



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

## Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 163MHz

TST Parts No.: TA163E1

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

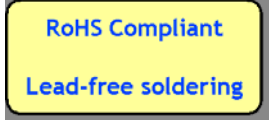
E-mail: [tstsales@mail.taisaw.com](mailto:tstsales@mail.taisaw.com) Web: [www.taisaw.com](http://www.taisaw.com)

SAW Filter 163 MHz  
MODEL NO.: TA163E1

REV. NO.:2

## 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

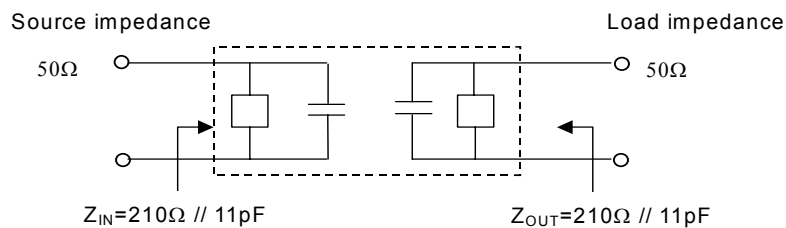


## B. ELECTRICAL CHARACTERISTICS:

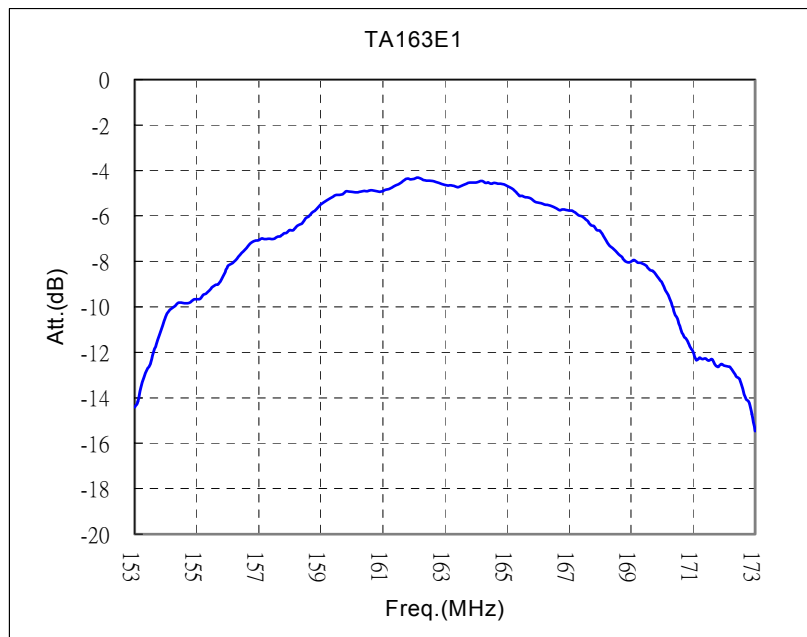
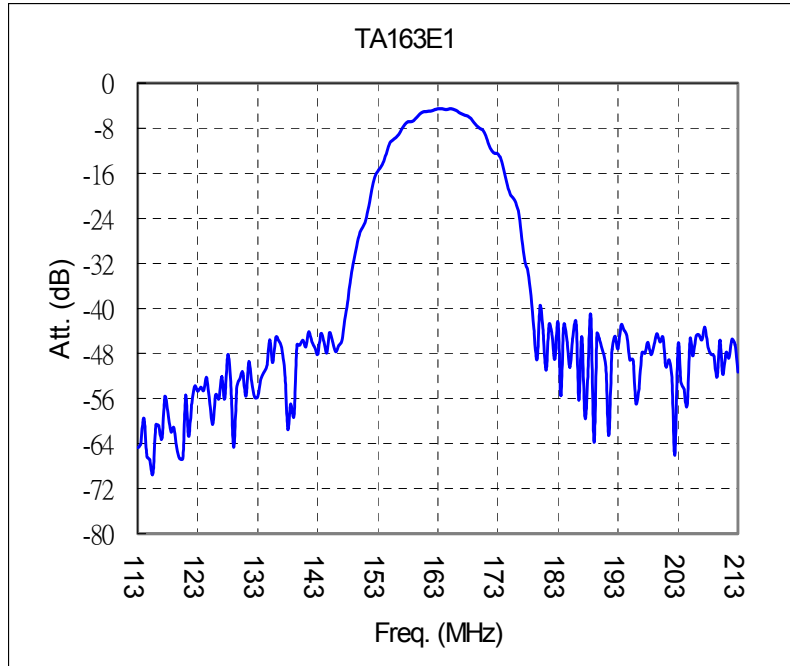
Characteristic	Units	Minimum	Typical	Maximum
Center frequency, $F_0$	MHz	-	163	-
Insertion Loss, $IL$ ( $F_C \pm 4$ MHz)	dB	-	-	6.5
Attenuation (Reference level from 0 dB)	dB			
$F_C - 100$ MHz to -38.8 MHz	dB	50	-	-
$F_C + 38.8$ MHz to +100 MHz	dB	42	-	-
Input/Output Impedance at $F_C$	$\Omega$    pF	$Z_{in}: 210 \parallel 11$ ; $Z_{out} = 210 \parallel 11$		

Note1. The standard definitions is in JIS C 6703

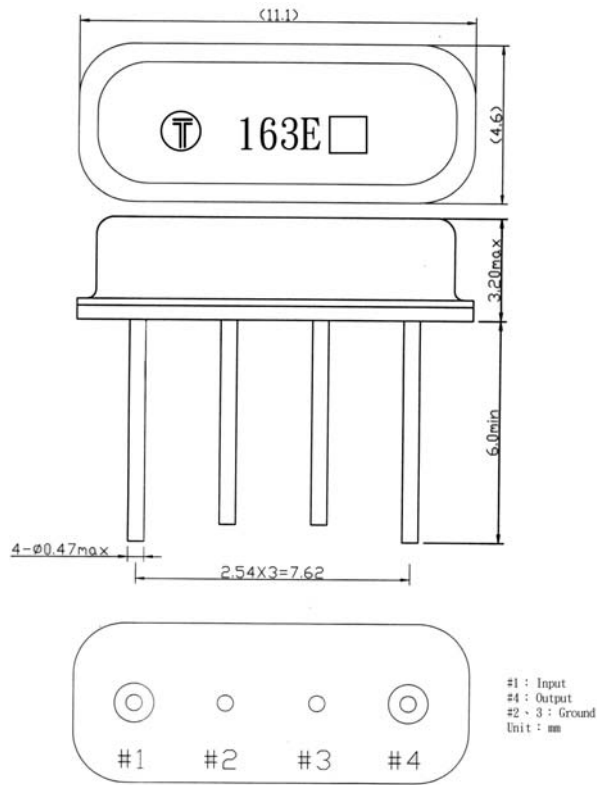
Note2.



C.FREQUENCY CHARACTERISTICS:



D. OUTLINE DRAWING:



E. TEST CIRCUIT

