



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: Oct, 11, 2007

Product Name: SAW Filter 1732.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0755A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 10, 11, 2007



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SAW Filter 1732.5 MHz

MODEL NO.:TA0755A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 13 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

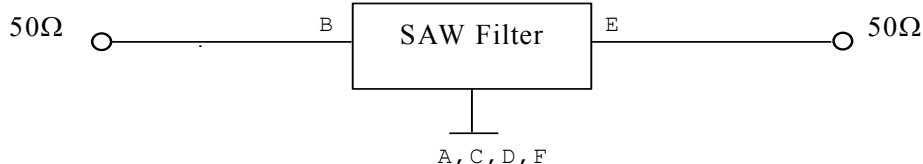
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

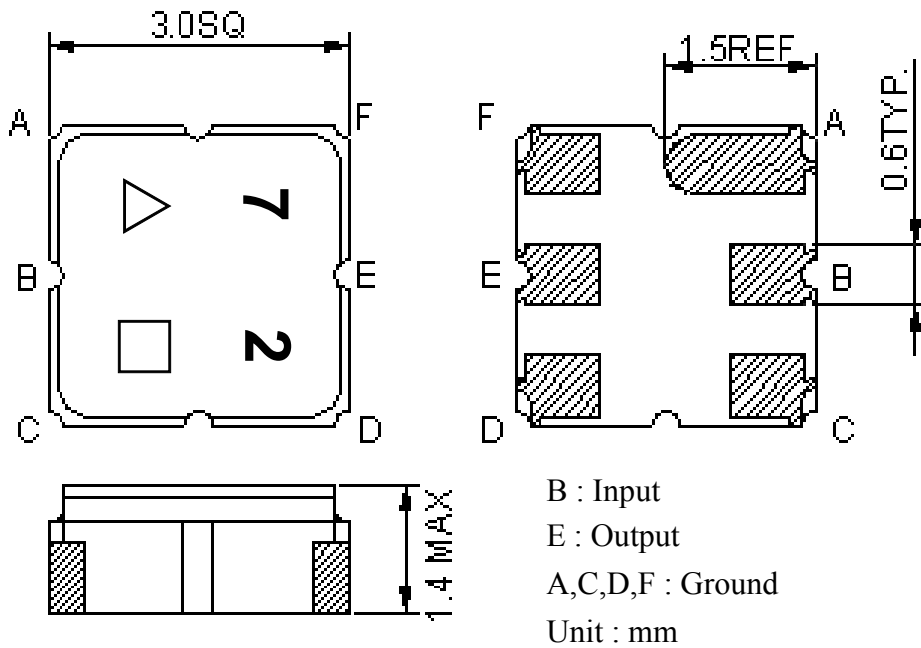
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1732.5	-	-
Insertion Loss (1710 ~ 1755 MHz) IL	dB	-	2.5	3.5	-
Amplitude Ripple (1710 ~ 1755 MHz)	dB	-	1.1	2	-
VSWR (1710 ~ 1755 MHz)		-	1.6	2.5	-
Attenuation (Reference level from 0 dB)					
1500 ~ 1670 MHz	dB	25	37	-	-
1795 ~ 2000 MHz	dB	25	40	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer

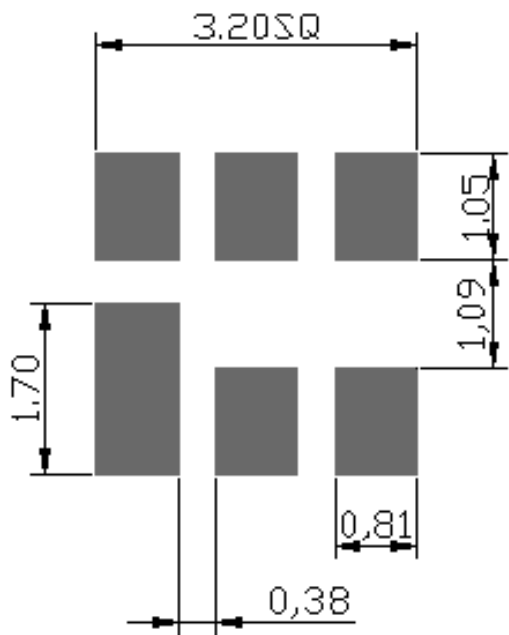


D.OUTLINE DRAWING:

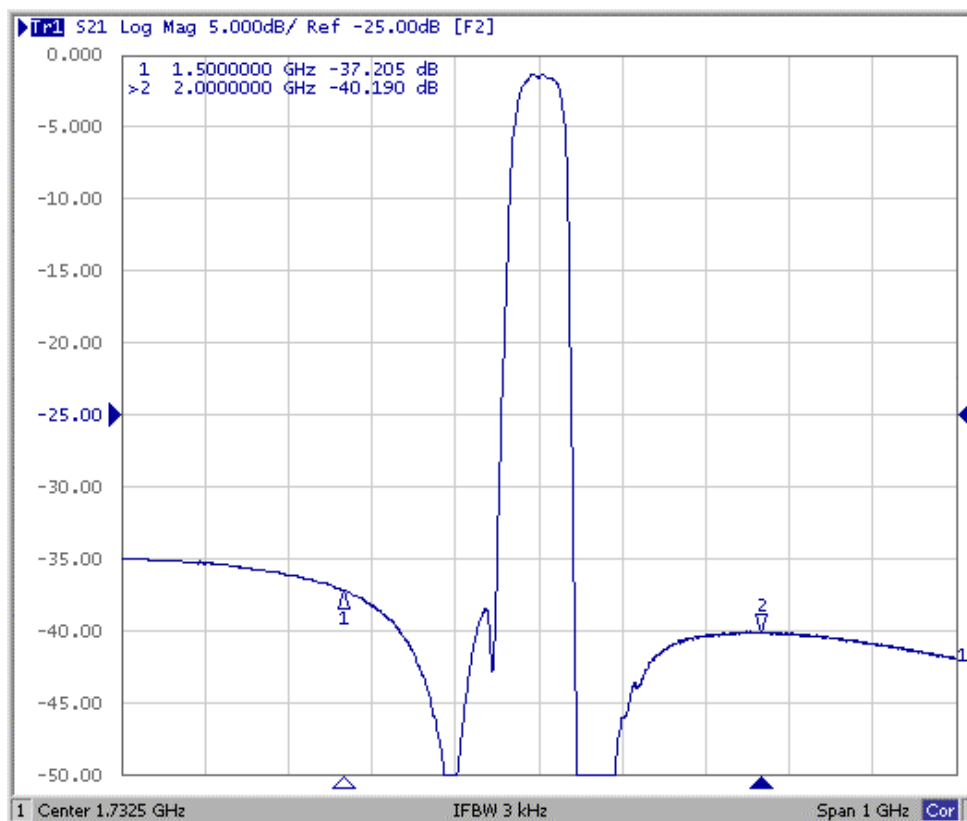
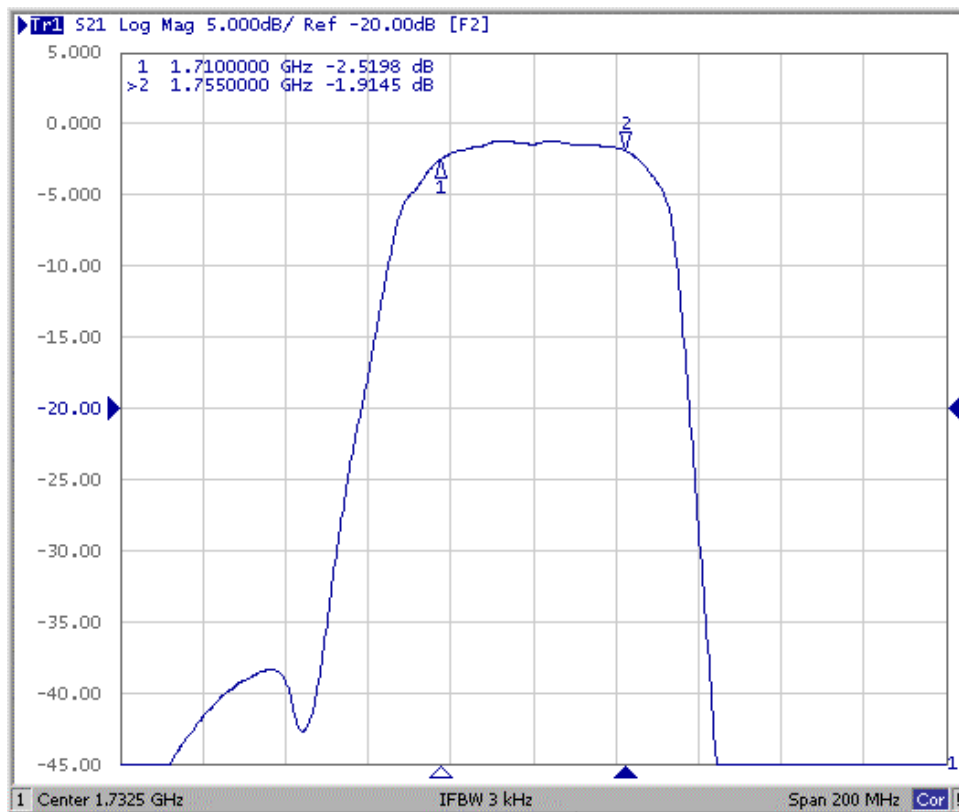


- △ : Year Code (2006->6, ..., 2009->9)
□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:

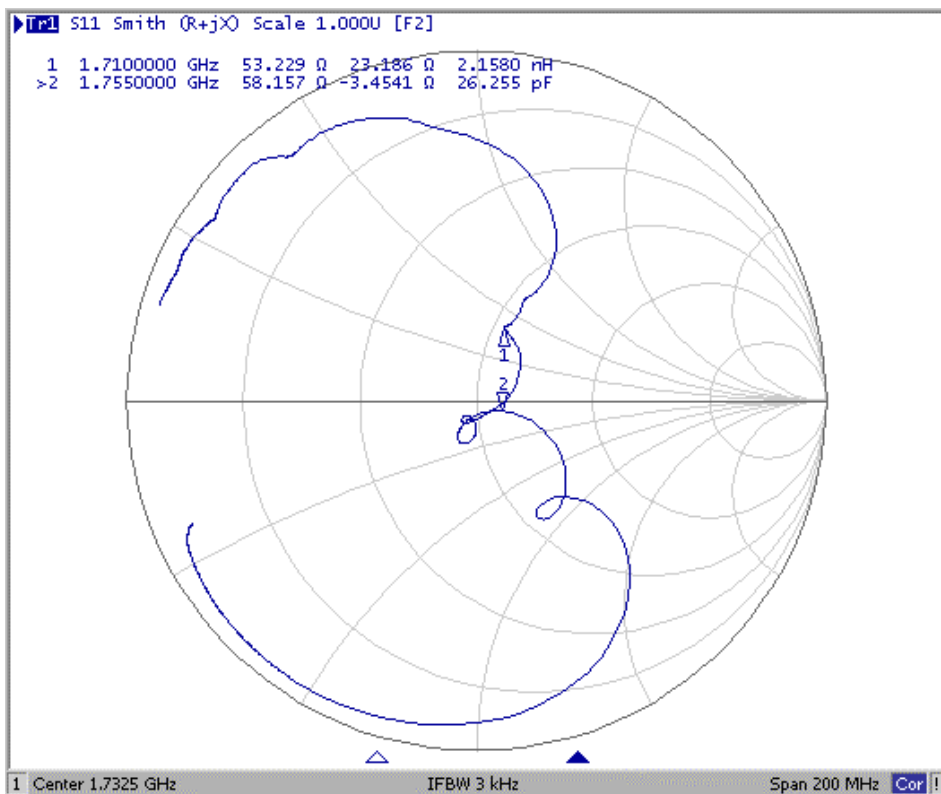
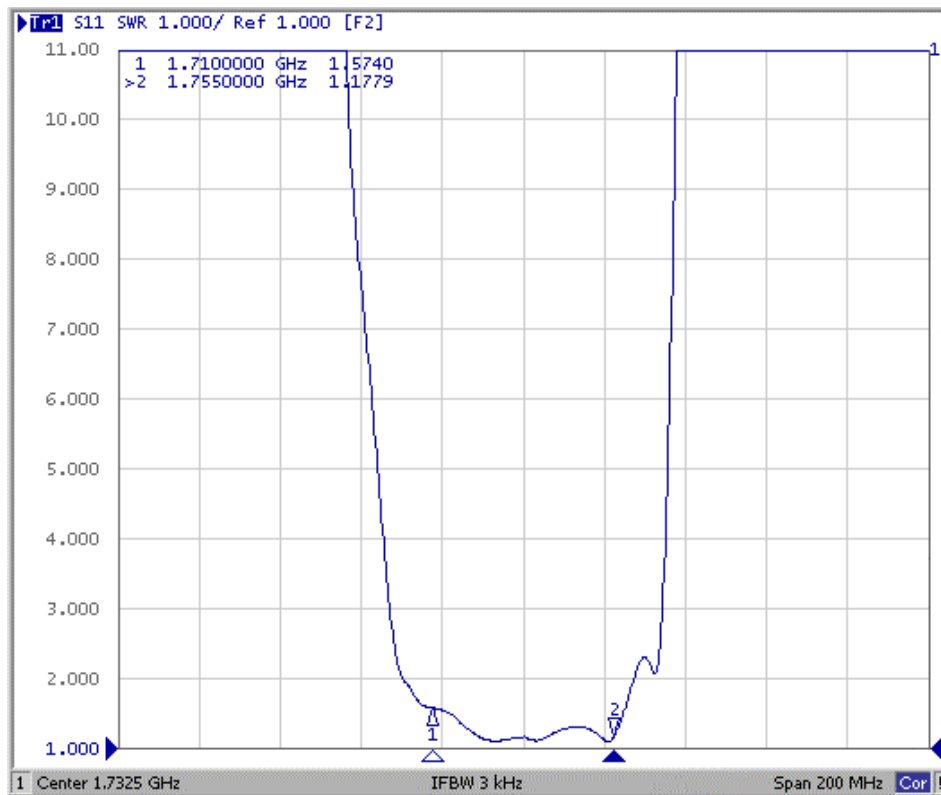


F. Frequency Characteristics :

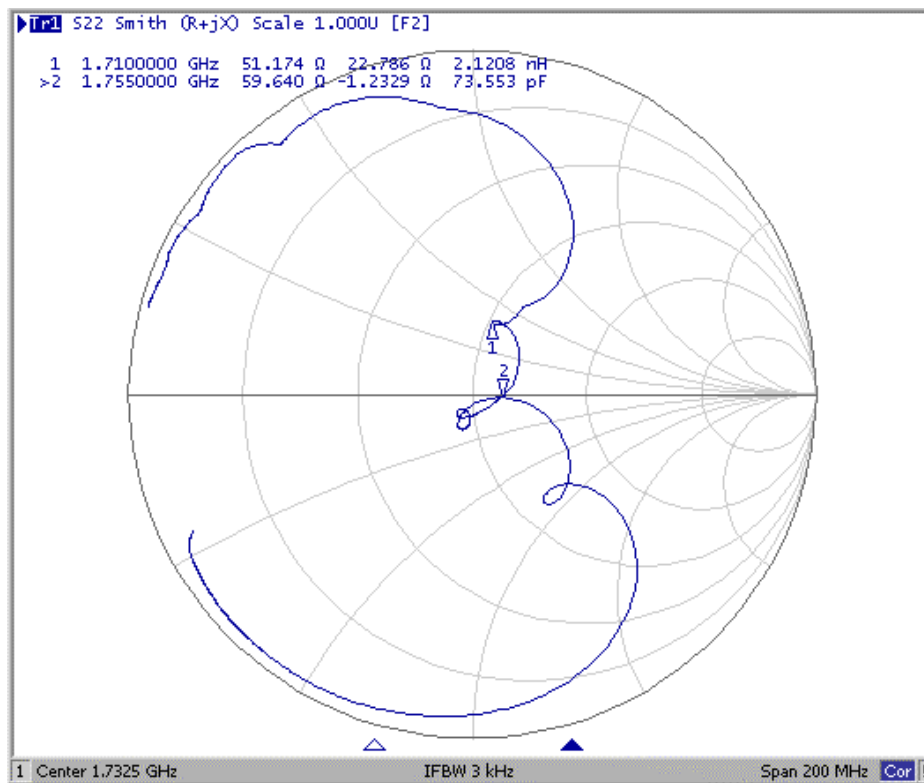
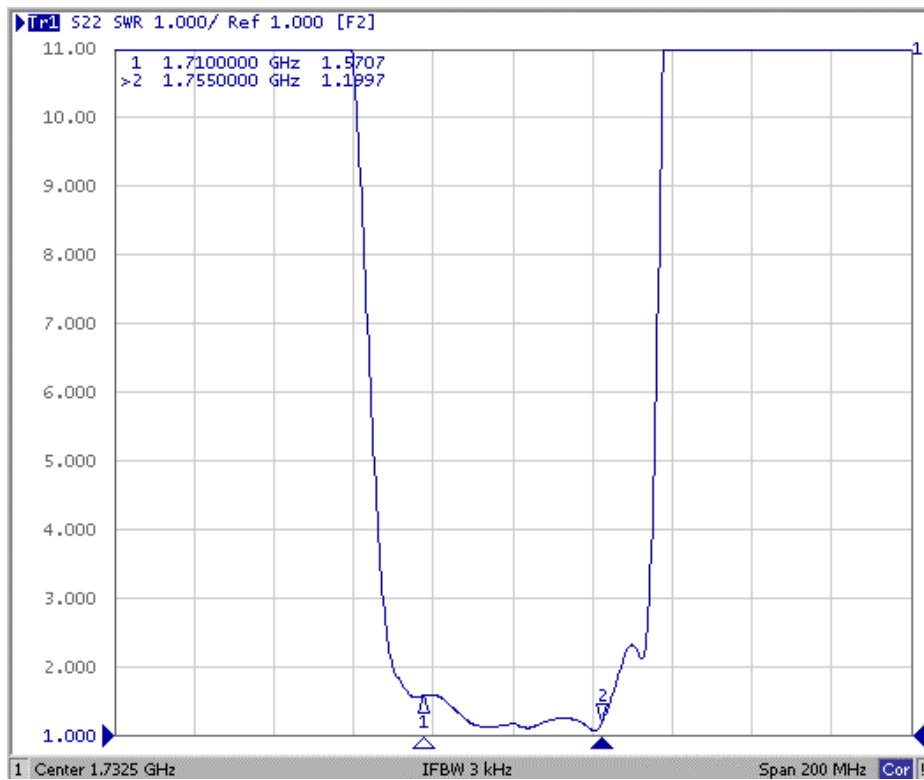


Reflection Functions :

S11



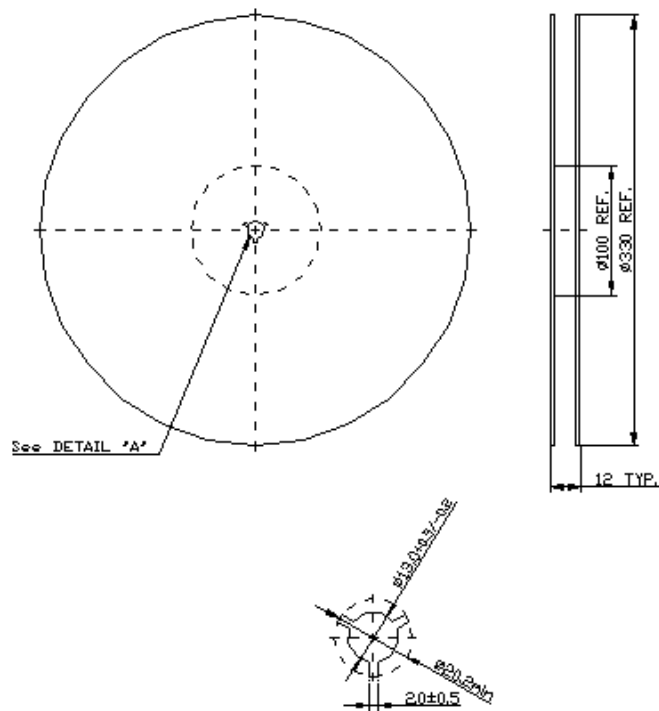
S22



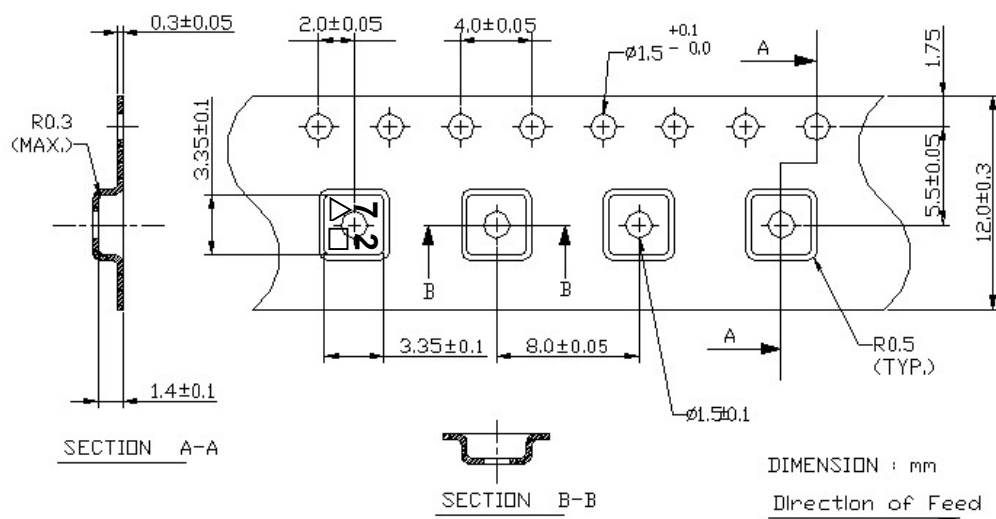
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

