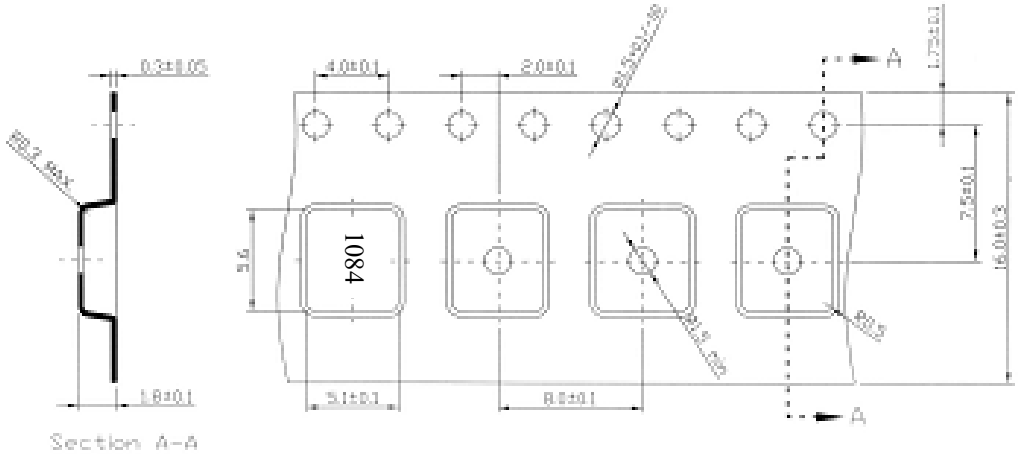


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed