



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:

Product Name: SAW Filter 433.92MHz SMD 5.0x5.0mm

TST Parts No.:TA0278A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2003/05/21



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

SAW Filter 433.92 MHz

MODEL NO.: TA0278A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 0 dB_m
2. DC voltage: 0V
3. Operating Temperature: -15°C to +60°C
4. Storage Temperature: -40°C to +85°C

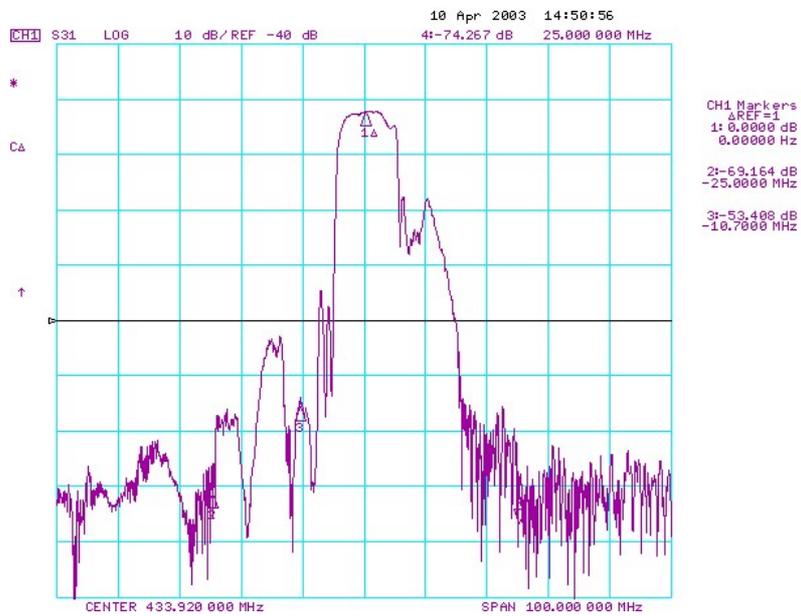
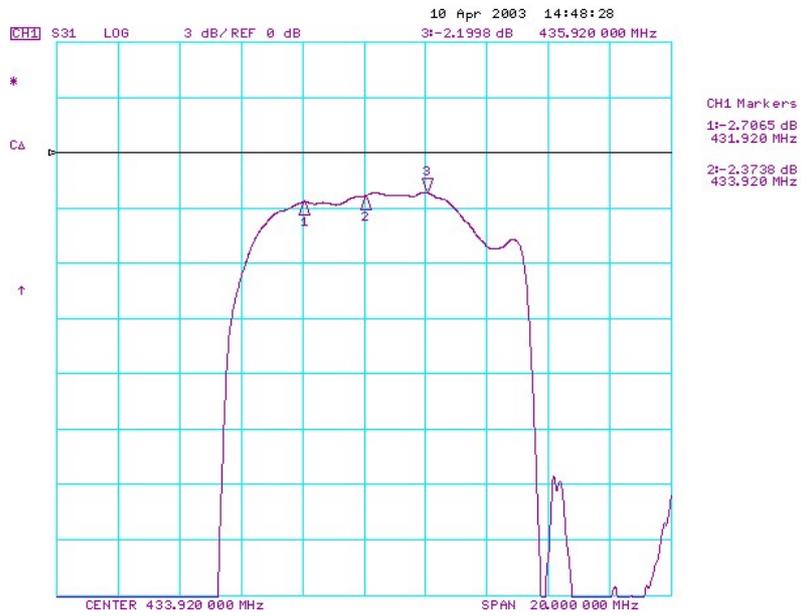
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

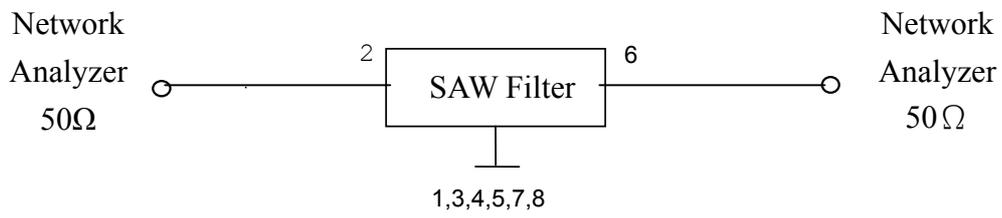
Item	Unit	Min.	Type.	Max.	
Center frequency F _c	MHz	-	433.92	-	
Insertion Loss IL _{min} (reference level)	dB	-	2.3	3.5	
3dB Bandwidth BW _{3dB}	MHz	4	7.8	-	
Attenuation:(Reference level from IL _{min})					
F _c -100 to F _c -200	MHz	dB	56	69	-
F _c -25 to F _c -100	MHz	dB	40	61	-
F _c -10.7	MHz	dB	42	51	-
F _c +25 to F _c +100	MHz	dB	40	61	-
F _c +100 to F _c +200	MHz	dB	40	52	-
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 3dB filter attenuation level relative to the IL_{min}.

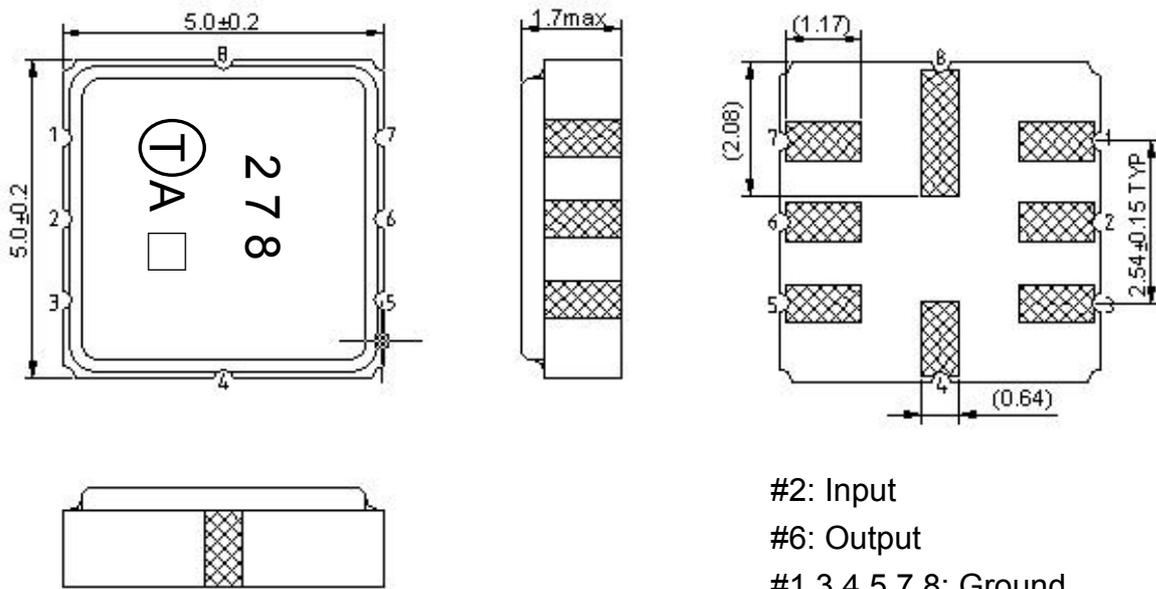
C. Frequency Characteristics :



D. MEASUREMENT CIRCUIT:



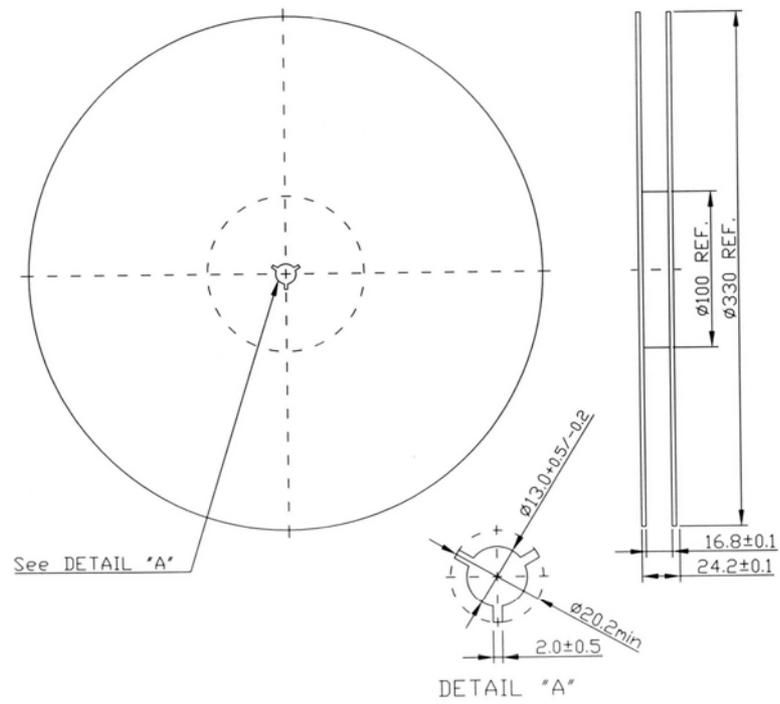
E. OUTLINE DRAWING:



- #2: Input
 - #6: Output
 - #1,3,4,5,7,8: Ground
 - : Date Code
- Unit: mm

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

