



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 Web: 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 Web: 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

RoHS Compliant

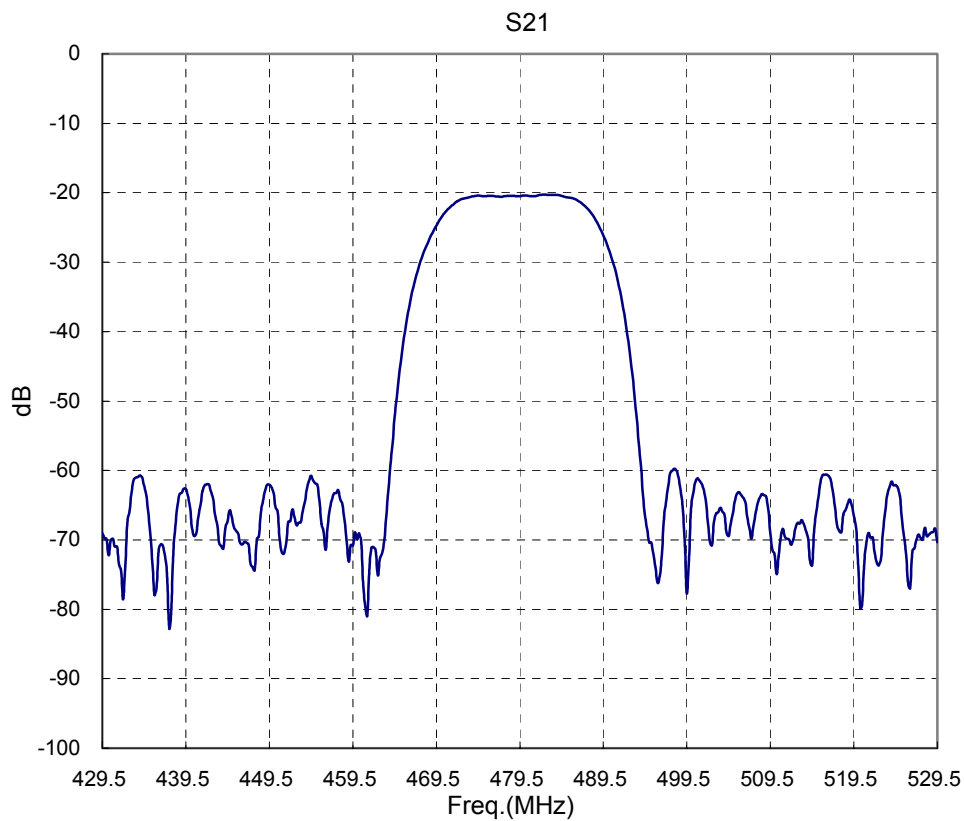
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

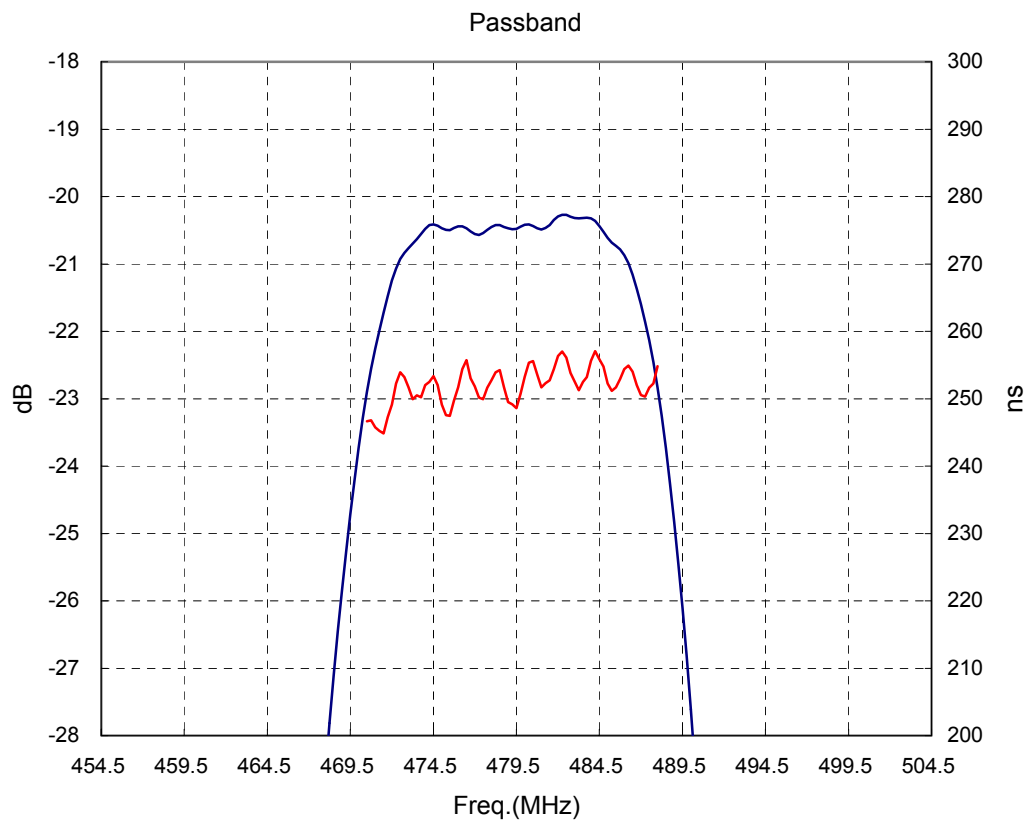
Item	Unit	Min.	Type.	Max.
Center frequency, F_c	MHz	-	479.5	-
Insertion Loss, IL at F _c	dB	-	21	23
Passband width, BW₃	MHz	17	18	19
Amplitude Ripple in F _c ±5MHz	dB	-	0.5	1.0
Group delay ripple in F _c ±5MHz	nS	-	10	25
Attenuation:(Reference level from IL)				
F _c -9MHz	dB	-	2.5	4.5
F _c +9MHz	dB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

C.FREQUENCY CHRACTERISTICS:

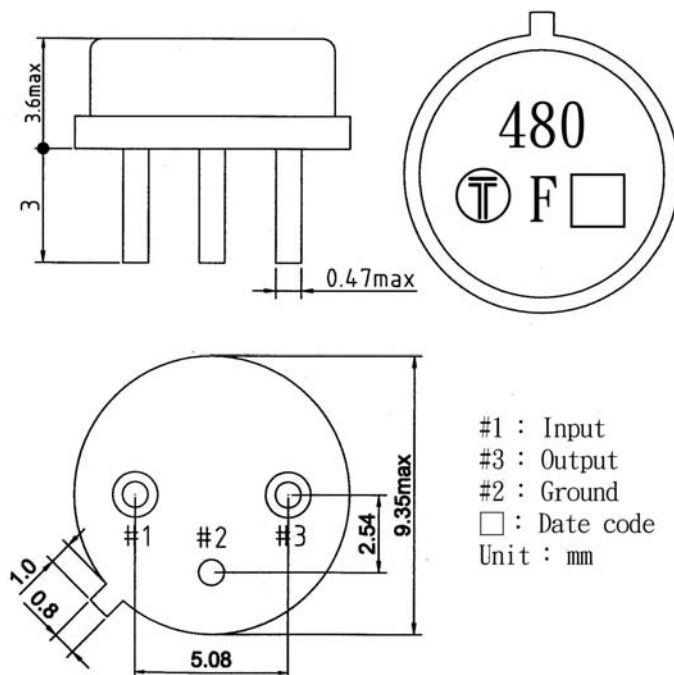
(1) Frequency Response:



(2) Amplitude ripple & Group Delay:



D. OUTLINE DRAWING:



E.MEASUREMENT CIRCUIT:

