



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: Jun, 26, 2007

Product Name: SAW Filter 1855 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0703A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 6, 26, 2007



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SAW Filter 1855 MHz

MODEL NO.:TA0703A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

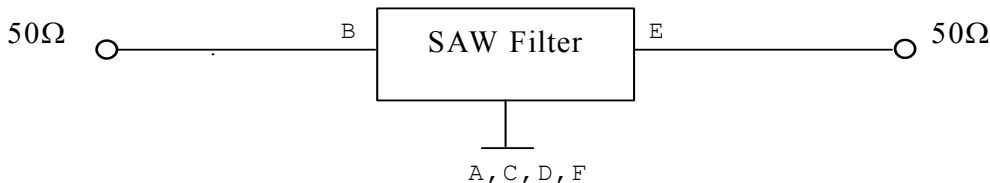
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

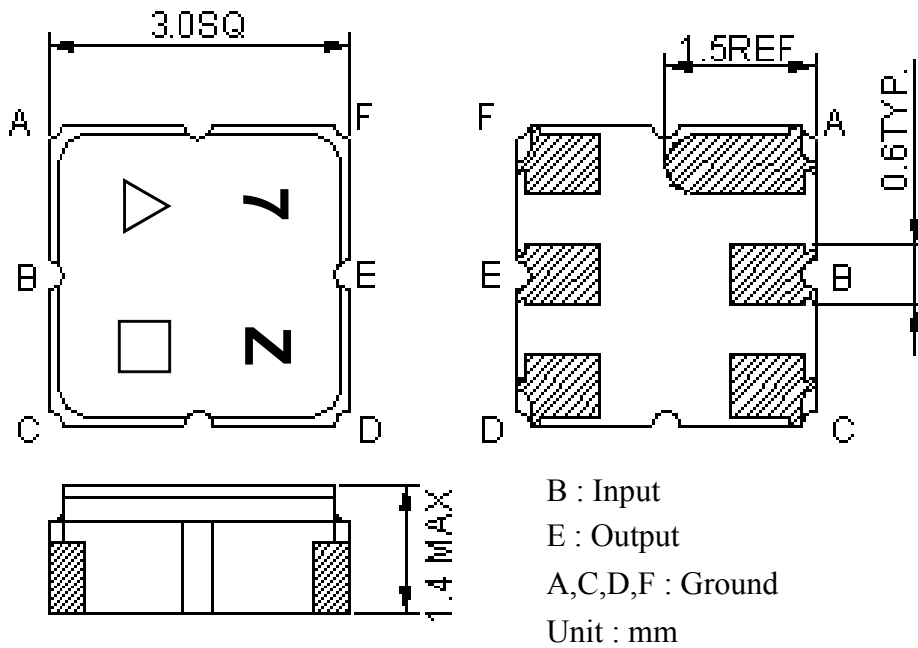
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1855	-	-
Insertion Loss (1840 ~ 1870 MHz) IL	dB	-	2.15	3	-
Amplitude Ripple (1840 ~ 1870 MHz)	dB	-	0.6	1.8	-
VSWR (1840 ~ 1870 MHz)		-	1.45	2	-
Attenuation (Reference level from 0 dB)					
1440 ~ 1470 MHz	dB	25	37	-	-
1750 ~ 1780 MHz	dB	29	36	-	-
1930 ~ 1960 MHz	dB	30	40	-	-
2240 ~ 2270 MHz	dB	28	46	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



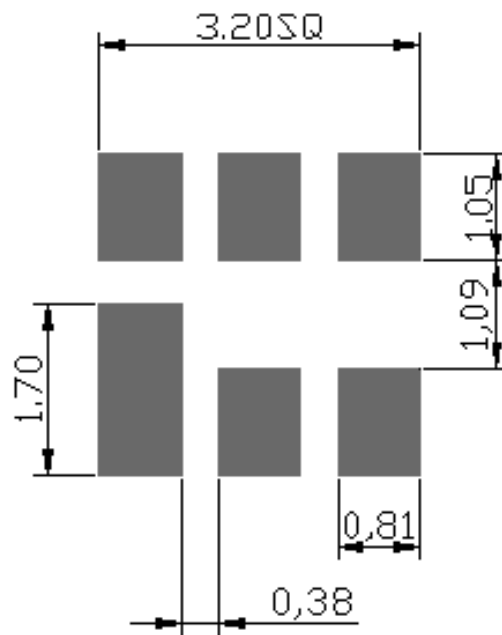
D.OUTLINE DRAWING:



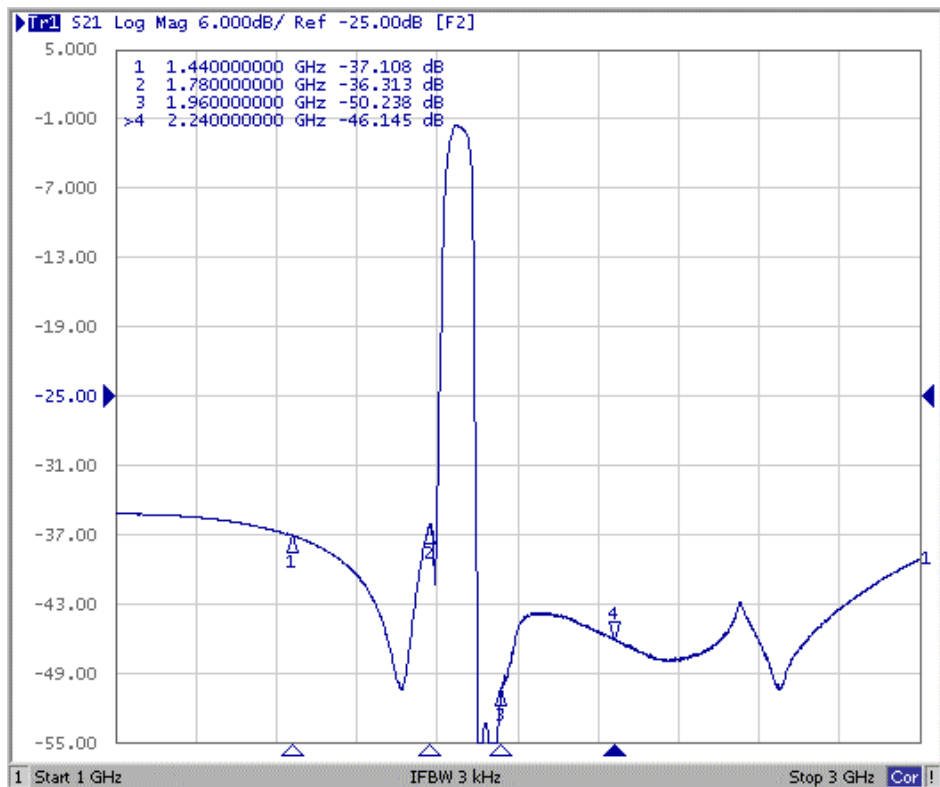
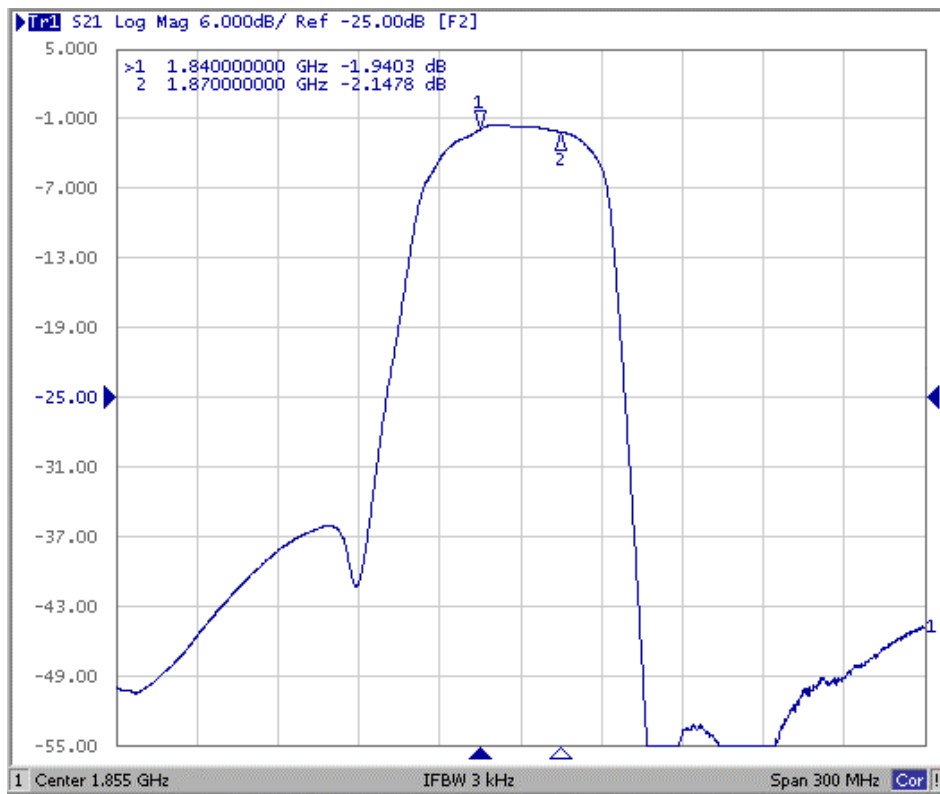
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:

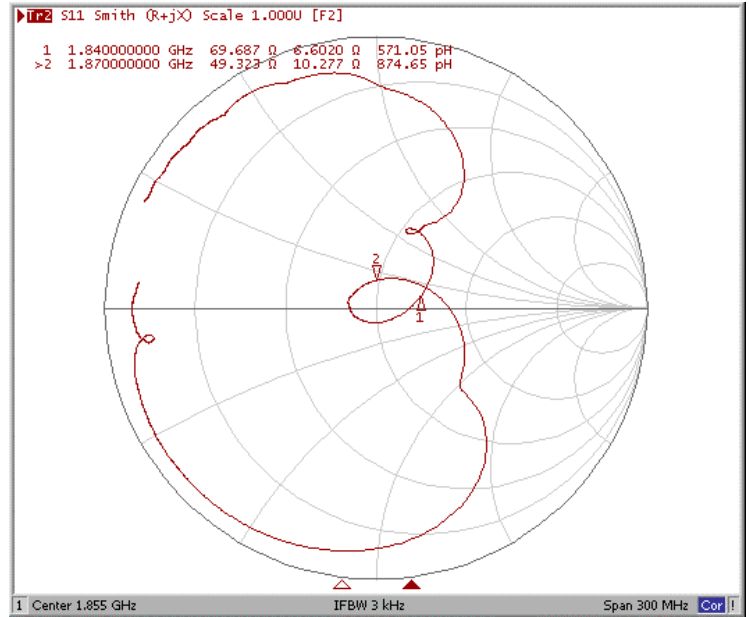
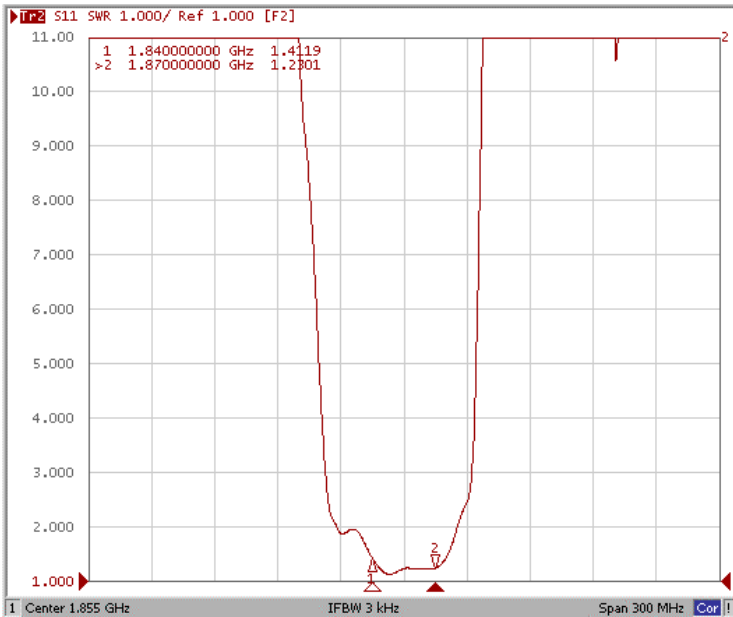


F. Frequency Characteristics :

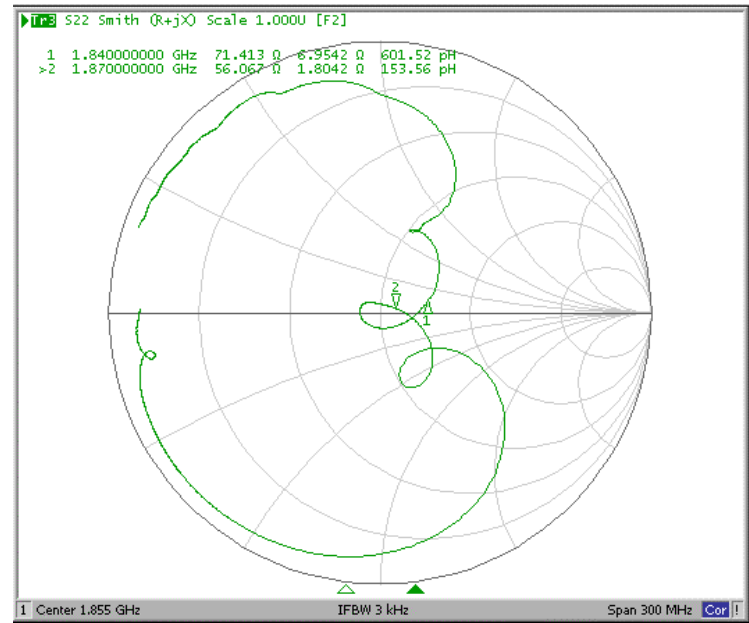
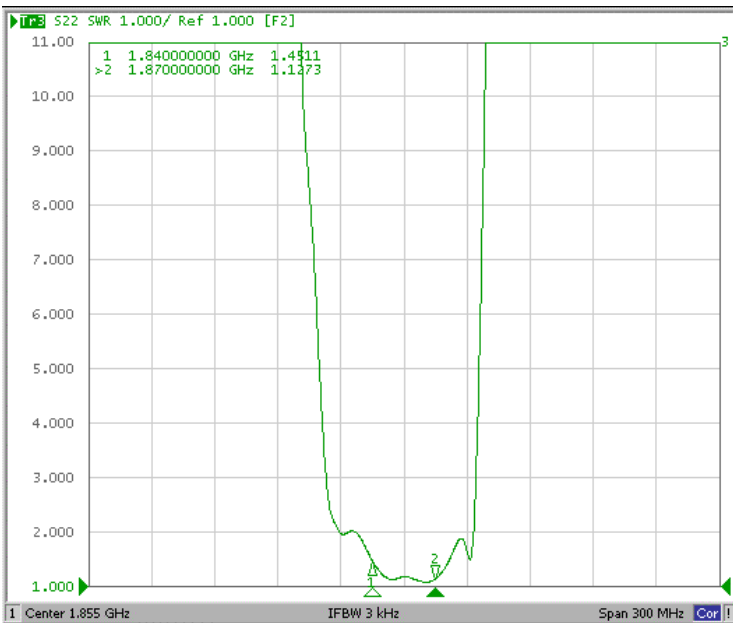


Reflection Functions :

S11



S22



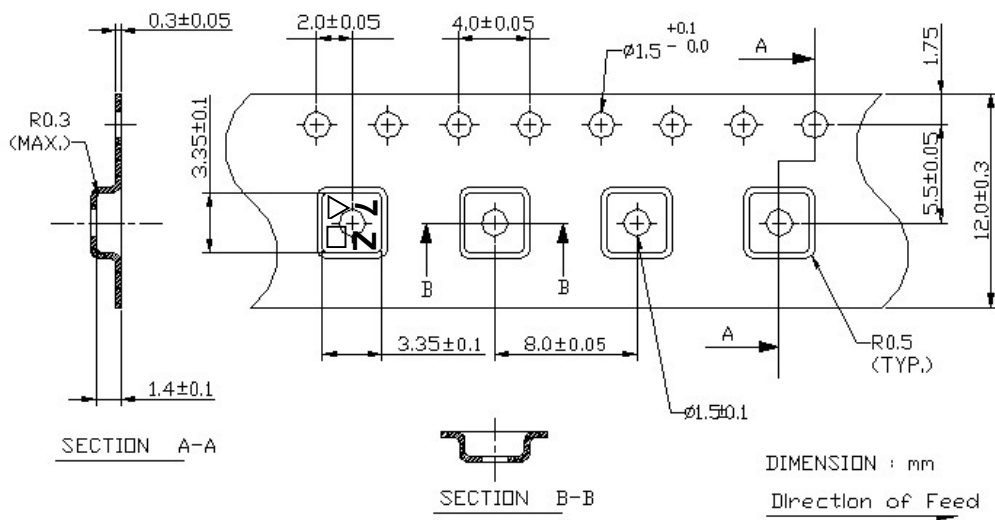
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

