



TAI-SAW TECHNOLOGY CO., LTD.

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

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 420MHz SMD 7.0x5.0mm

TST Parts No.:TA0409A

Customer Parts No.:_____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2004/12/14



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SAW Filter 420 MHz

MODEL NO.: TA0409A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -25°C to +75°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

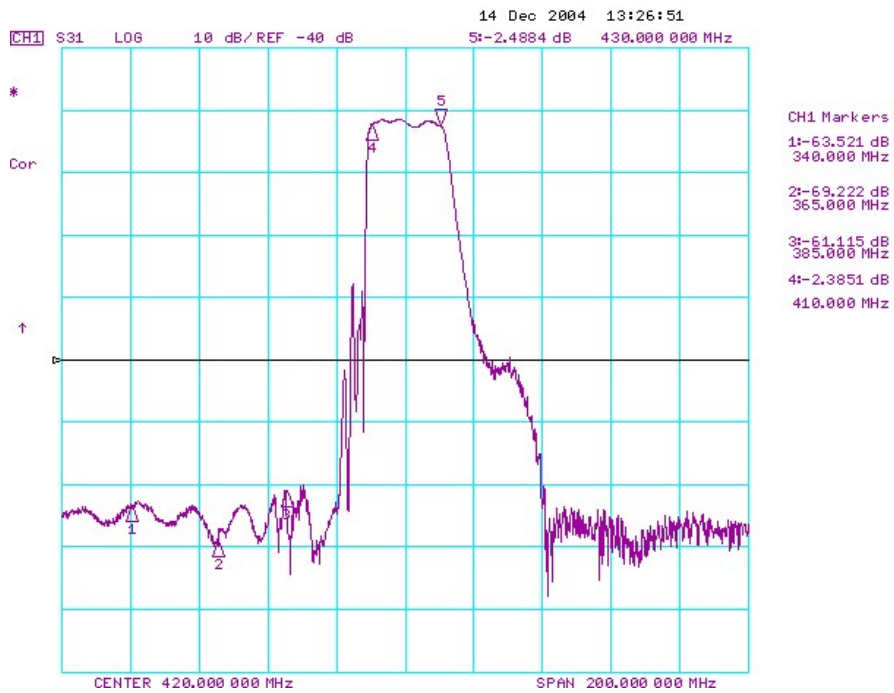
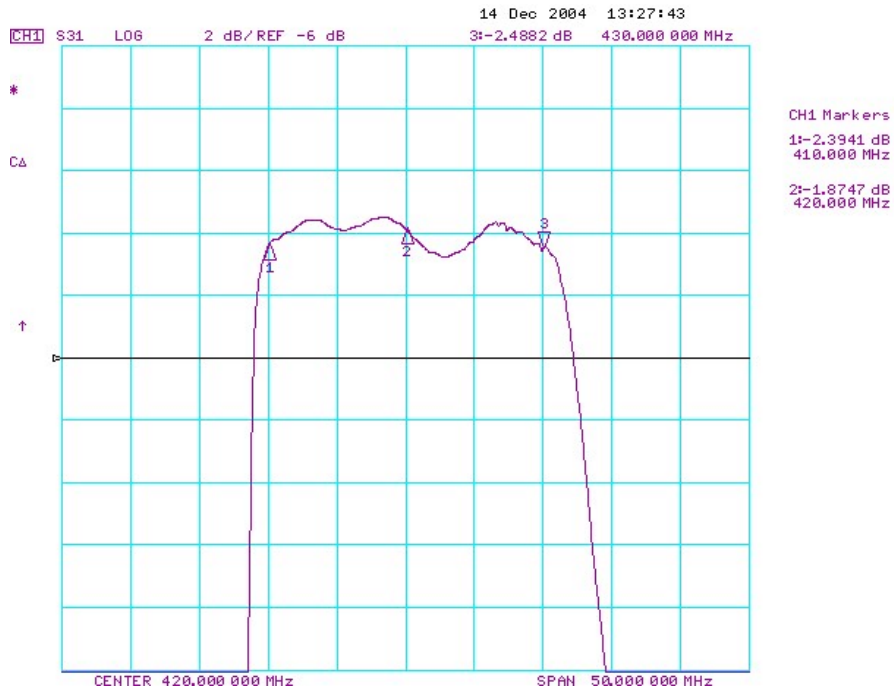
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: 25°C

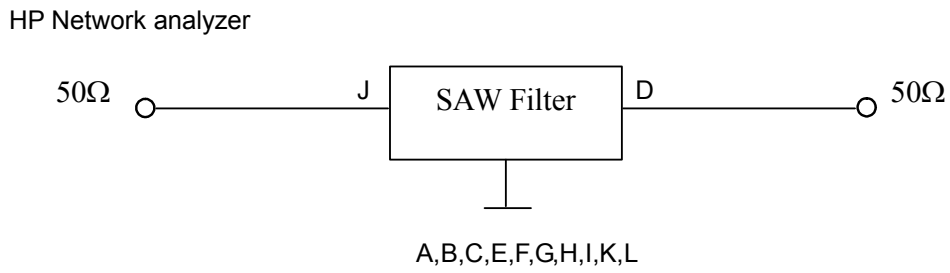
Item	Unit	Min.	Type.	Max.
Center frequency F _c	MHz	-	420	-
Minimum Insertion Loss IL _{min} (reference level)	dB	-	1.6	3.5
Ripple F _c ± 10MHz	dB		1.3	2.5
Relative Attenuation:(Reference level from IL _{min})				
320 to 340 MHz	dB	45	60	-
365 to 385 MHz	dB	40	58	-
Temperature coefficient of frequency	ppm/K	-	-37	-
Source impedance Z _s	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 2.5dB filter attenuation level relative to the IL_{min}.

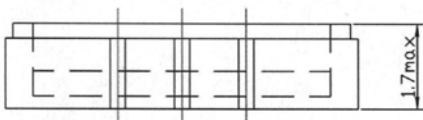
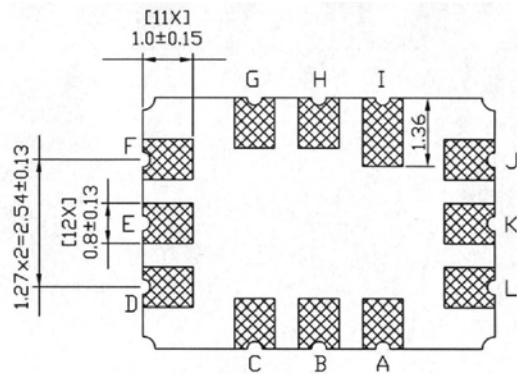
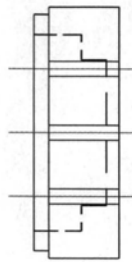
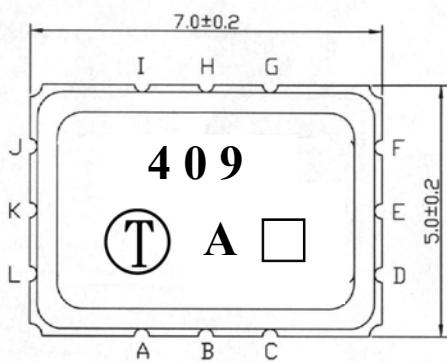
C. Frequency Characteristics :



D. MEASUREMENT CIRCUIT:

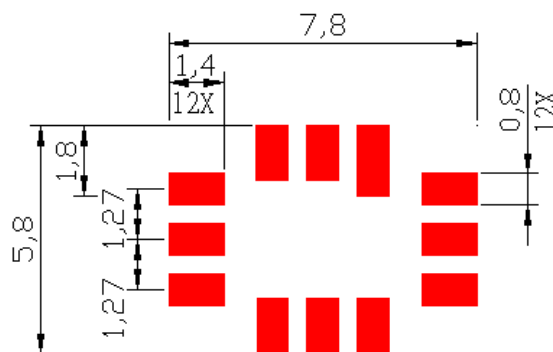


E. OUTLINE DRAWING:



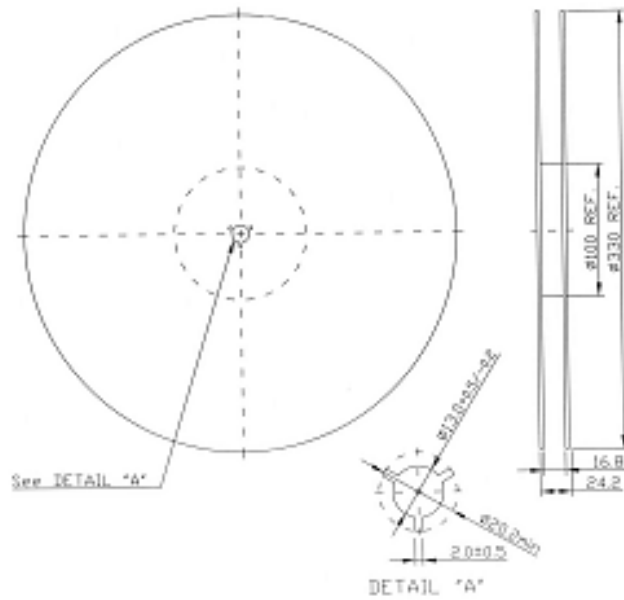
Pin J : Input
 Pin D : Output
 Pin A, B,C, E, F, G, H,I, K, L : Ground
 □ : date code
 Unit : mm

F.PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

