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 480MHz TO-39

TST Parts No.: TB480E3

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 480MHz for Satellite Receiver

MODEL NO.: TB480E3 REV. NO.:3

RoHS Compliant

Lead-free soldering

A. MAXIMUM RATING:

1.DC Voltage Vdc: 0V

2.AC Voltage Vac: 3V

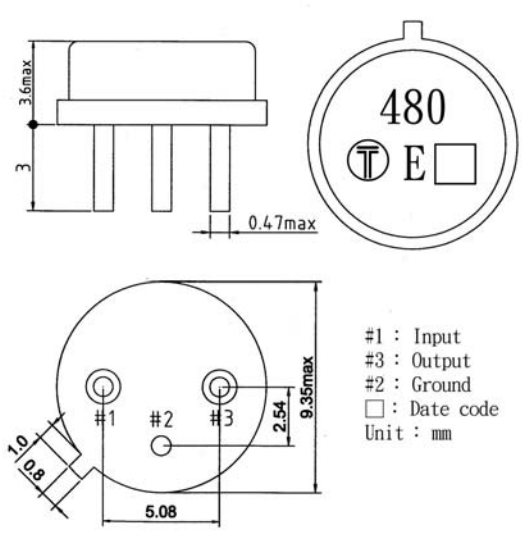
3.Operating Temperature: -20°C to 70°C

4.Storage Temperature: -55°C to 85°C

B. ELECTRICAL CHARACTERISTICS:

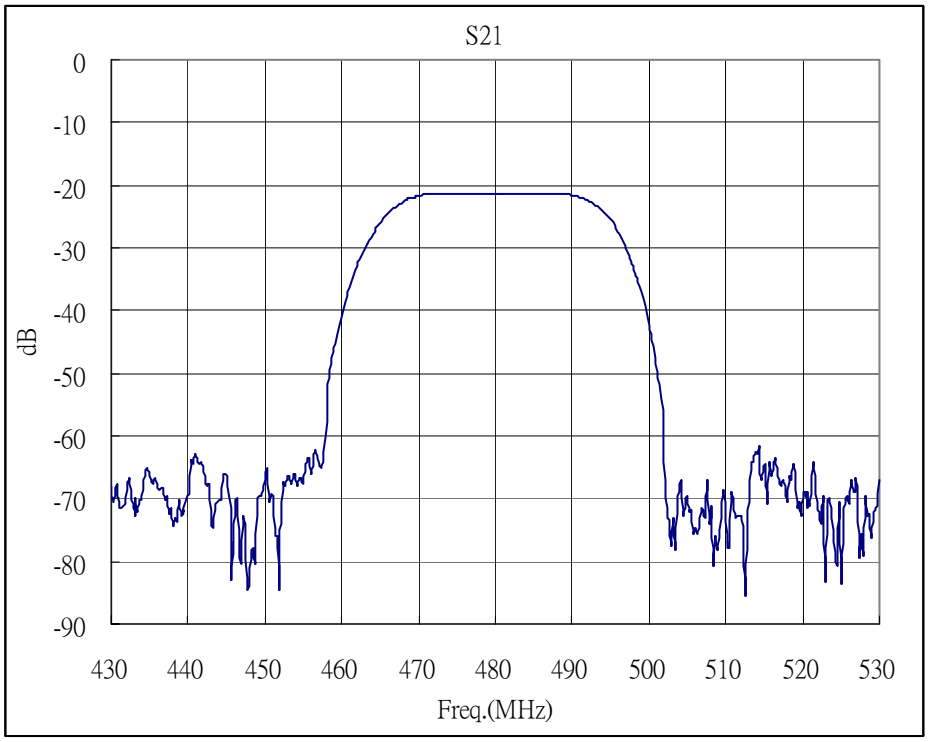
Item	Unit	Min.	Type.	Max.
Center frequency, **Fc**	MHz	-	480	-
Insertion Loss, **IL** at Fc	dB	-	21.3	23
Passband width, **BW3**	MHz	26.9	27.9	28.9
Amplitude Ripple in Fc±6.5MHz	dB	-	0.2	0.5
Group delay ripple in Fc±13MHz	nS	-	8.5	15
Attenuation:(Reference level from IL)				
Fc –13.5MHz	dB	-	2.9	5
Fc +13.5MHz	dB	-	2.9	5
Fc -50 to –28MHz	dB	35	42	-
Fc +27 to +50MHz	dB	33	39	-
Temperature coefficient of frequency	ppm/c	-	-86	-

C.OUTLINE DRAWING:

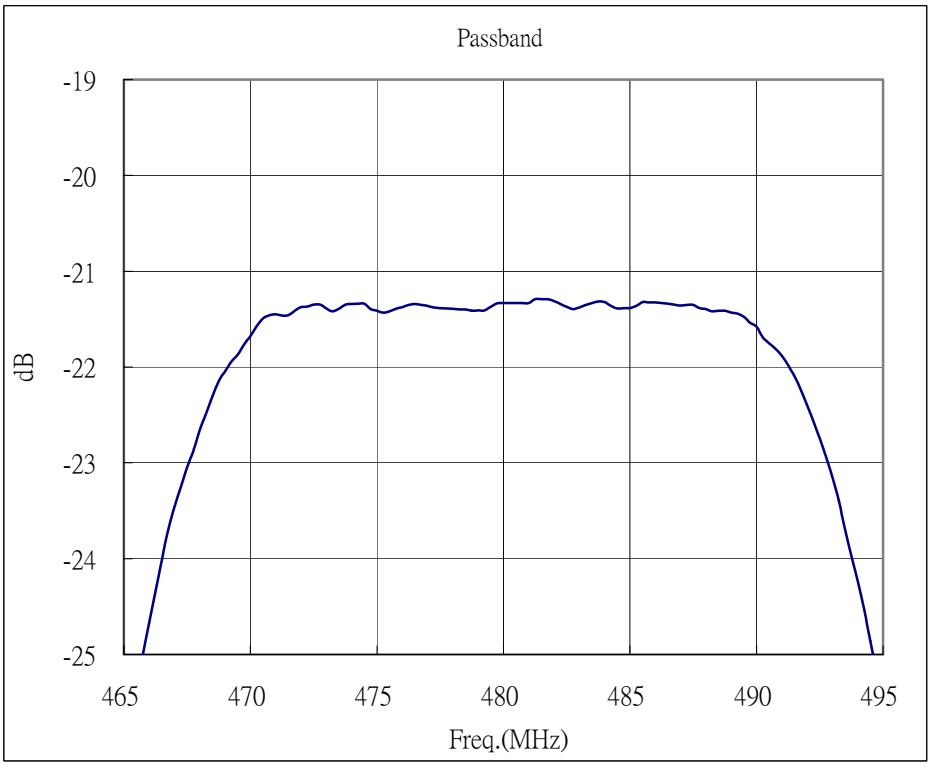


D.FREQUENCY CHRACTERISTICS:

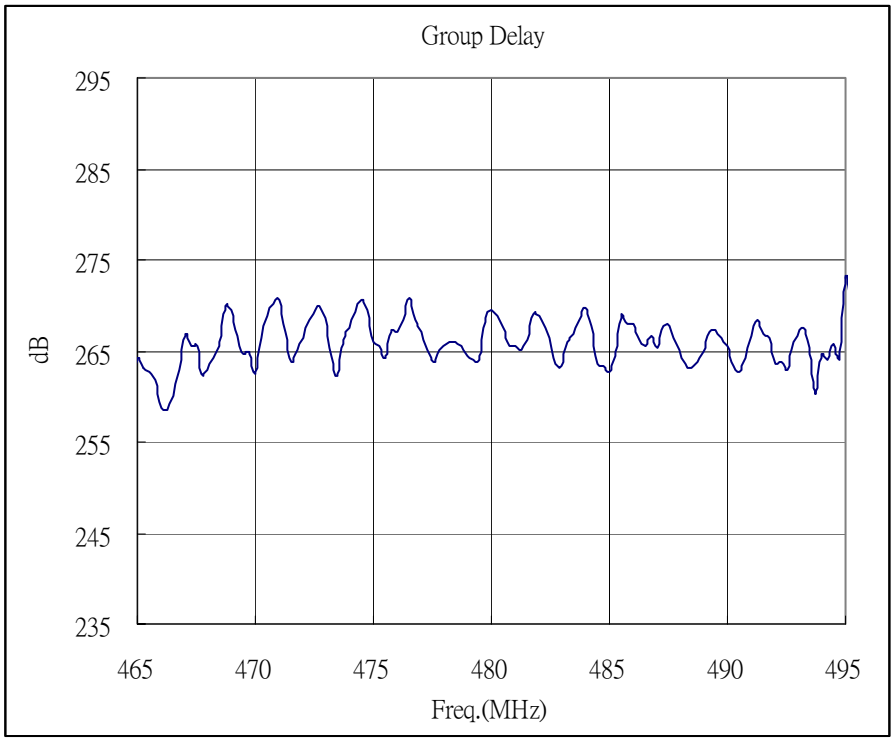
(1)Frequency Response:



(2)Amplitude ripple:



(3)Group delay:



E.MEASUREMENT CIRCUIT:

