



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: Sep, 14, 2007

Product Name: SAW Filter 2592.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0744A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 9, 14, 2007



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SAW Filter 2592.5 MHz

MODEL NO.:TA0744A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

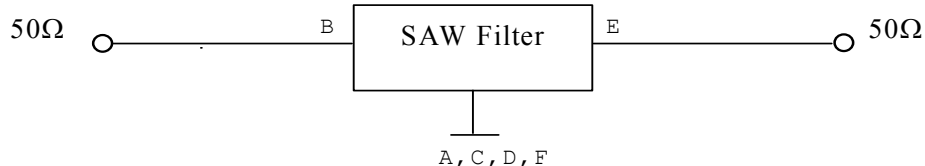
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

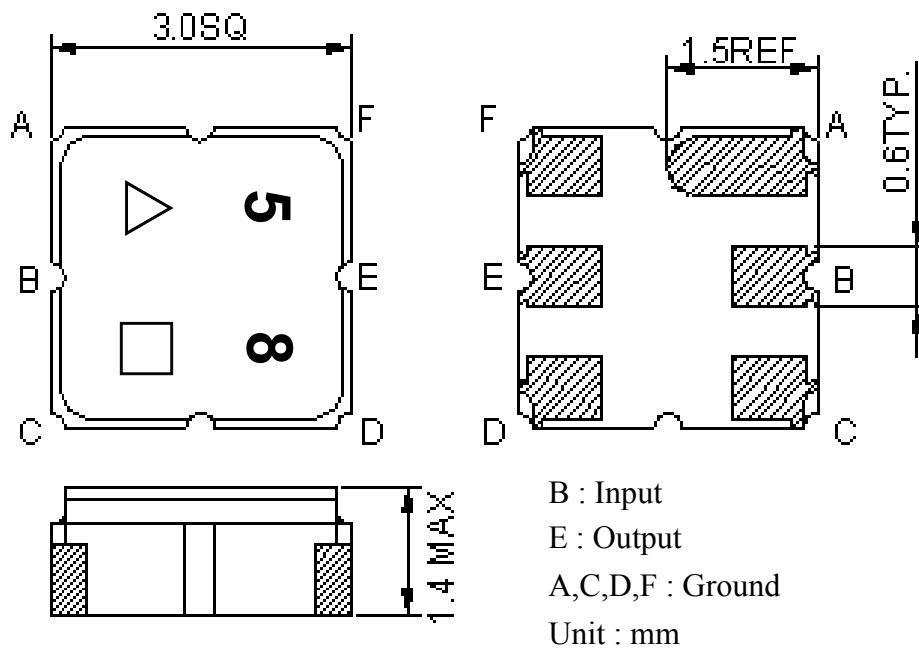
Item	Unit	Min.	Type.	Max.	Note
Center Frequency F_c	MHz	-	2592.5	-	-
Insertion Loss (2579 ~ 2606 MHz) IL	dB	-	2.6	4	-
Amplitude Ripple (2579 ~ 2606 MHz)	dB	-	0.9	2.5	-
Return Loss (2579 ~ 2606 MHz)	dB	9	16	-	-
Attenuation (Reference level from 0 dB)					
D.C. ~ 2450 MHz	dB	35	43	-	-
2700 ~ 2850 MHz	dB	40	56	-	-
2850 ~ 3000 MHz	dB	35	50	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



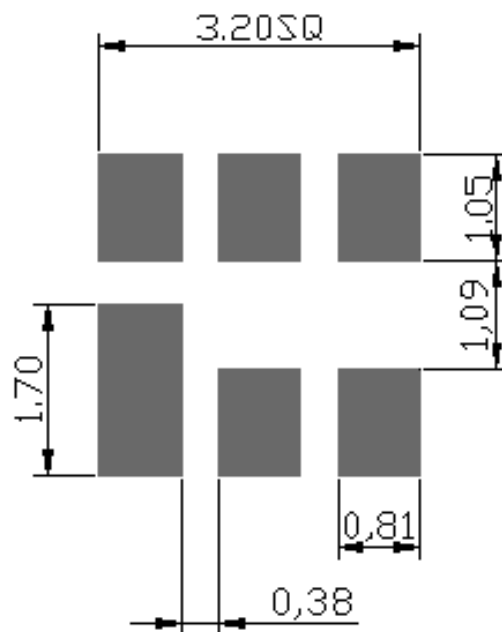
D.OUTLINE DRAWING:



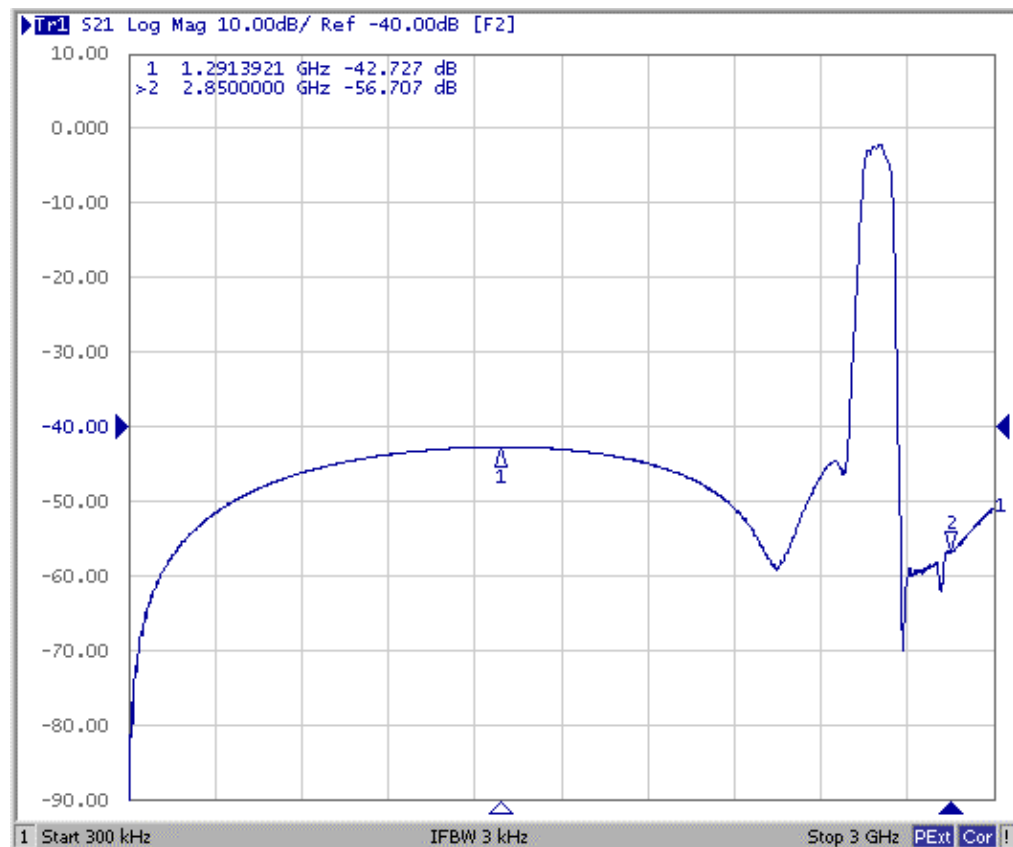
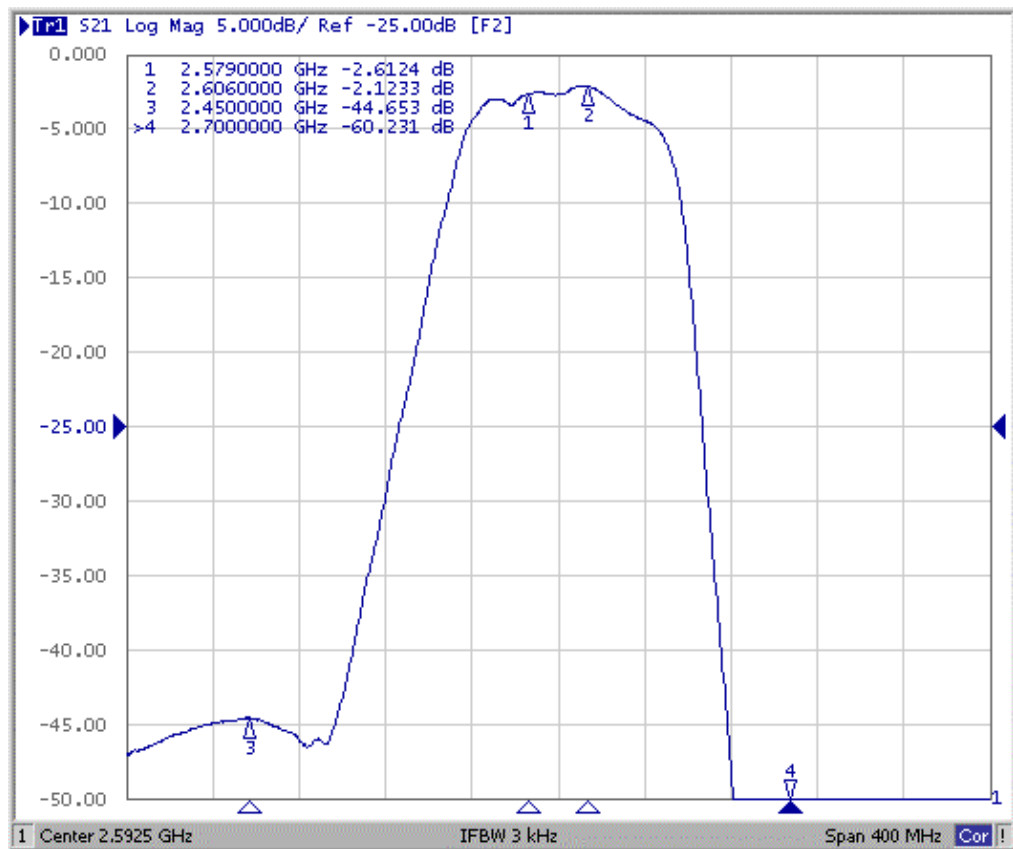
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

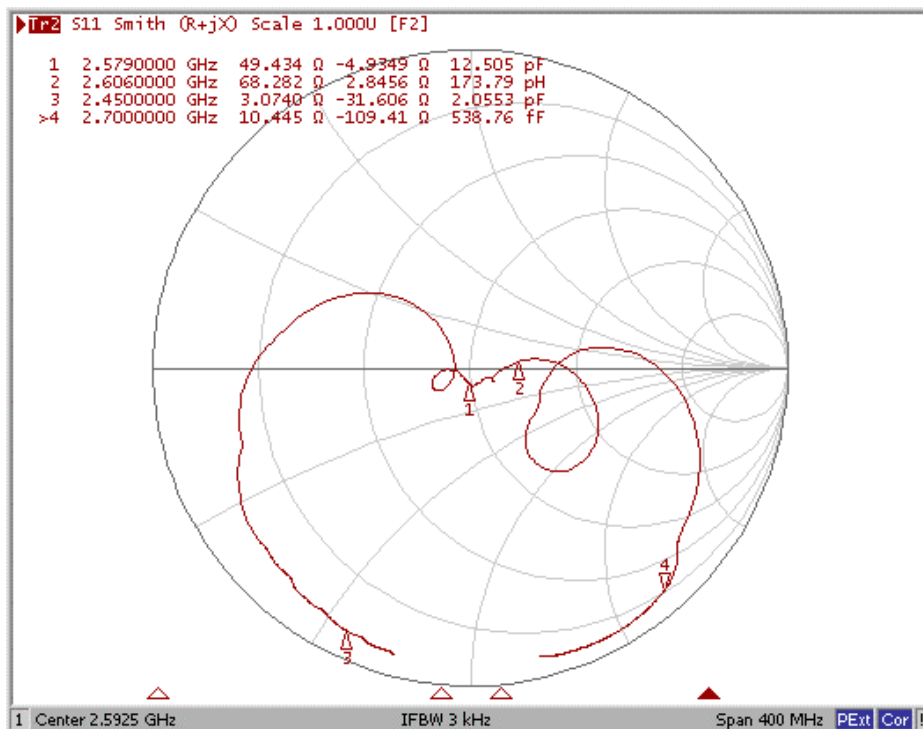
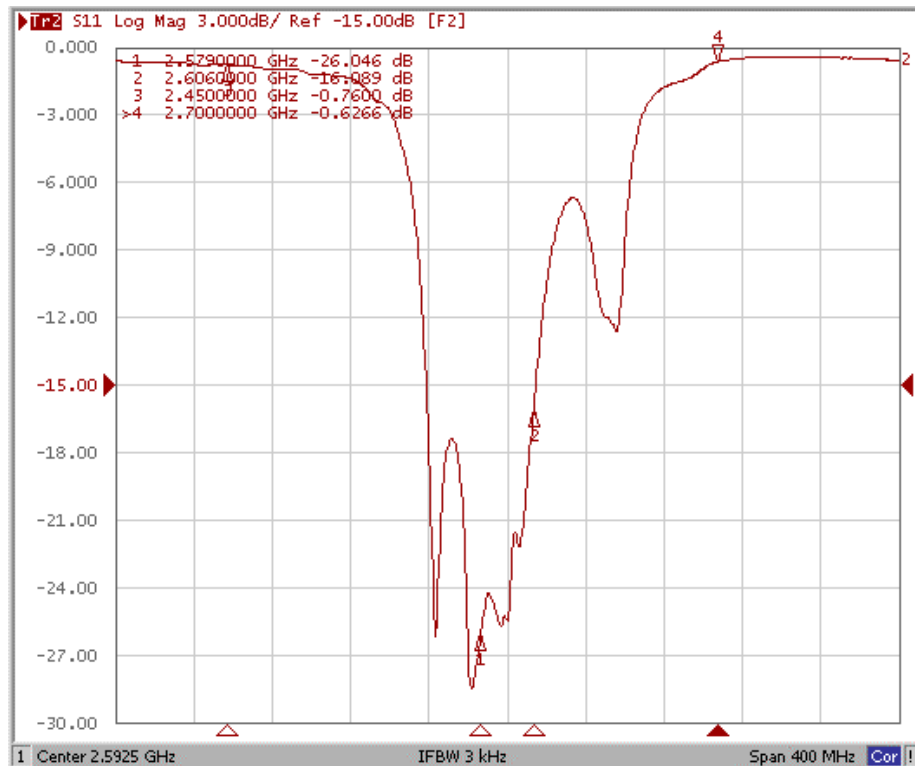


F. Frequency Characteristics :

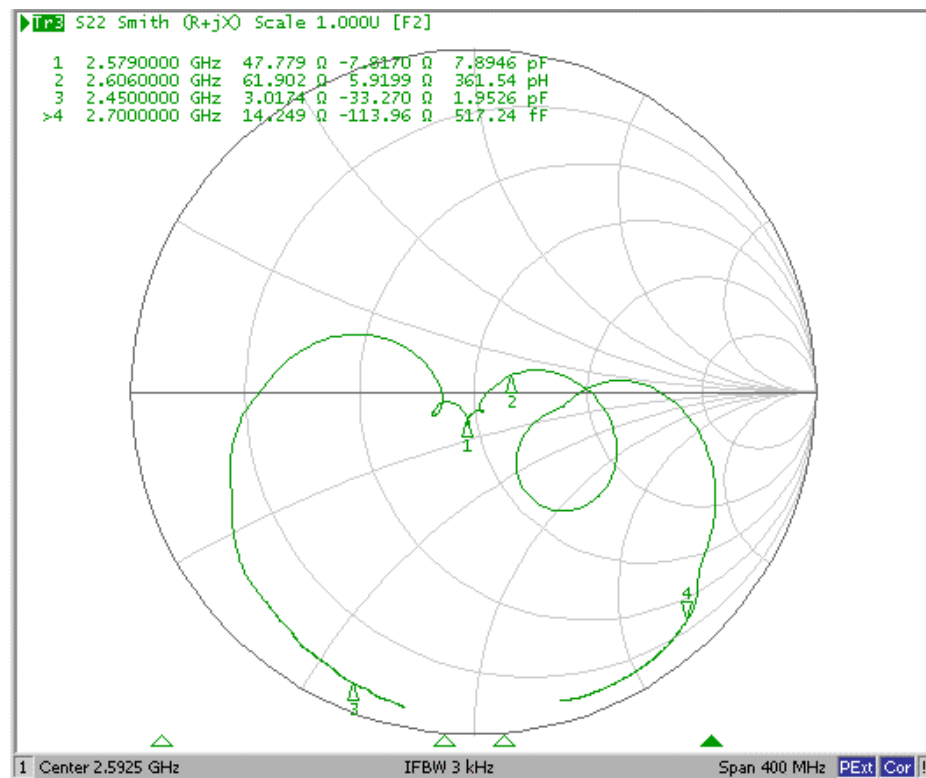
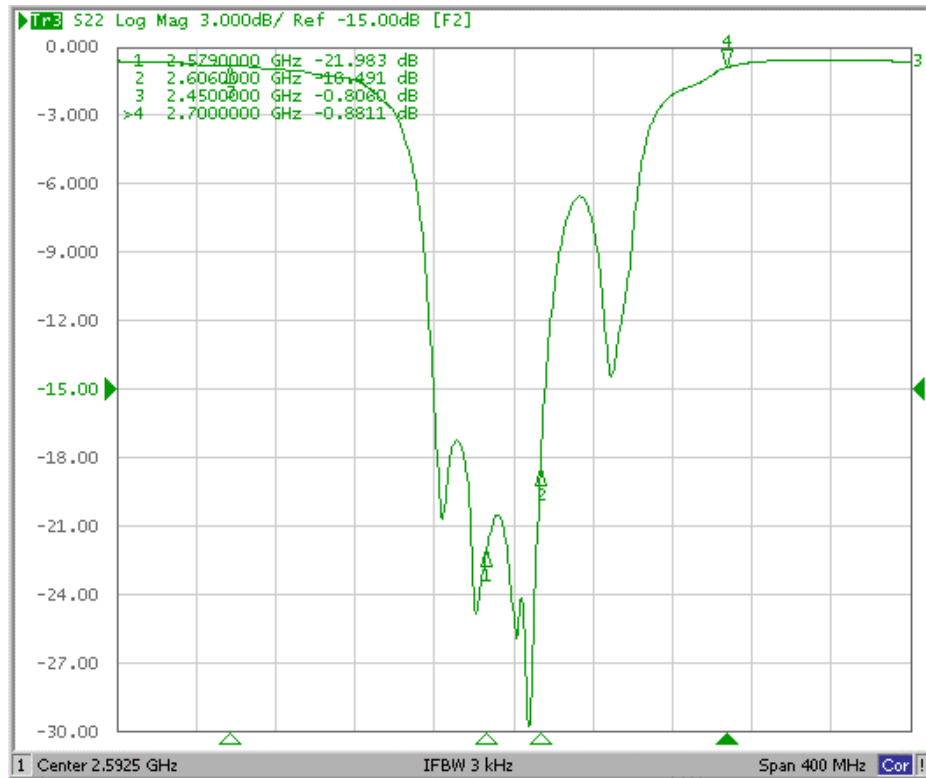


Reflection Functions :

S11



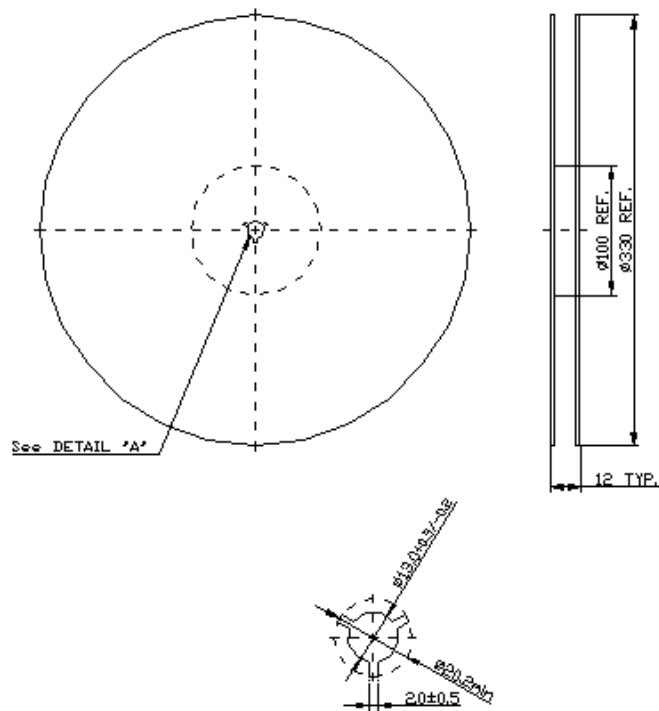
S22



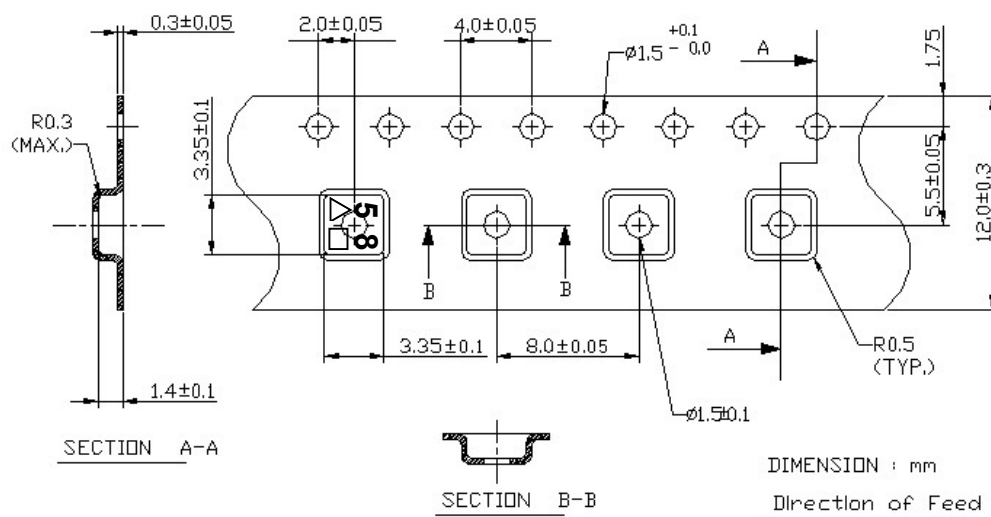
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

