



## 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](mailto:tstsales@mail.taisaw.com) Web: [www.taisaw.com](http://www.taisaw.com)

### Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 147MHz

TST Parts No.: TA147E1

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

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

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

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

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

Checked by: \_\_\_\_\_ YJ Tien

Approval by: \_\_\_\_\_ Vincent Lee

Date: \_\_\_\_\_ 3.11.2003



# 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](mailto:tstsales@mail.taisaw.com)

Web: [www.taisaw.com](http://www.taisaw.com)

SAW Filter 147 MHz

MODEL NO.: TA147E1

REV. NO.: 3

## A. MAXIMUM RATING:

1. Input Power Level: 0 dB
2. DC voltage: 10 V.
3. Storage Temperature: -40°C to +85 °C.
4. Operating Temperature: -10 °C to +50 °C

RoHS Compliant

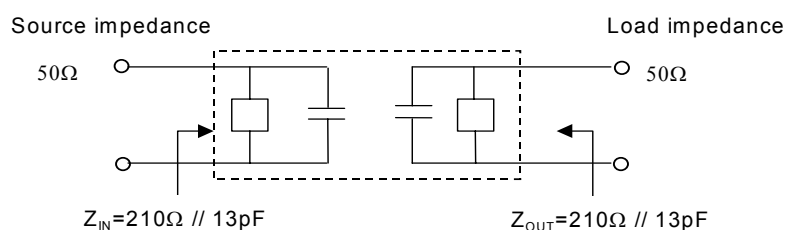
Lead-free soldering

## B. ELECTRICAL CHARACTERISTICS:

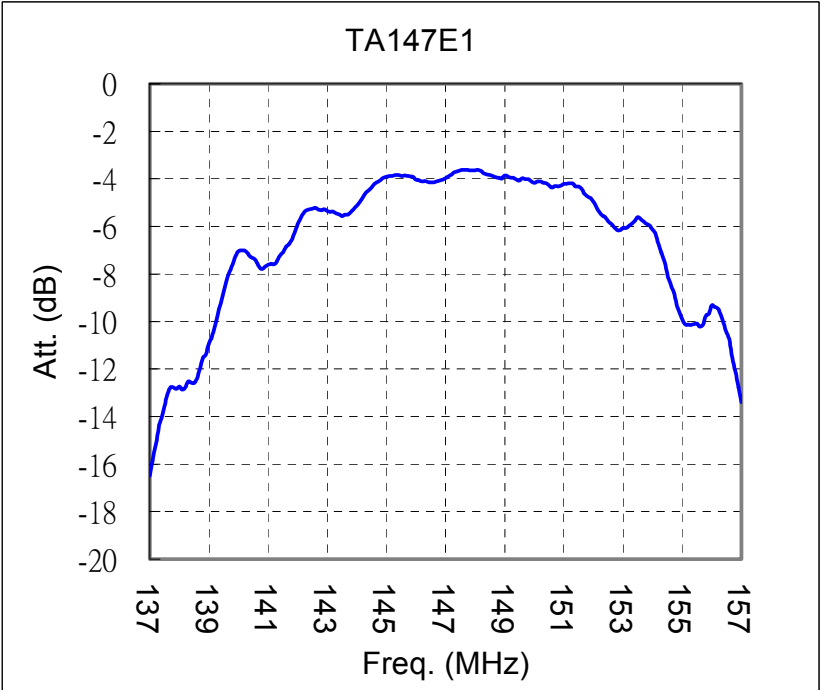
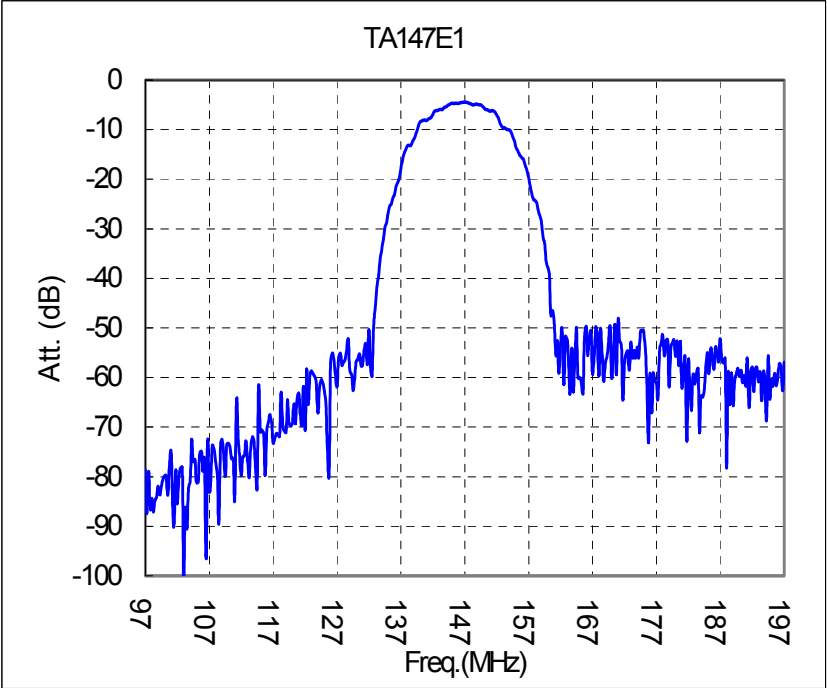
Characteristic	Units	Minimum	Typical	Maximum
Center frequency, <b>F<sub>0</sub></b>	MHz	-	147	-
Insertion Loss, <b>IL</b> ( <b>F<sub>C</sub> ± 4 MHz</b> )	dB	-	-	6.5
Attenuation ( <b>Reference level from 0 dB</b> )	dB			
<b>F<sub>C</sub> - 100MHz to -38.8MHz</b>	dB	50	-	-
<b>F<sub>C</sub> +38.8MHz to + 100MHz</b>	dB	42	-	-
Input/Output Impedance at <b>F<sub>C</sub></b>	$\Omega$    <b>pF</b>	<b>Z<sub>in</sub>: 210 // 13 ; Z<sub>out</sub> = 210 // 13</b>		

Note1. The standard definitions is in JIS C 6703

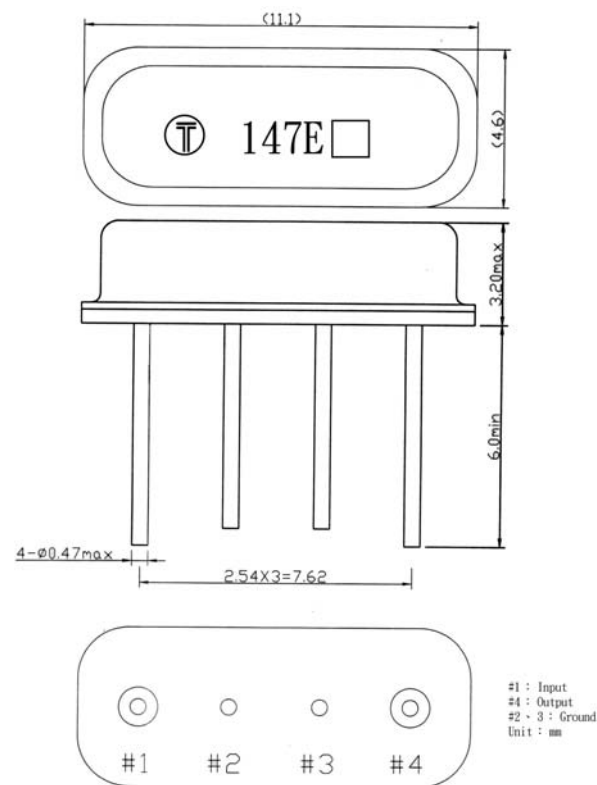
Note2.



C.FREQUENCY CHARACTERISTICS:



D. OUTLINE DRAWING:



E. TEST CIRCUIT

