



# 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: Nov, 8, 2005

Product Name: SAW Filter 426.1 MHz SMD 5X5 mm

TST Parts No.:TA0192A

Customer Parts No.: \_\_\_\_\_

Company: \_\_\_\_\_

Division: \_\_\_\_\_

Approved by : \_\_\_\_\_

Date: \_\_\_\_\_

Checked by: \_\_\_\_\_ Bob Chau

Approval by: \_\_\_\_\_ Francis Chen

Date: \_\_\_\_\_ 11, 8, 2005



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## SAW Filter 426.1 MHz

MODEL NO.: TA0192A

REV. NO.:2

### A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 5 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -20°C to +75°C

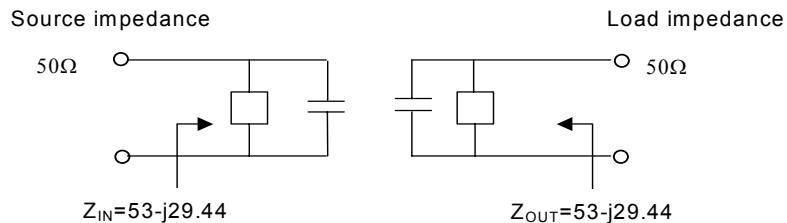
RoHS Compliant  
Lead free  
Lead-free soldering

### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
<b>Center frequency</b> $F_o$	MHz	-	426.1	-
<b>Insertion Loss</b> (within 426.012 ~ 426.150 MHz)	dB	-	2.5	3.5
<b>Ripple Deviation</b> (p-p) (within 426.012 ~ 426.150 MHz)	dB	-	0.1	1.5
<b>Absolute Attenuation</b> (Reference level from 0 dB)				
Within 382.012 ~ 384.150 MHz	dB	50	68	-
Within 468.012 ~ 470.150 MHz (Plus Image Frequency)	dB	50	68	-
<b>Source impedance</b> $Z_s$	$\Omega$	-	53-j29.44	-
<b>Load impedance</b> $Z_L$	$\Omega$	-	53-j29.44	-

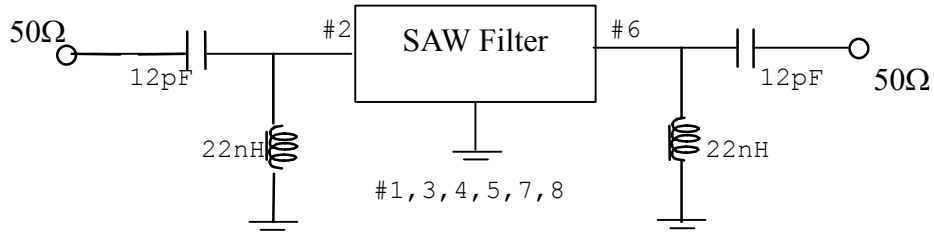
Note1. The standard definitions is in JIS C 6703

Note2.

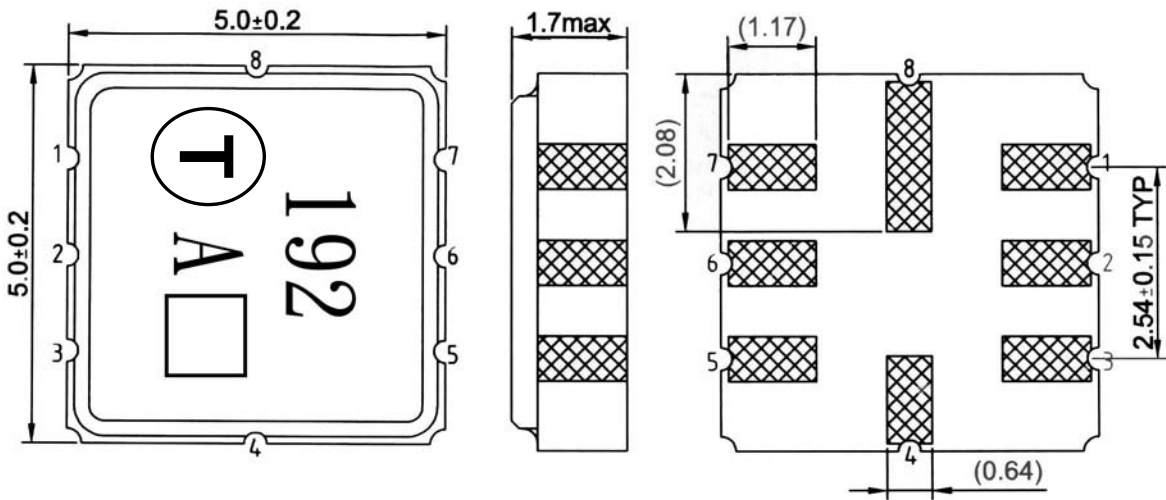


**C. MEASUREMENT CIRCUIT:**

HP Network analyzer

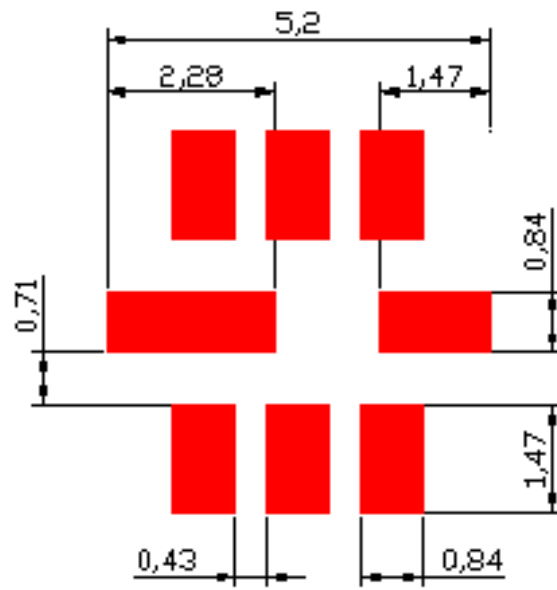


**D. OUTLINE DRAWING:**



- #2 : Input
- #6 : Output
- #1、3、5、7 : Ground
- #4、8 : Case Ground
- : Date code
- Unit : mm

E. PCB Footprint:



# F. Frequency Characteristics :

## Transfer function

