



TAI-SAW TECHNOLOGY CO., LTD.

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Product Specifications Approval Sheet

Product Name: 243.95 MHz PHS IF SAW Filter (SMD 3.5×3.5 mm)

TST Parts No.: TB0253A

Customer Parts No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Kazuma Lee

Approval by: _____ Francis Chen

Date: _____ 01 / 04 / 2011

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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243.95 MHz PHS IF SAW Filter (SMD 3.5×3.5 mm)

Model No.: TB0253A

Rev. No.:3

1. Maximum Rating:

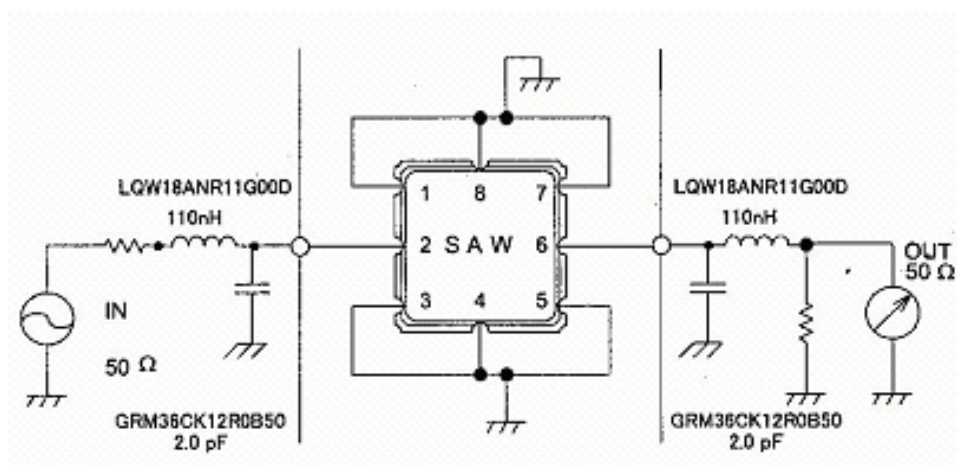
1. Input Power Level: +5 dB_m
2. Operating Temperature: -10°C to +60°C
3. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

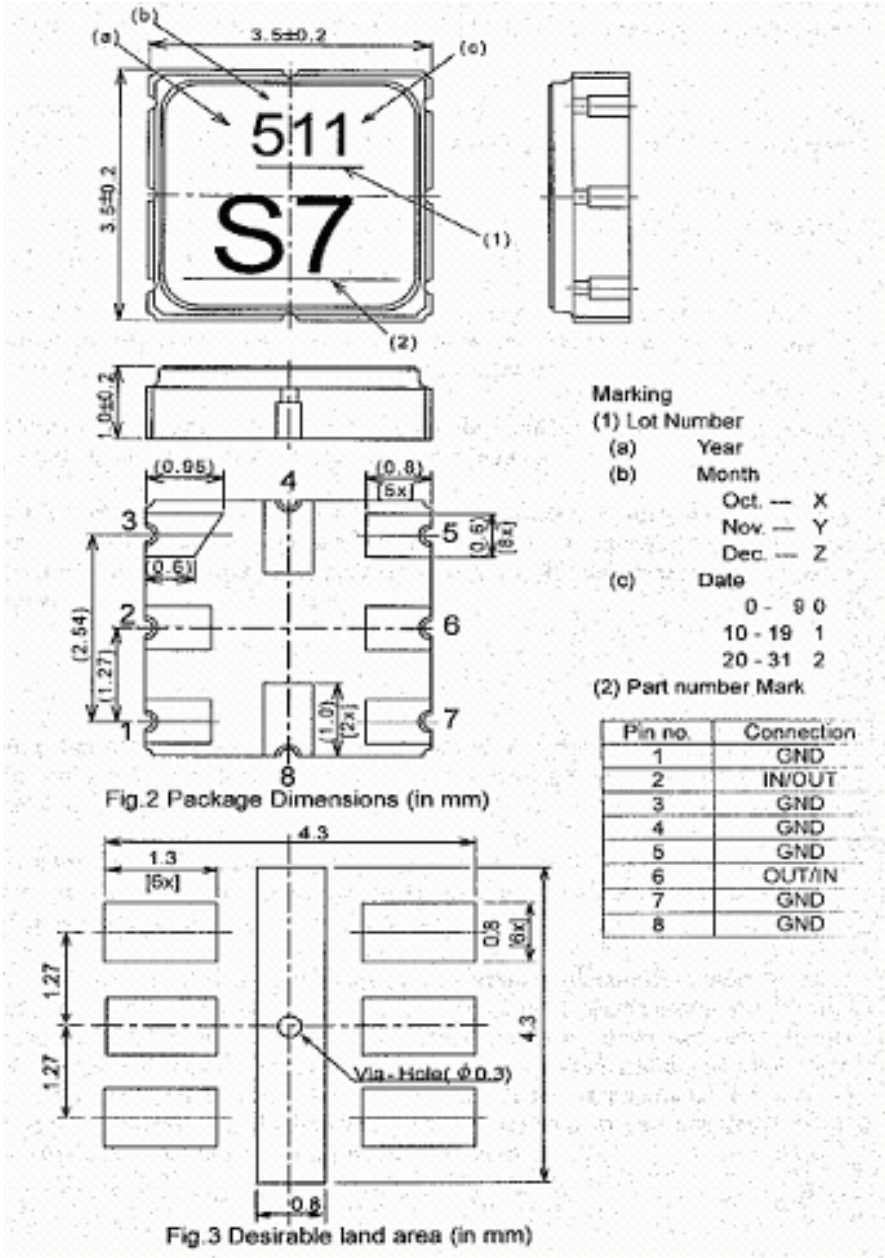
2. Electrical Characteristics:

Parameters	Unit	Min.	Typical	Max.
Nominal Center frequency, Fo	MHz	-	243.95	-
Insertion Loss at Fo	dB	-	3.0	4.0
3 dB Bandwidth	KHz	-	260	-
Amplitude ripple, Fo ± 100 KHz	dB		0.5	1.0
Group delay ripple, Fo ± 100 KHz	μsec	-	0.4	1.0
Attenuation:				
Fo ± 600 KHz	dB	25	30	-
Fo ± 10.7 MHz	dB	40	60	-
Fo ± 21.4 MHz	dB	60	65	-

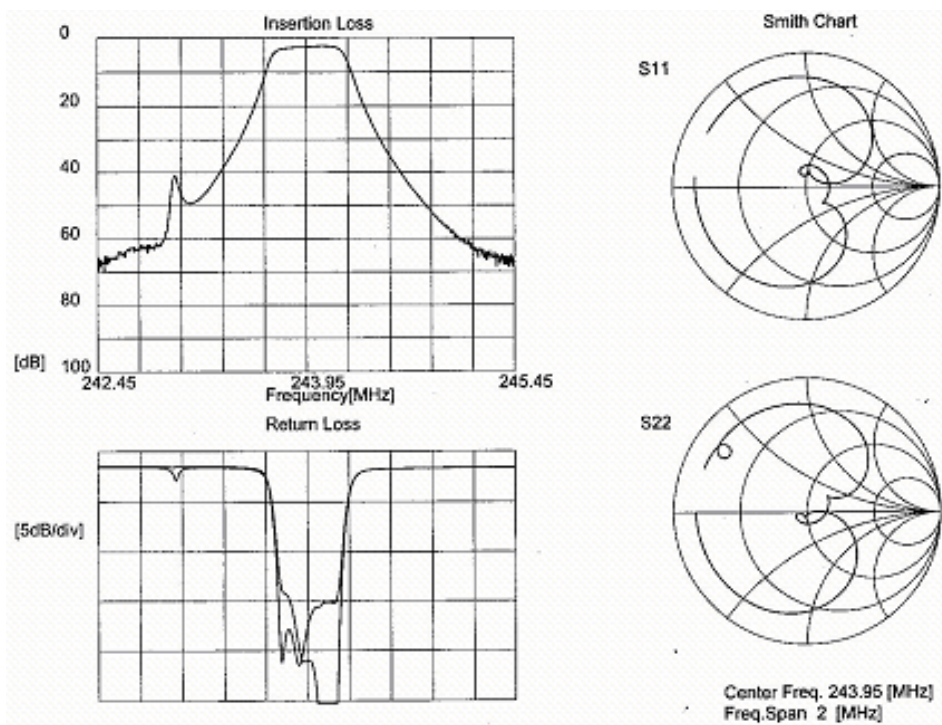
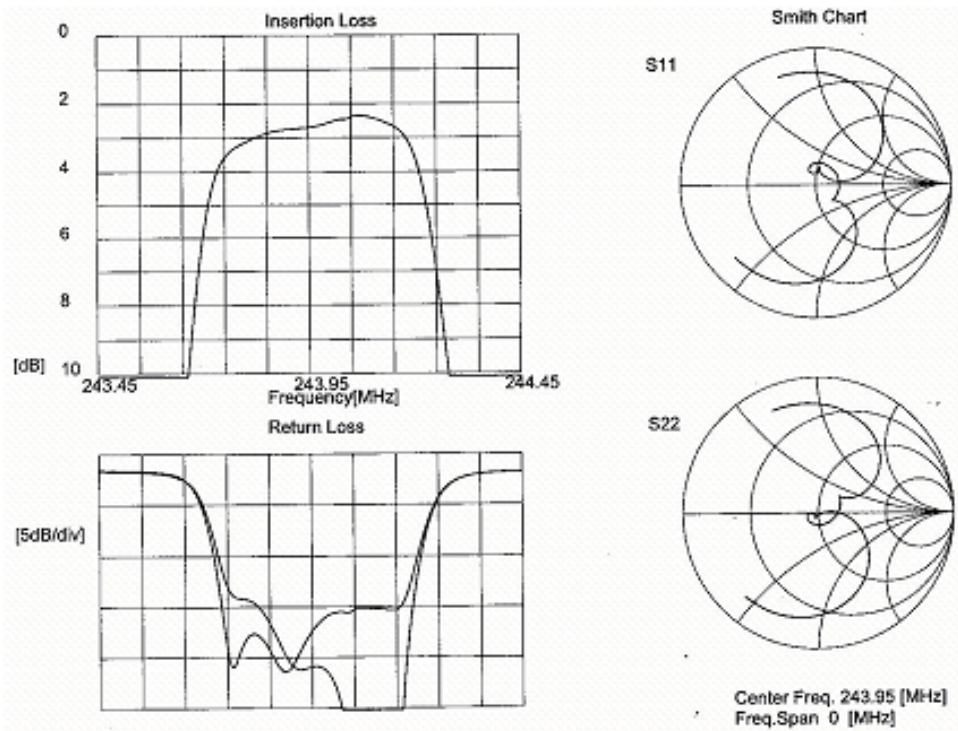
3. Measurement Circuit:

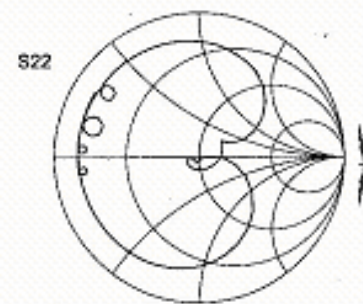
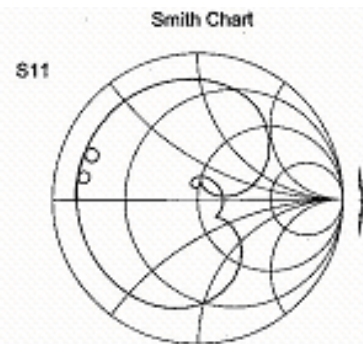
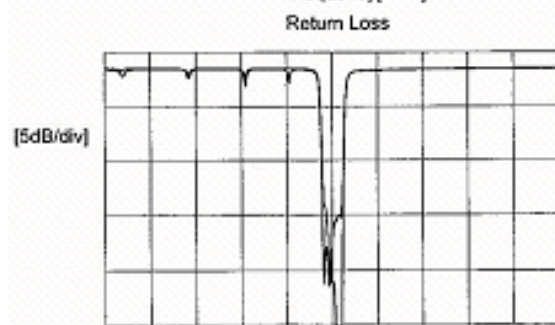
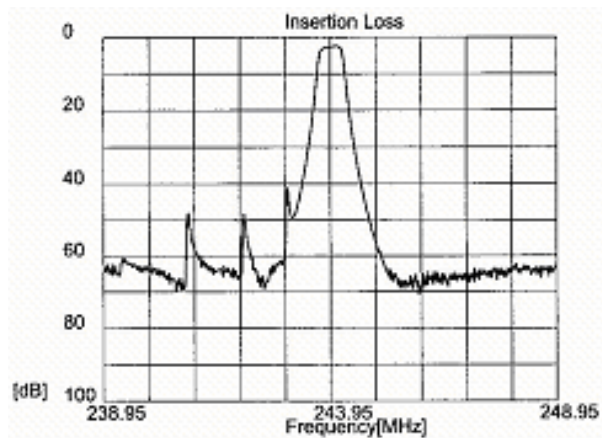


4. Outline Drawing:

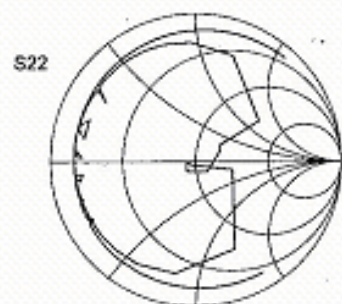
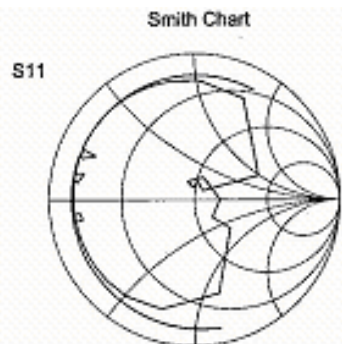
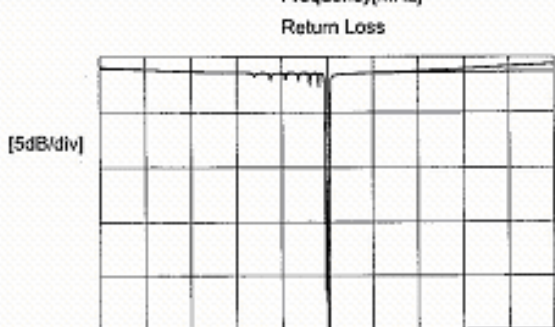
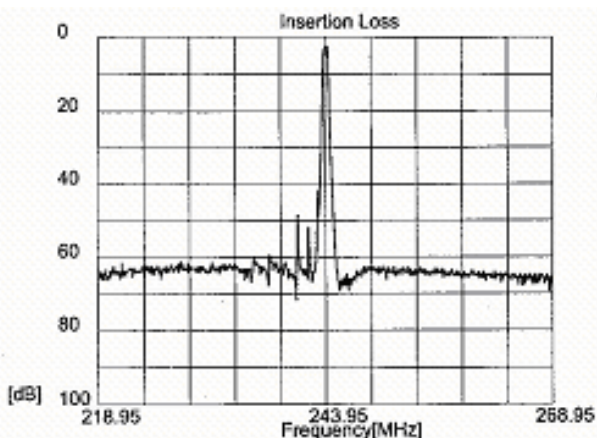


5. Frequency Characteristics:

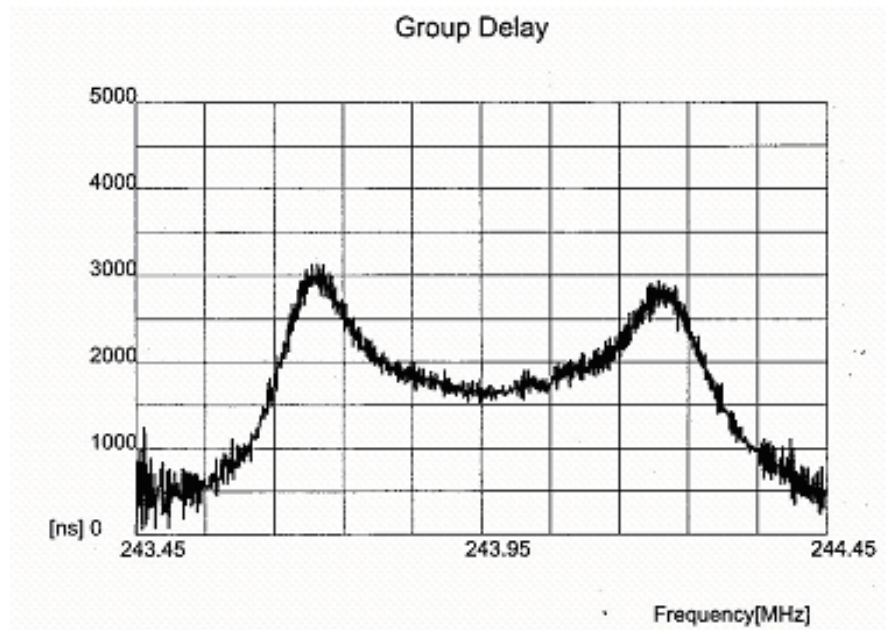




Center Freq. 243.95 [MHz]
Freq.Span 9 [MHz]



Center Freq. 243.950008 [MHz]
Freq.Span 50 [MHz]



6. PACKING:

1. REEL DIMENSION

