



# 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: IF SAW Filter 360MHz

TST Parts No.:TB0130A

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

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

Checked by: \_\_\_\_\_ Asin Lin

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

Date: \_\_\_\_\_ 2005/06/17



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## IF SAW Filter 360MHz

MODEL NO.: TB0130A

Rev. No.:4

### A. MAXIMUM RATING:

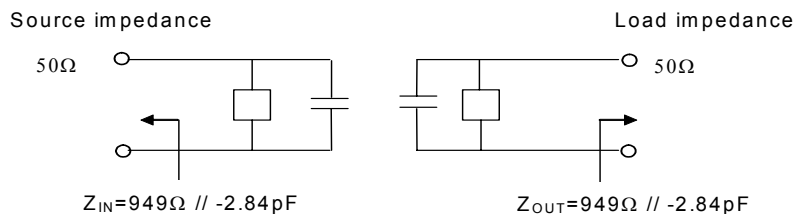
1. Input Power Level: 5 dBm
2. Operating Temperature: -20°C to 75°C
3. Storage Temperature: -35°C to 85°C

RoHS Compliant  
Lead free  
Lead-free soldering

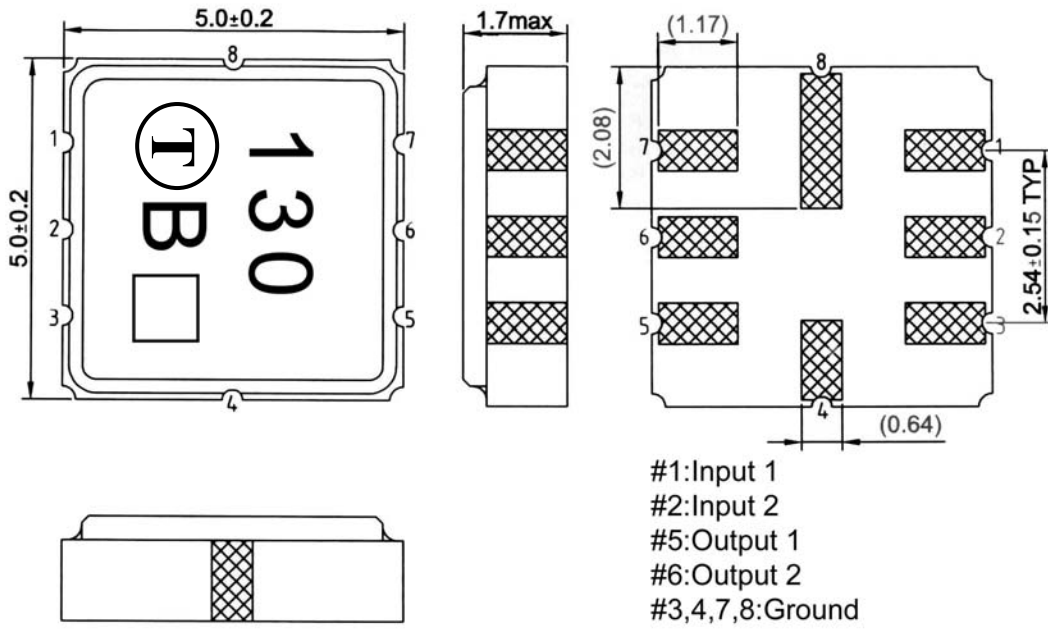
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center frequency, <b>Fc</b>	MHz	-	360	-	1
Insertion Loss, <b>IL</b>	dB	-	4.2	5.0	1
Passband Ripple in <b>Fc±67.7KHz</b> ,	dB	-	0.4	1.5	1
Group delay ripple in <b>Fc±67.76KHz</b> , <b>GD</b>	μs	-	0.5	2.0	1
Attenuation:(Reference level from Min IL)					
<b>Fc ± 0.4</b> to <b>Fc ± 0.6</b> MHz	dB	29	40	-	
<b>Fc ± 0.6</b> to <b>Fc ± 0.8</b> MHz	dB	42	70	-	
<b>Fc - 0.8</b> to <b>Fc - 3.0</b> MHz	dB	50	61	-	
<b>Fc - 3.0</b> to <b>Fc - 57</b> MHz	dB	52	62	-	
<b>Fc - 57</b> to <b>Fc - 77</b> MHz	dB	49	69	-	
<b>Fc - 77</b> to <b>Fc - 115</b> MHz	dB	52	69	-	
<b>Fc + 0.8</b> to <b>Fc + 1.6</b> MHz	dB	50	61	-	
<b>Fc + 1.6</b> to <b>Fc + 3.0</b> MHz	dB	45	65	-	
<b>Fc + 3.0</b> to <b>Fc + 115</b> MHz	dB	52	58	-	

Note1. The standard definitions is in JIS C 6703



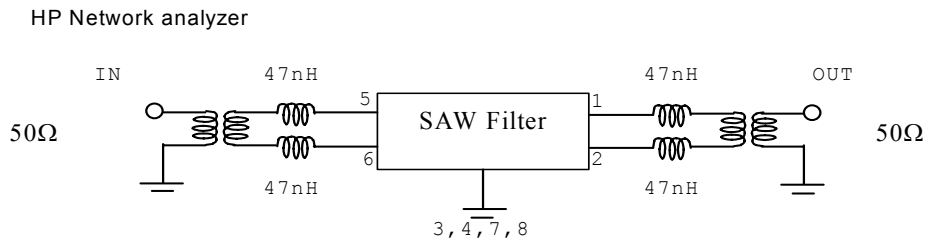
**C. OUTLINE DRAWING:**



**D. MEASUREMENT CIRCUIT:**

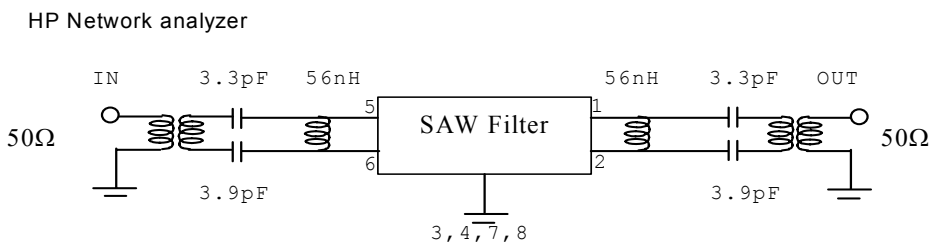
**50 Ohm Test circuit**

1



**50 Ohm Test circuit**

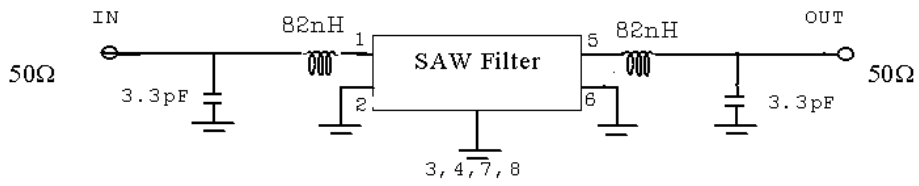
2



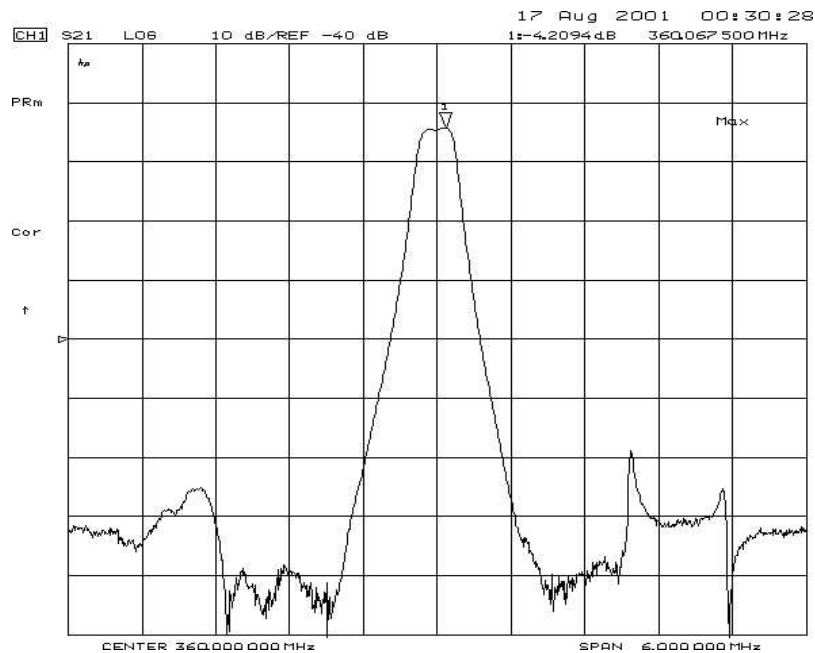
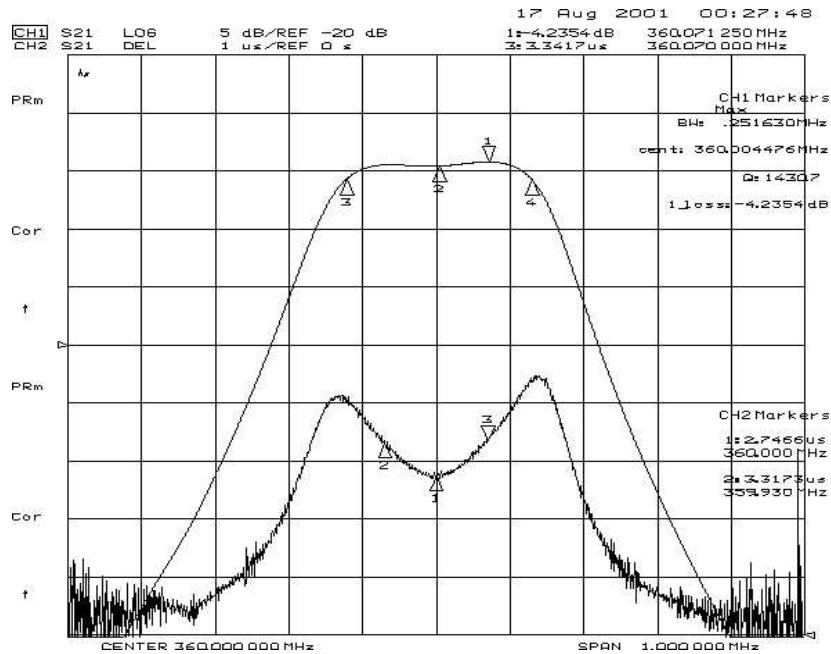
# 50 Ohm Test circuit

3

HP Network analyzer

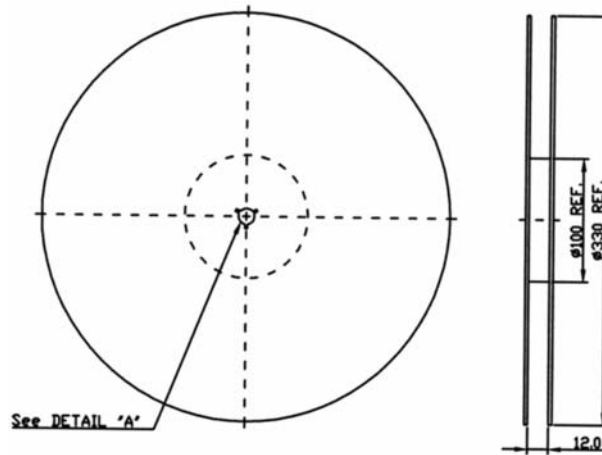


## E. Frequency Characteristics:

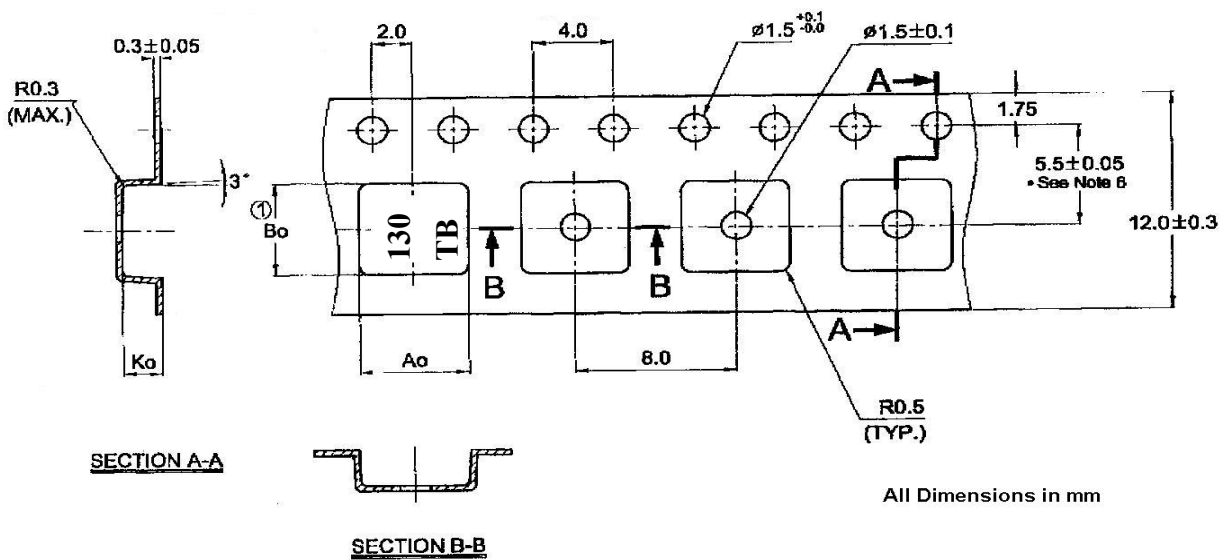


## F. PACKING:

### 1. REEL DIMENSION



### 2. TAPE DIMENSION



$$A_o = 5.30 \pm 1 \text{ mm}$$

$$B_o = 5.30 + 0.2 / - 0.0 \text{ mm}$$

$$K_o = 2.0 \pm 0.1 \text{ mm}$$