



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: Apr, 20, 2007

Product Name: SAW Filter 923.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0644A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 20, 2007



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SAW Filter 923.5MHz

MODEL NO.:TA0644A

REV. NO.:1

A. MAXIMUM RATING:

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

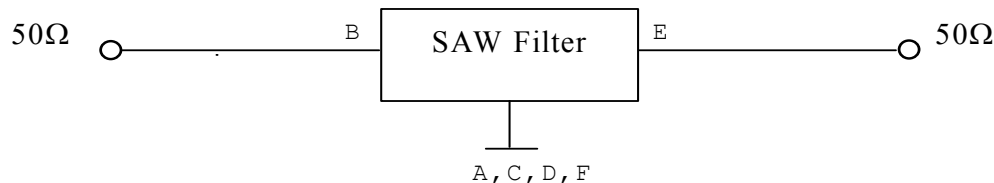
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

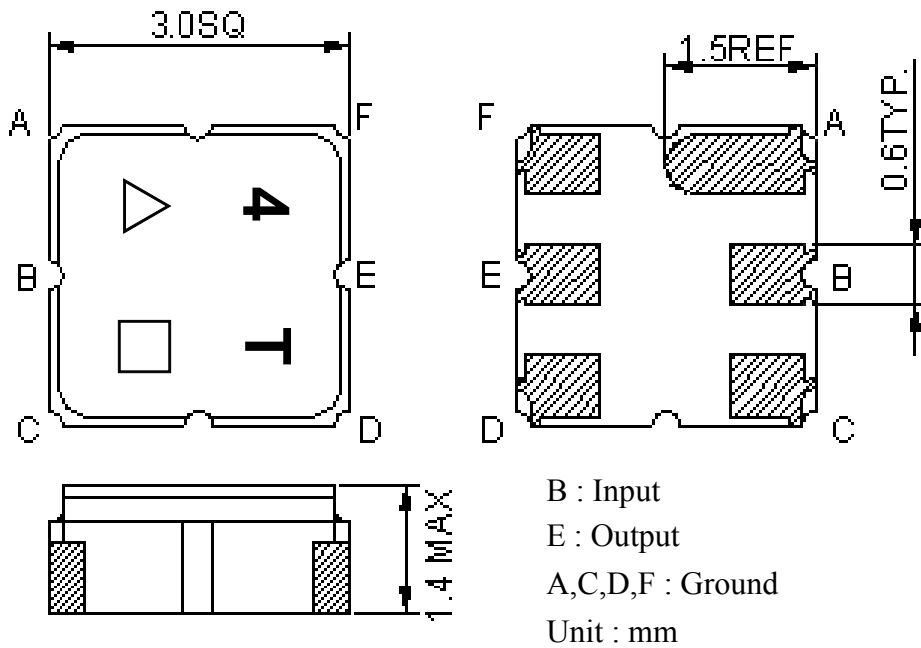
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	923.5	-	-
Insertion Loss (919 ~ 928 MHz) IL	dB	-	2.6	3.5	-
Amplitude Ripple (919 ~ 928 MHz)	dB	-	0.6	3	-
VSWR (919 ~ 928 MHz)		-	1.3	2.2	-
Attenuation (Reference level from 0 dB)					
D.C ~ 880 MHz	dB	30	53	-	-
880 ~ 900 MHz	dB	20	50	-	-
900 ~ 910 MHz	dB	10	24	-	-
940 ~ 1000 MHz	dB	10	34	-	-
1000 ~ 3000 MHz	dB	20	31	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer

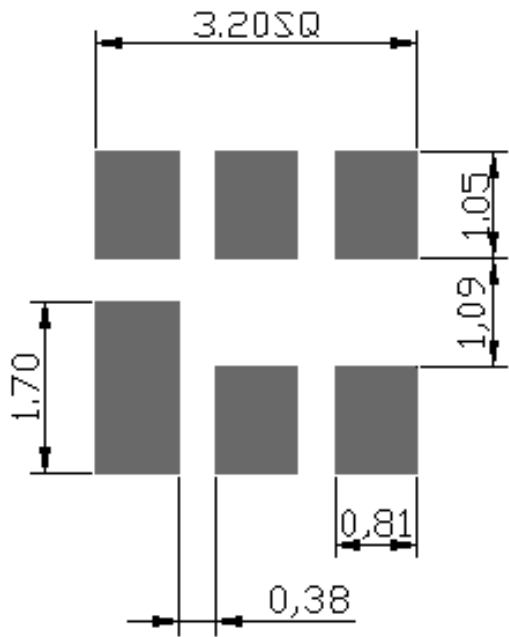


D.OUTLINE DRAWING:

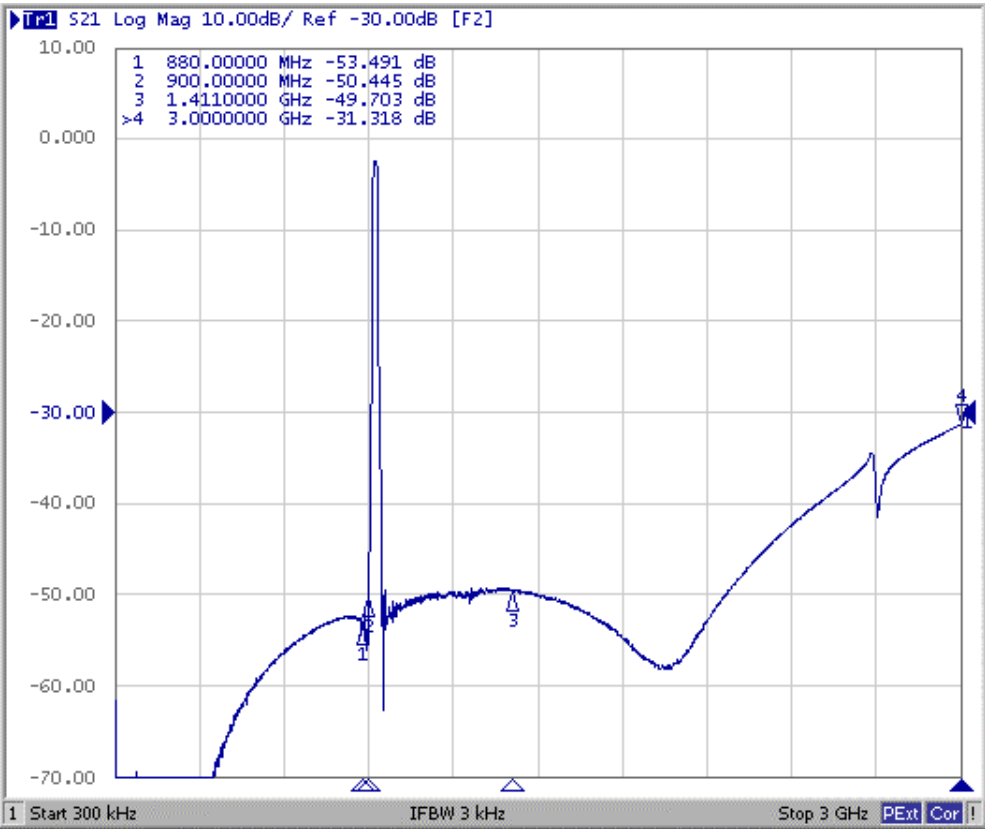
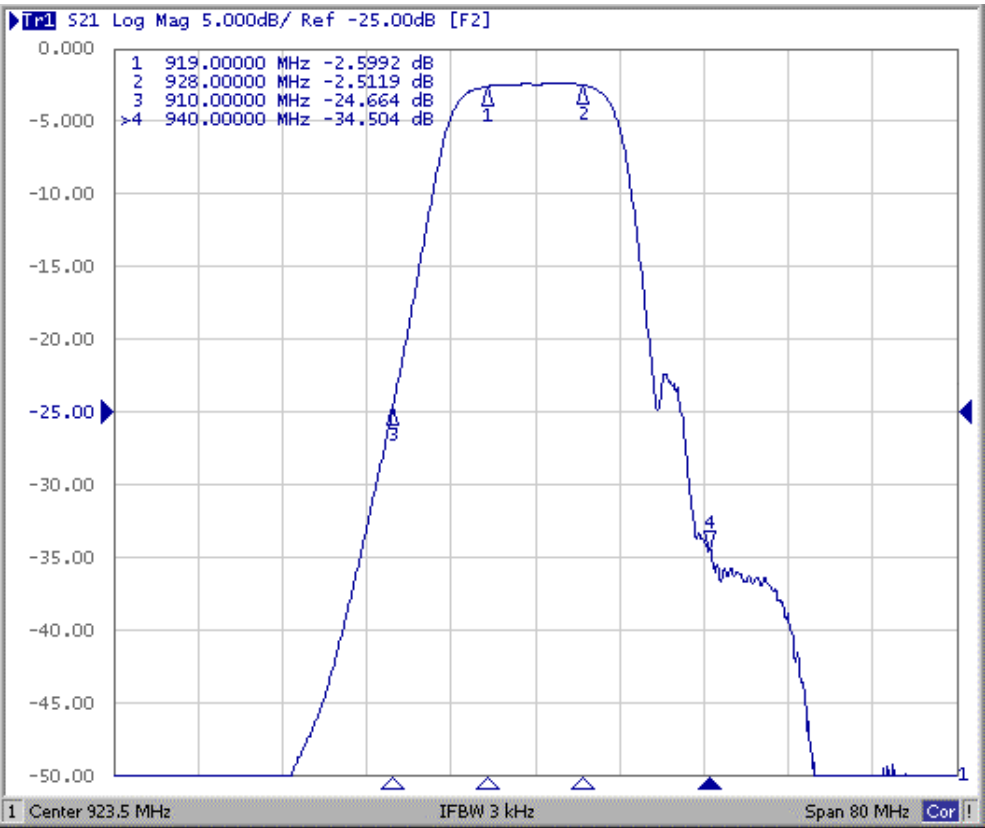


- △ : Year Code (2006->6, ..., 2009->9)
□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:

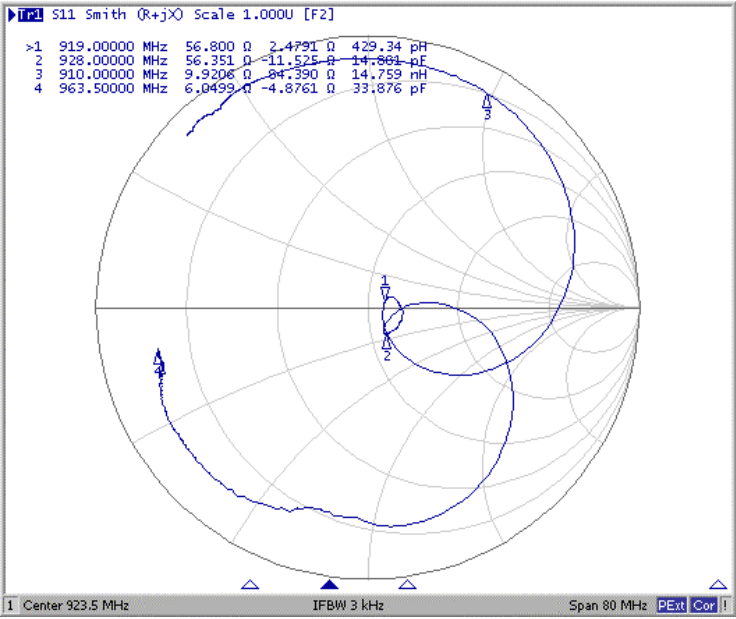
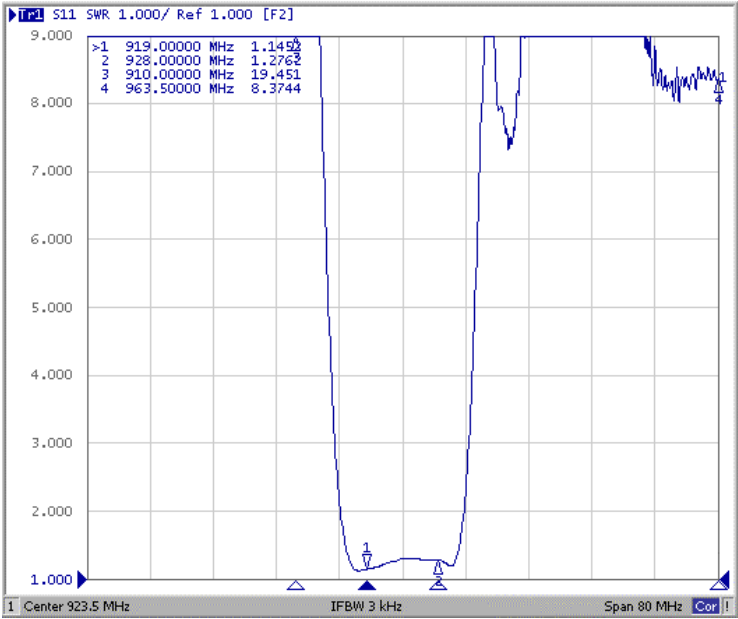


F. Frequency Characteristics :

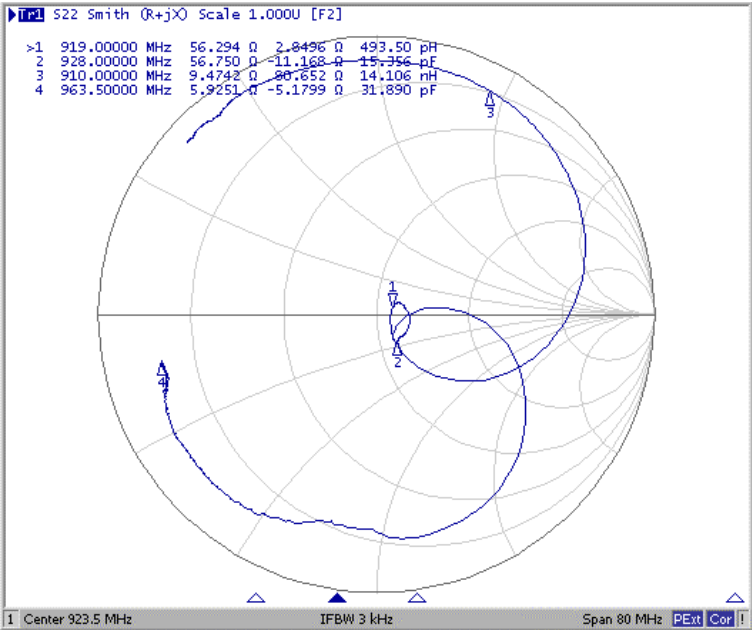
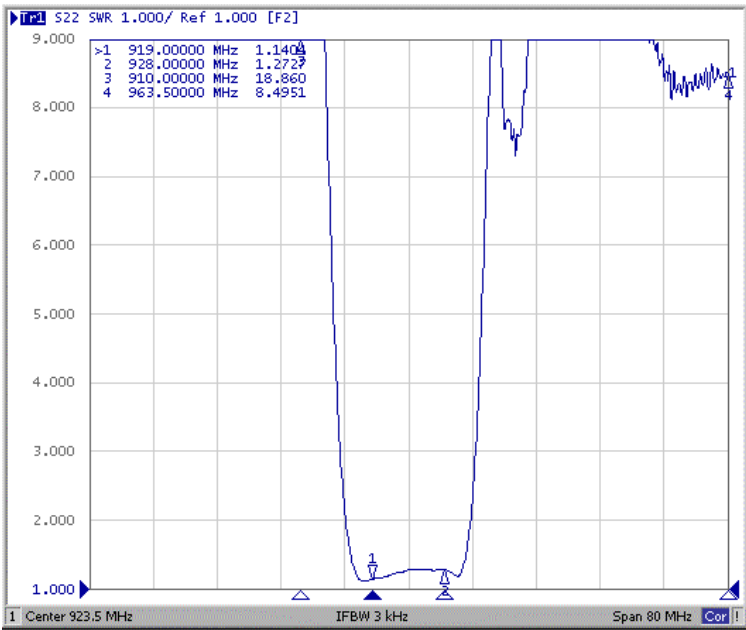


Reflection Functions :

S11



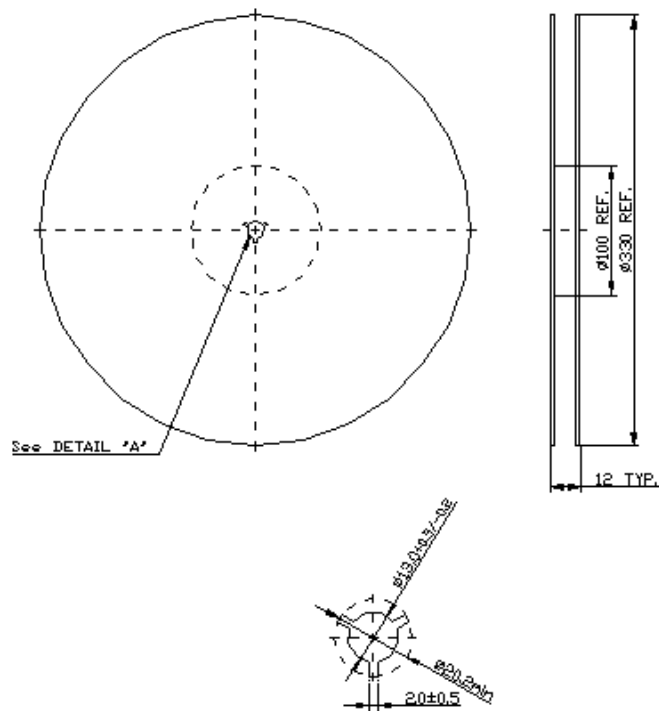
S22



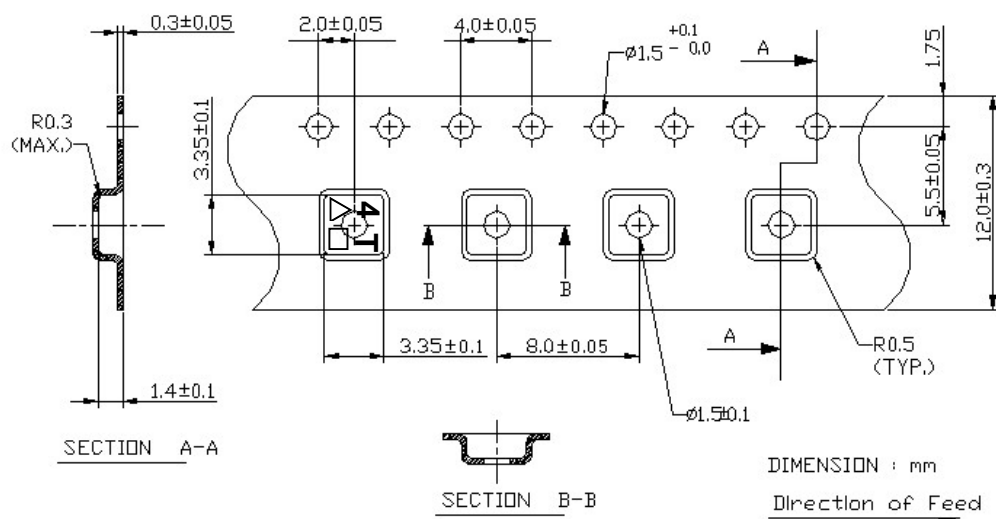
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

