



# 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 1500MHz SMD 3.0×3.0mm

TST Parts No.:TA0522A

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

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

Checked by: \_\_\_\_\_ Elvis Chiu

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

Date: \_\_\_\_\_ 2005/10/31



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## SAW Filter 1500 MHz

MODEL NO.: TA0522A

REV. NO.:1

### A. MAXIMUM RATING:

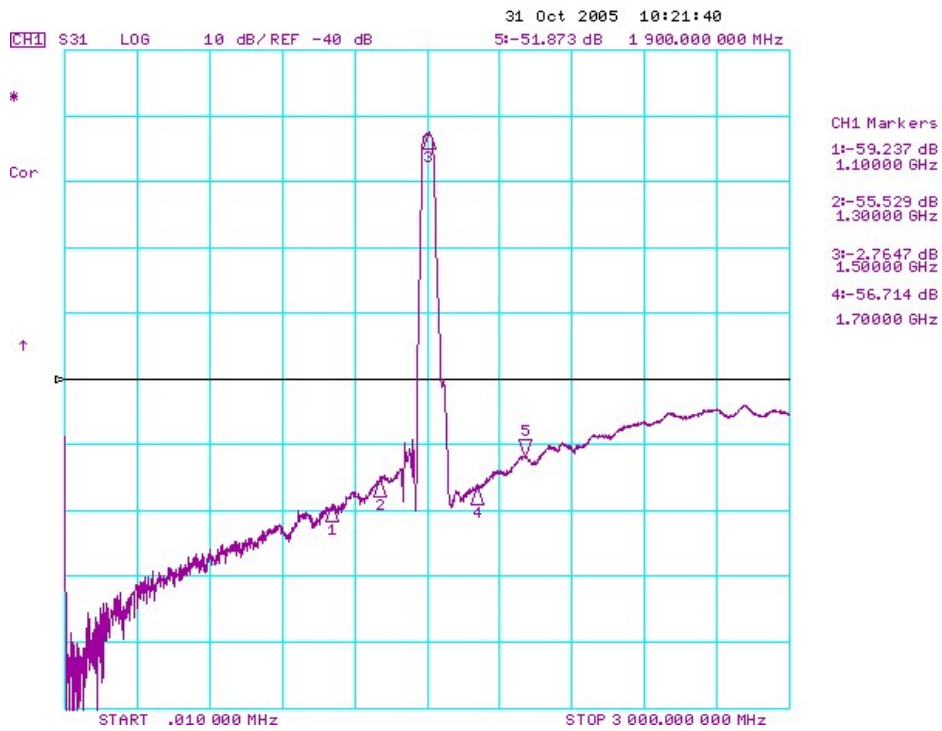
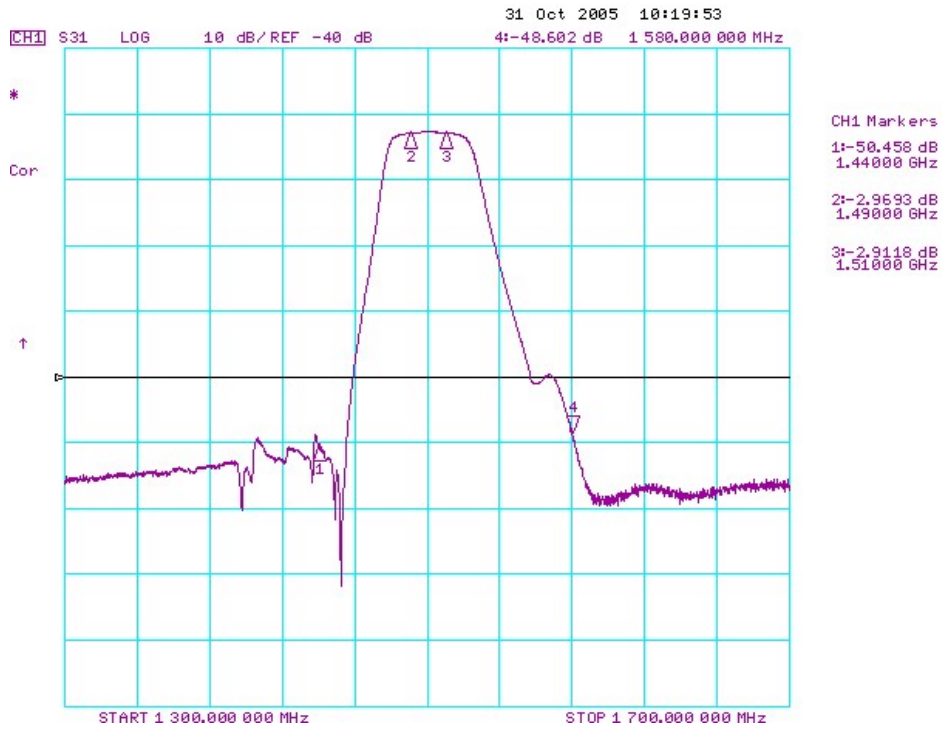
1. Input Power Level: 5 dB<sub>m</sub>
2. DC voltage: 3 V
3. Operating Temperature: -20°C to 70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

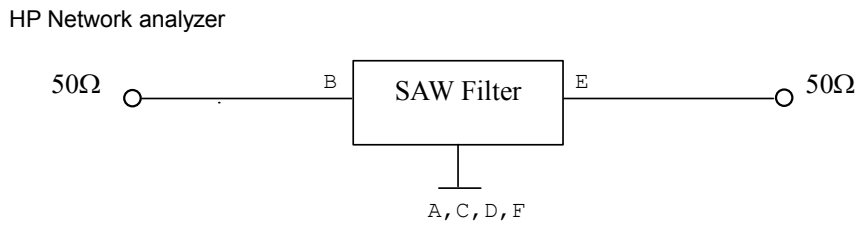
### B. CHARACTERISTICS:

Item		Min.	Typ.	Max.
Center frequency	Fc MHz	-	1500	-
Insertion loss	1490~1510 MHz IL	-	2.95	4.2
Amplitude ripple	1490~1510 MHz	-	0.3	2.0
Attenuation (Reference level from 0dB)				
1100 ~ 1300	MHz	40	55	-
1300 ~ 1440	MHz	30	48	-
1580 ~ 1700	MHz	30	48	-
1700 ~ 1900	MHz	35	51	-
Source impedance	Zs	Ω	50	-
Load impedance	ZL	Ω	50	-

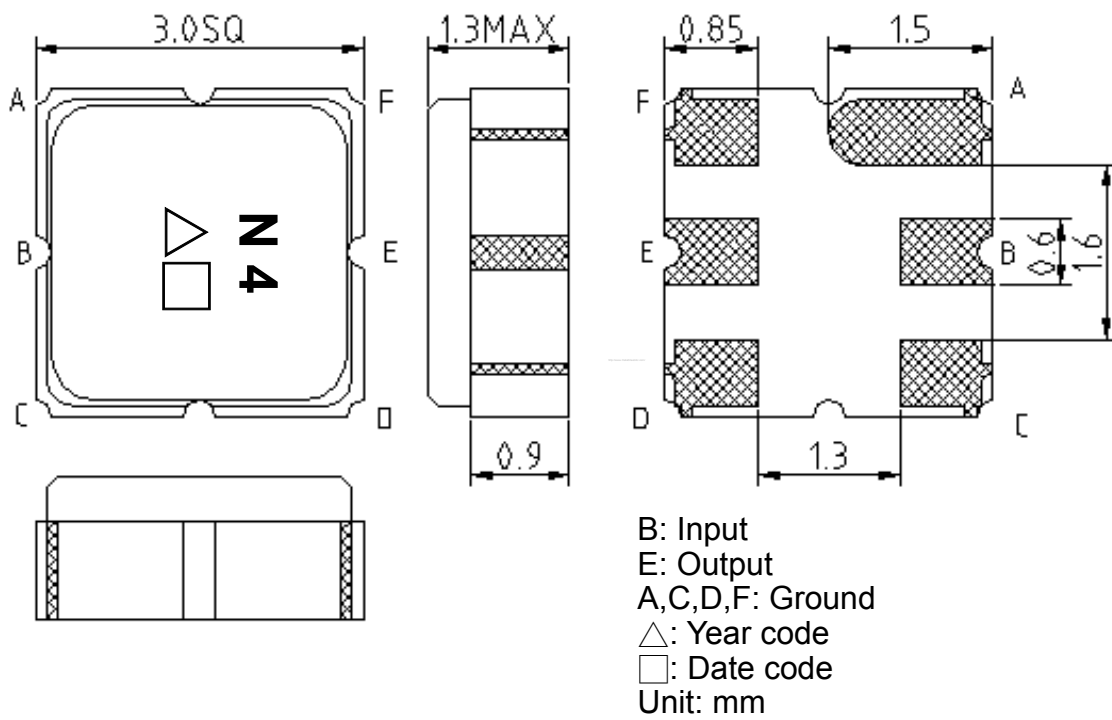
### C. TRANSFER FUNCTION :



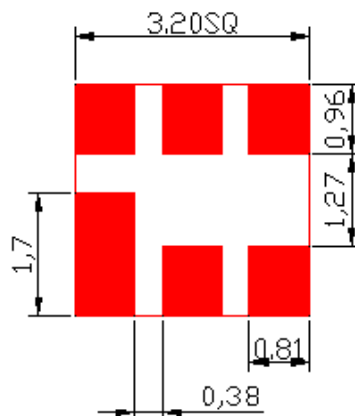
**D. MEASUREMENT CIRCUIT:**



**E. OUTLINE DRAWING:**

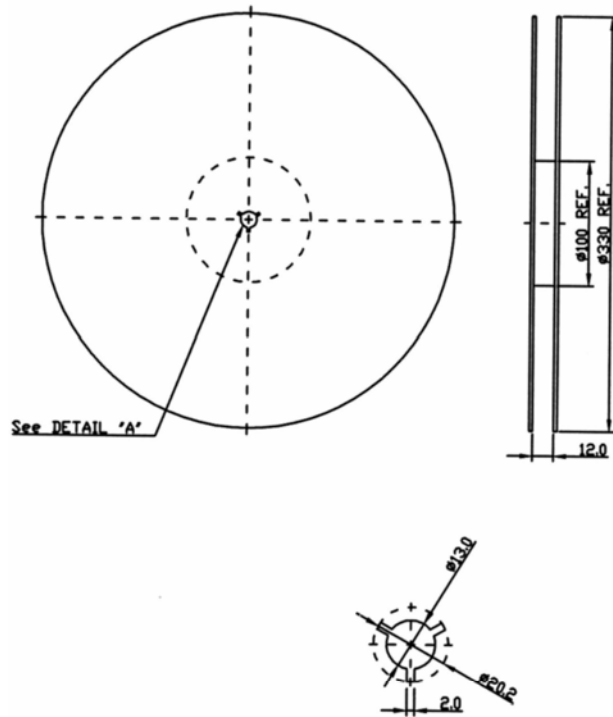


**F. PCB FOOTPRINT:**



## G. PACKING:

### 1. REEL DIMENSION



### 2. TAPE DIMENSION

