



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: Apr, 18, 2007

Product Name: SAW Filter 1785 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0667A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 18, 2007



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SAW Filter 1785 MHz

MODEL NO.:TA0667A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

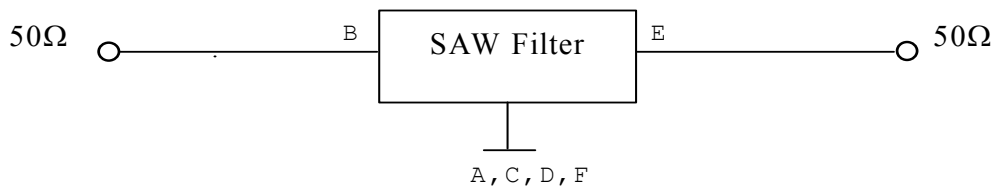
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

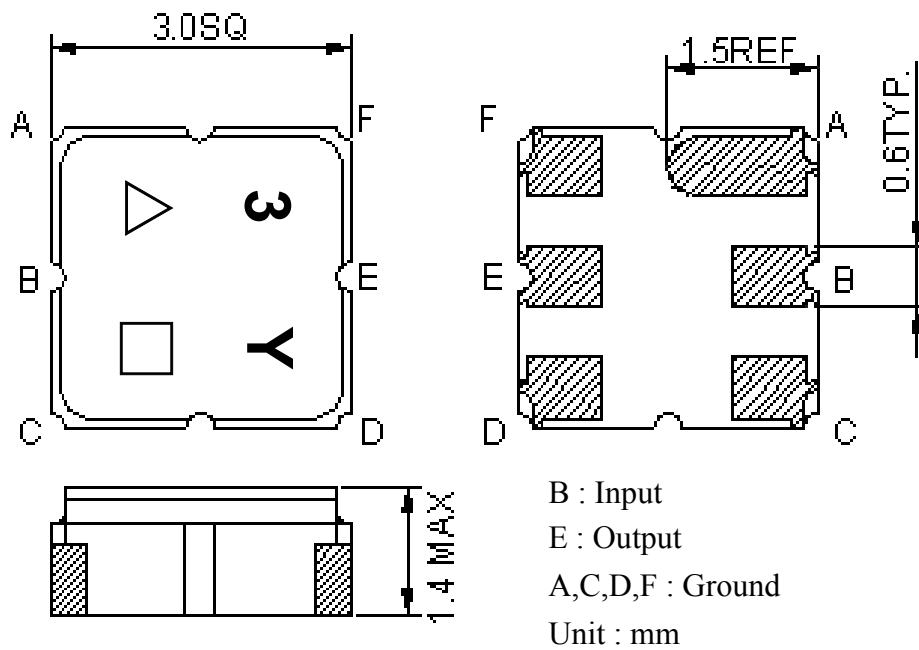
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1785	-	-
Insertion Loss (1755 ~ 1815 MHz) IL	dB	-	2.7	4	-
Amplitude Ripple (variation over 3MHz)	dB	-	0.5	1.2	-
VSWR (1755 ~ 1815 MHz)		-	1.8	2.4	
Group Delay Ripple (variation over 3MHz)	ns	-	2	30	
Attenuation (Reference level from 0 dB)					
D.C. ~ 1685 MHz	dB	28	31	-	-
1685 ~ 1720 MHz	dB	20	42	-	-
1850 ~ 1885 MHz	dB	20	53	-	-
1885 ~ 3000 MHz	dB	30	37	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



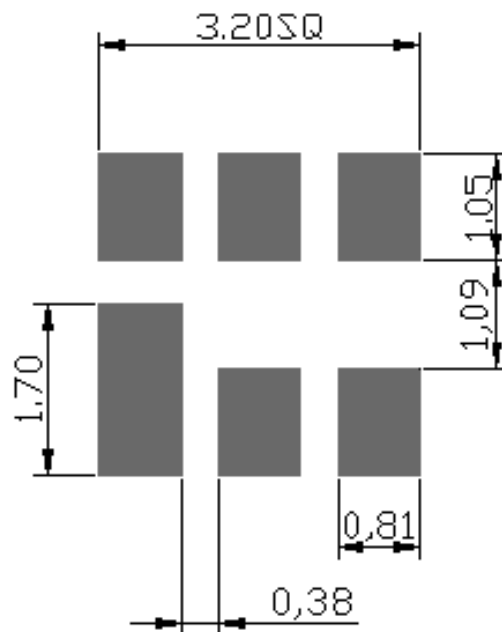
D.OUTLINE DRAWING:



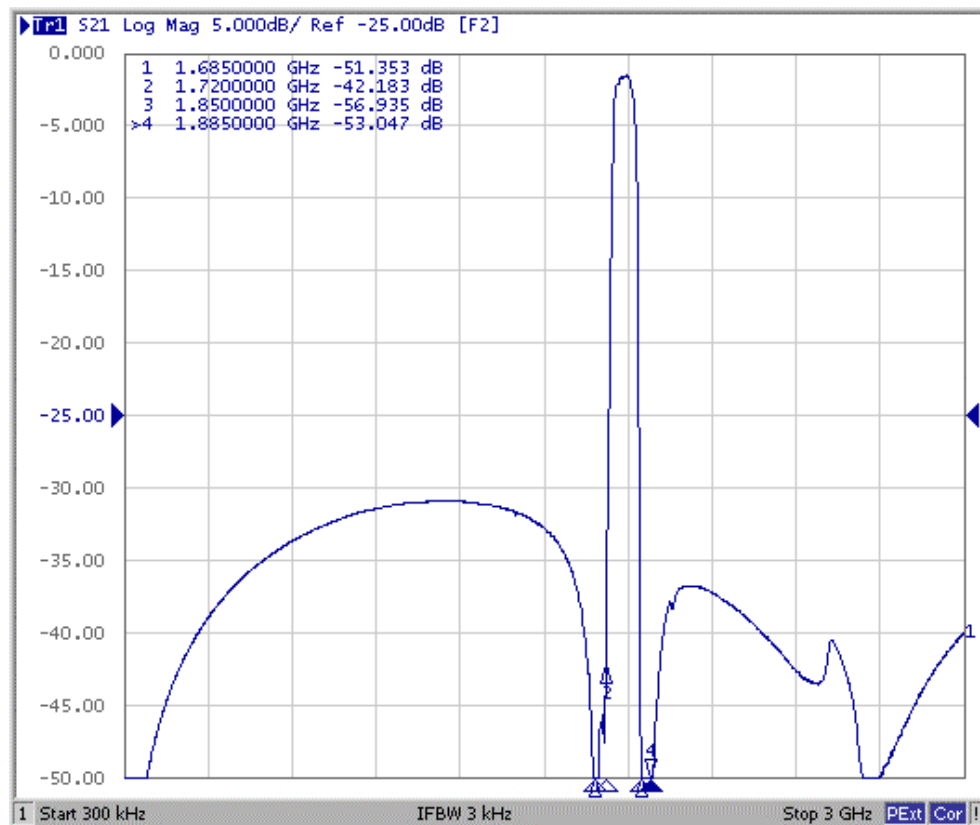
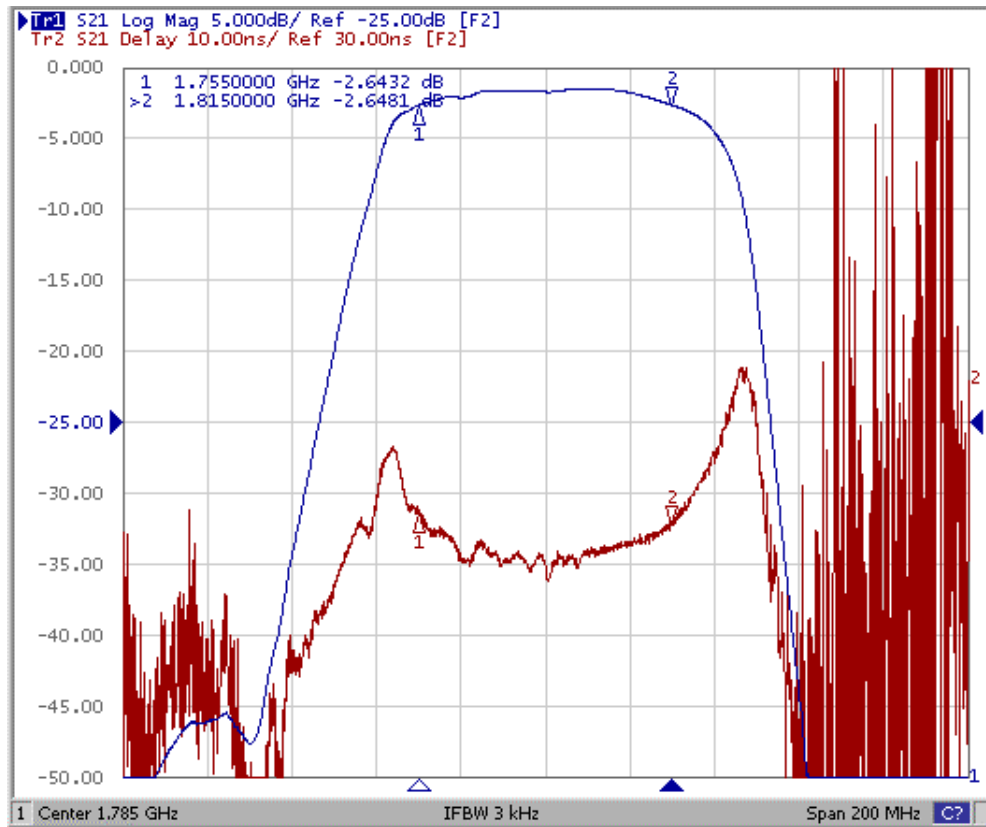
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

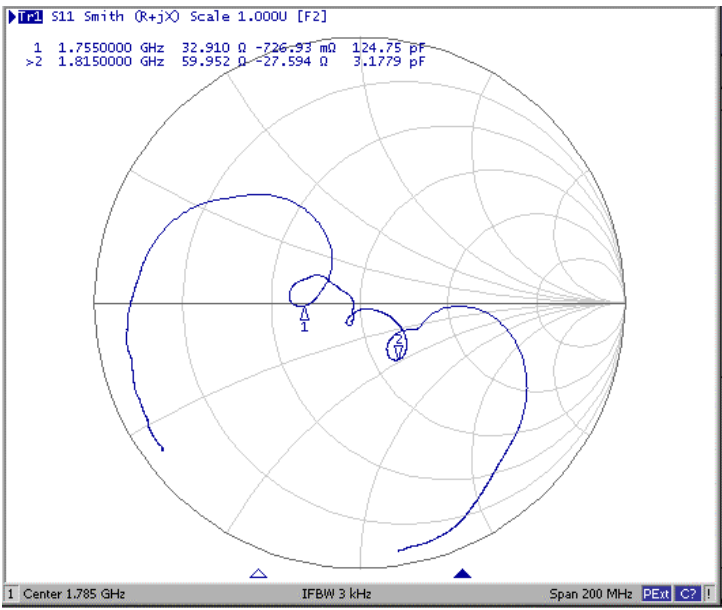
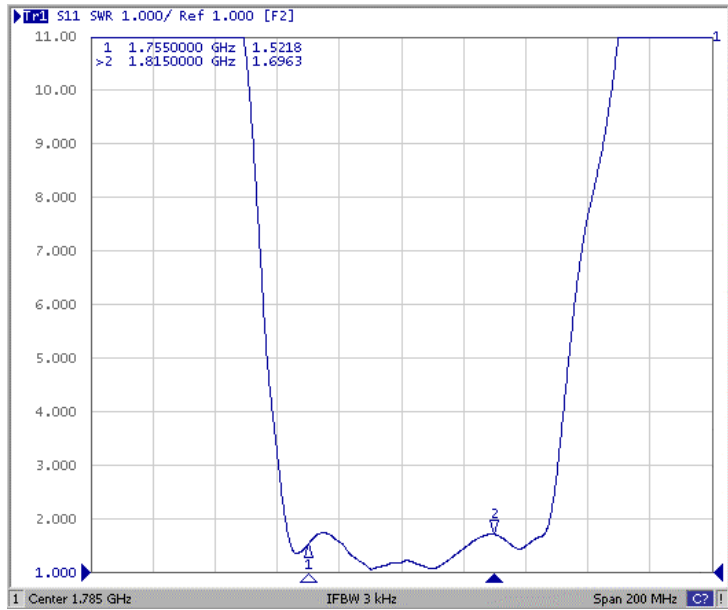


F. Frequency Characteristics :

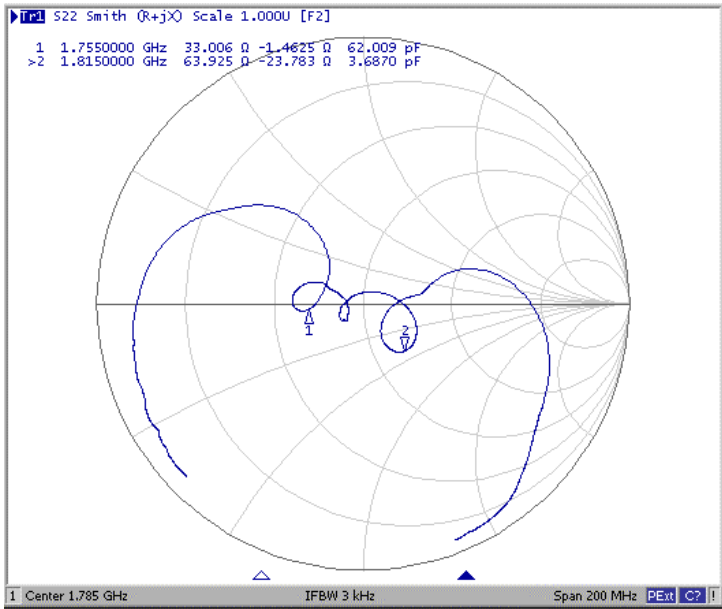
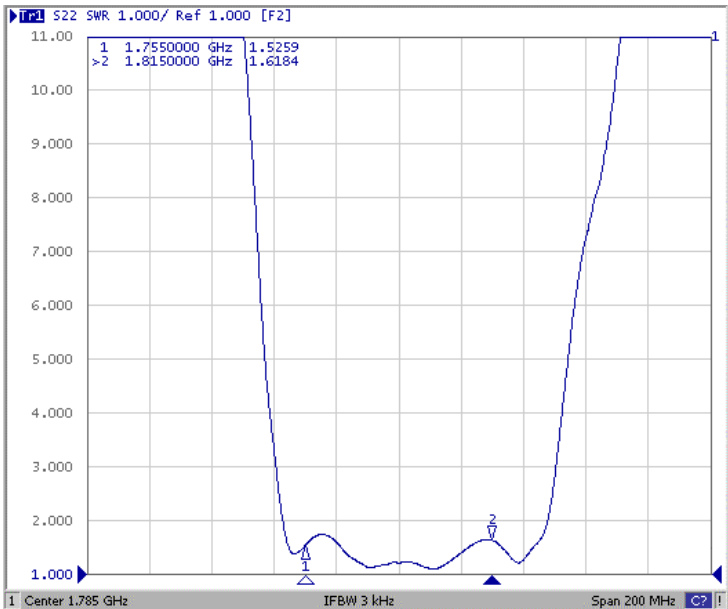


Reflection Functions :

S11



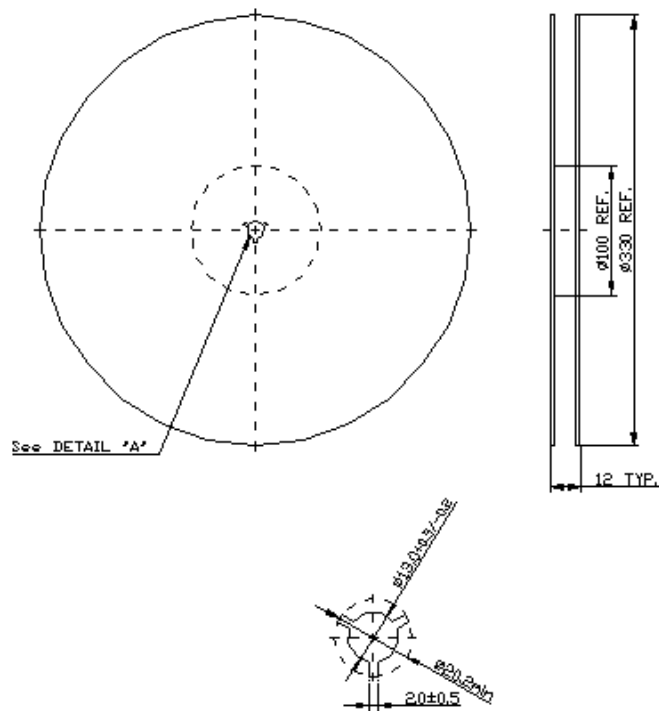
S22



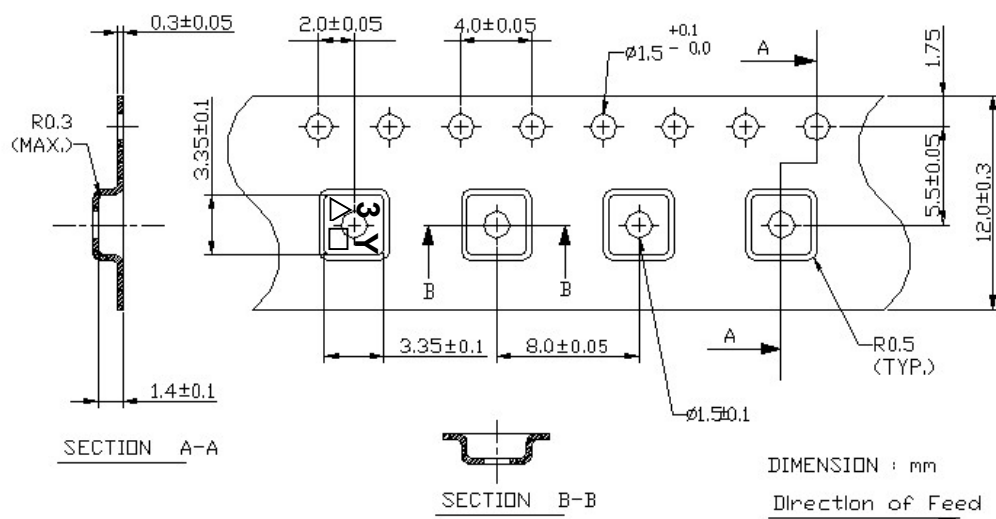
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

