



# 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 479.5MHz TO-39

TST Parts No.: TB480F3

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

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

Checked by: Jacky Huang

Approval by: Francis Chen

Date: 2004/6/23



# 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)

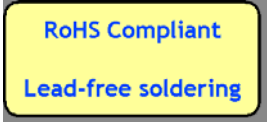
## SAW Filter 479.5MHz for Satellite Receiver

MODEL NO.: TB480F3

REV. NO.:2

### A. MAXIMUM RATING:

- 1.DC Voltage Vdc: 0V
- 2.AC Voltage Vac: 3V
- 3.Operating Temperature: -20°C to 70°C
- 4.Storage Temperature: -55°C to 85°C

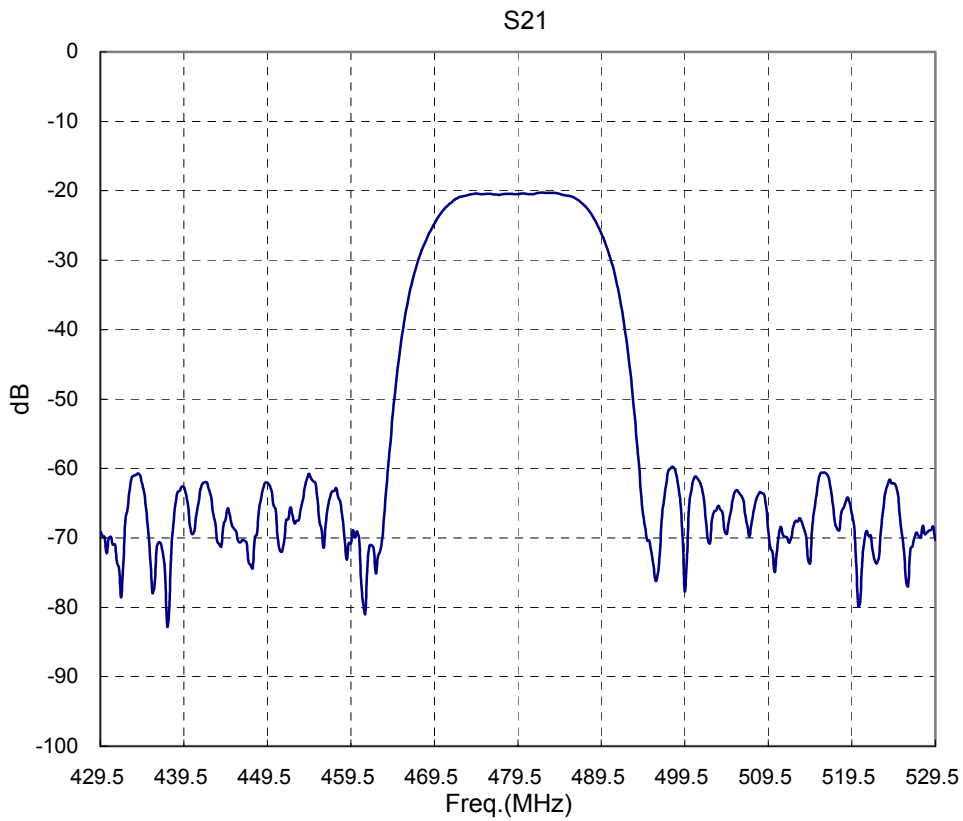


### B. ELECTRICAL CHARACTERISTICS:

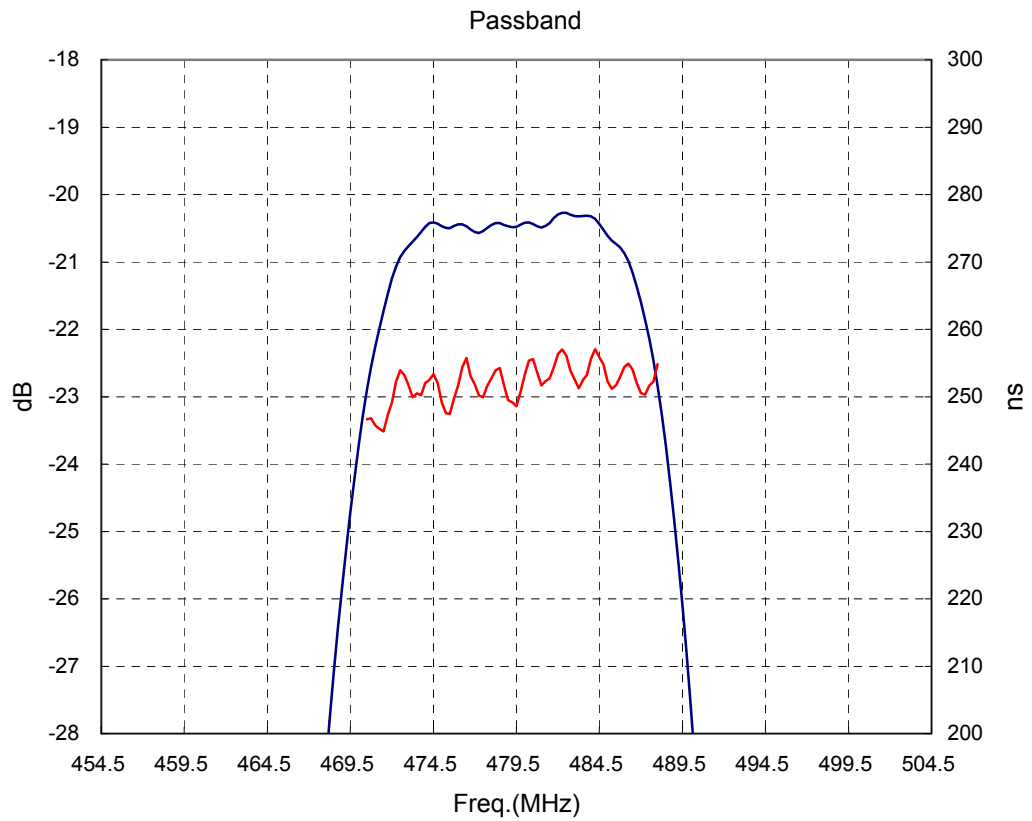
Item	Unit	Min.	Type.	Max.
Center frequency, <b>Fc</b>	MHz	-	479.5	-
Insertion Loss, <b>IL</b> at Fc	dB	-	21	23
Passband width, <b>BW3</b>	MHz	17	18	19
Amplitude Ripple in Fc±5MHz	dB	-	0.5	1.0
Group delay ripple in Fc±5MHz	nS	-	10	25
Attenuation:(Reference level from IL)				
Fc -9MHz	dB	-	2.5	4.5
Fc +9MHz	dB	-	3.0	4.5
Fc -16MHz	dB	30	46	-
Fc +16MHz	dB	30	48	-
Temperature coefficient of frequency	ppm/c	-	-18	-

### C. FREQUENCY CHARACTERISTICS:

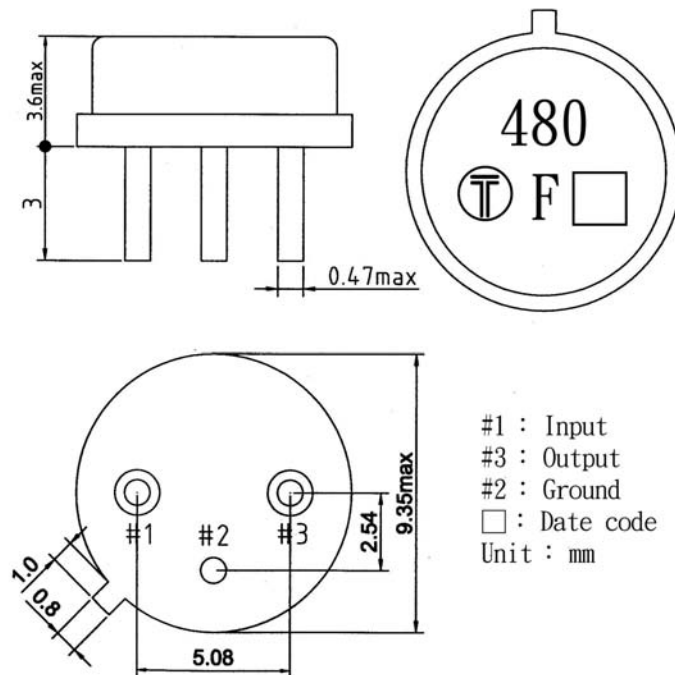
#### (1) Frequency Response:



#### (2) Amplitude ripple & Group Delay:



D. OUTLINE DRAWING:



E. MEASUREMENT CIRCUIT:

