



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 479.5MHz TO-39

TST Parts No.: TB480G3

Customer Parts No.: _____

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

Checked by: _____ Jacky Huang

Approval by: _____ Francis Chen

Date: _____ 2003/11/18



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Two-channel SAW Filter 479.5MHz for Satellite Receiver

MODEL NO.: TB480G3

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

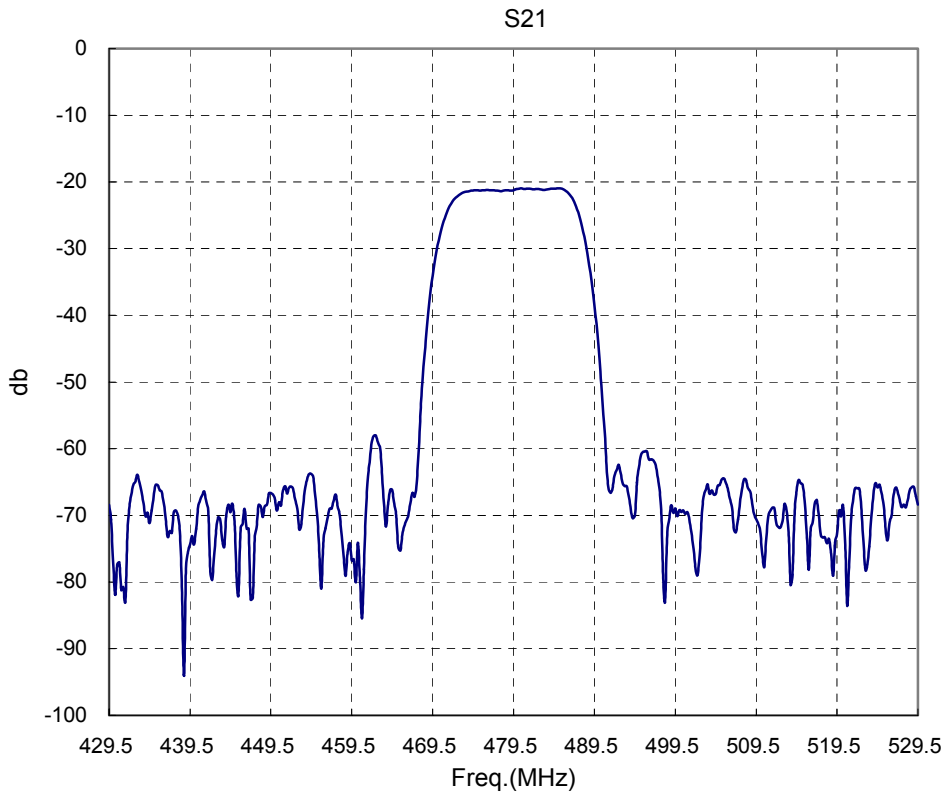


B. ELECTRICAL CHARACTERISTICS:

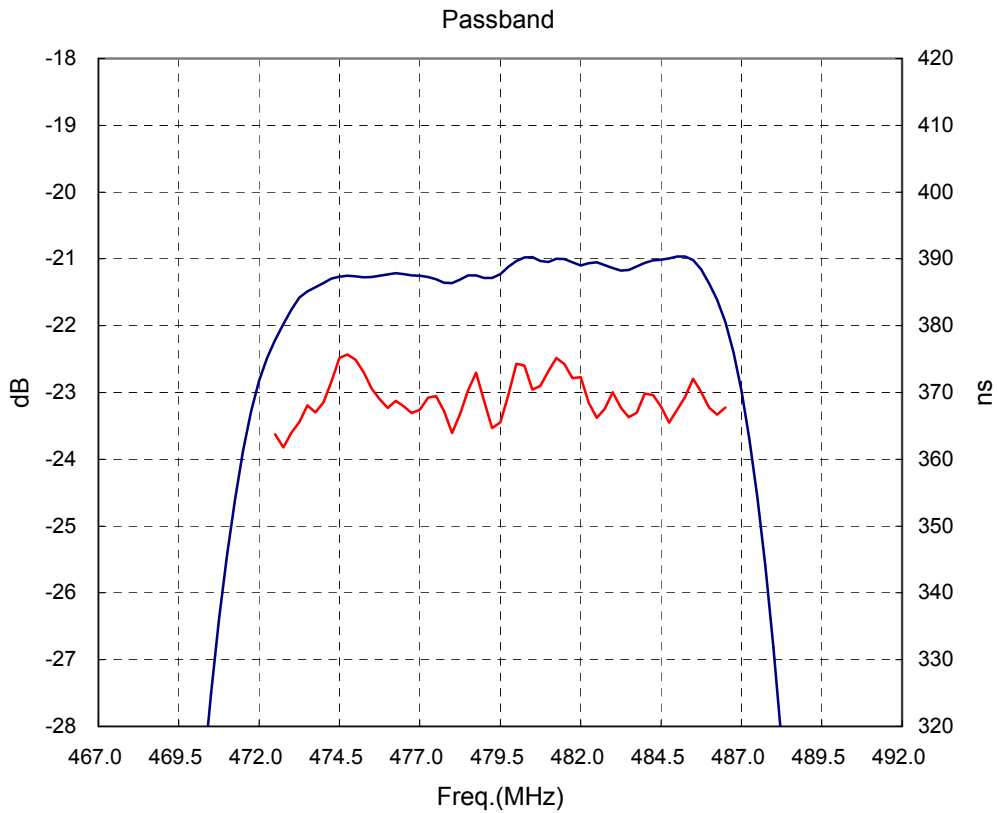
Item	Unit	Min.	Type.	Max.
Center frequency, Fc	MHz	-	479.5	-
Insertion Loss, IL at Fc	dB	-	22	24
Passband width, BW3	MHz	15	16	17
Amplitude Ripple in Fc±5MHz	dB	-	0.7	1.5
Group delay ripple in Fc±6MHz	nS	-	13	25
Attenuation:(Reference level from IL)				
Fc -8MHz	dB	-	2.3	5
Fc +8MHz	dB	-	3.2	5
Fc -10MHz	dB	10	12.5	-
Fc +10MHz	dB	10	17.5	-
Fc -12MHz	dB	30	52	-
Fc +12MHz	dB	30	45	-
Temperature coefficient of frequency	ppm/c	-	-18	-

C. FREQUENCY CHARACTERISTICS:

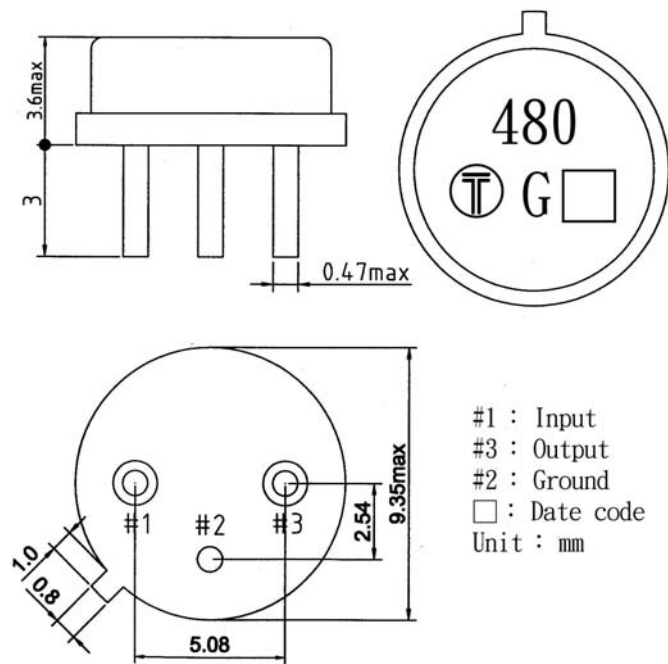
(1) Frequency Response:



(2) Amplitude ripple & Group Delay:



D. OUTLINE DRAWING:



E. MEASUREMENT CIRCUIT:

