



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: May, 4, 2007

Product Name: SAW Filter 1592.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0676A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 5, 4, 2007



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SAW Filter 1592.5 MHz

MODEL NO.:TA0676A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +70°C
4. Storage Temperature: -55°C to +85°C

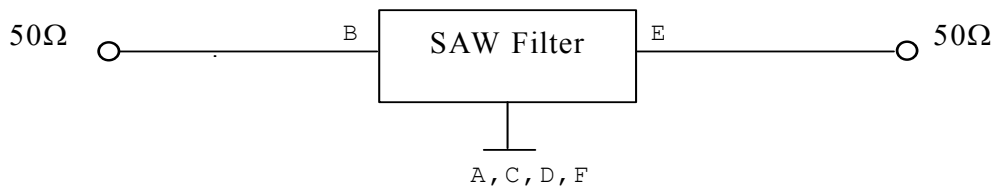
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

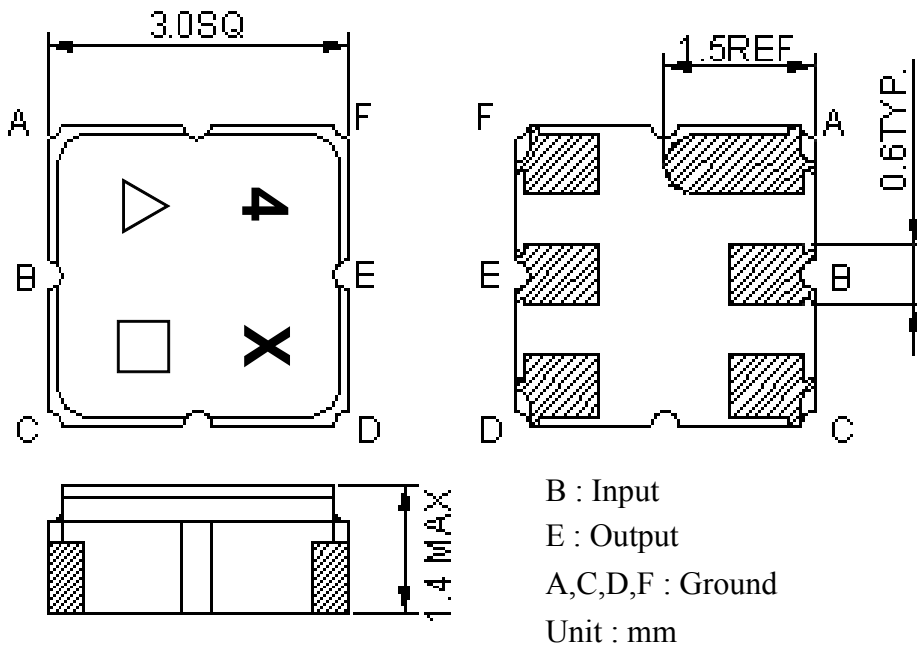
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1592.5	-	-
Insertion Loss (1571 ~ 1614 MHz) IL	dB	-	2.6	3.5	-
Amplitude Ripple (1571 ~ 1614 MHz)	dB	-	1.3	2	-
Bandwidth @ -2dB	dB	43	49	-	-
Bandwidth @ -20dB	dB	-	74	120	-
Bandwidth @ -35dB	dB	-	88	140	-
Attenuation (Reference level from 0 dB)					
D.C. ~ 1522.5 MHz	dB	28	34	-	-
1662.5 ~ 3000 MHz	dB	30	38	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



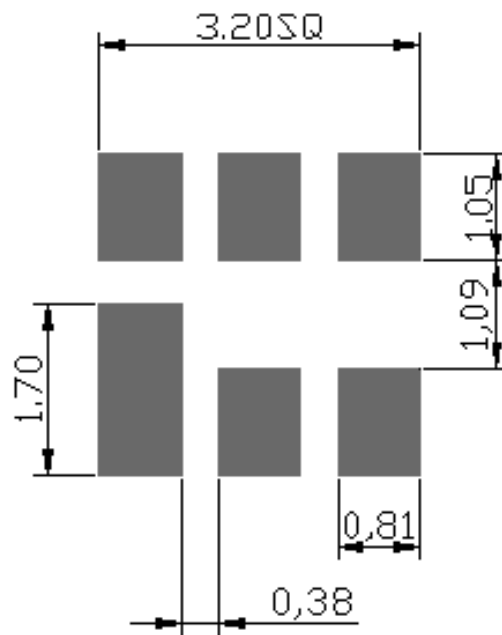
D.OUTLINE DRAWING:



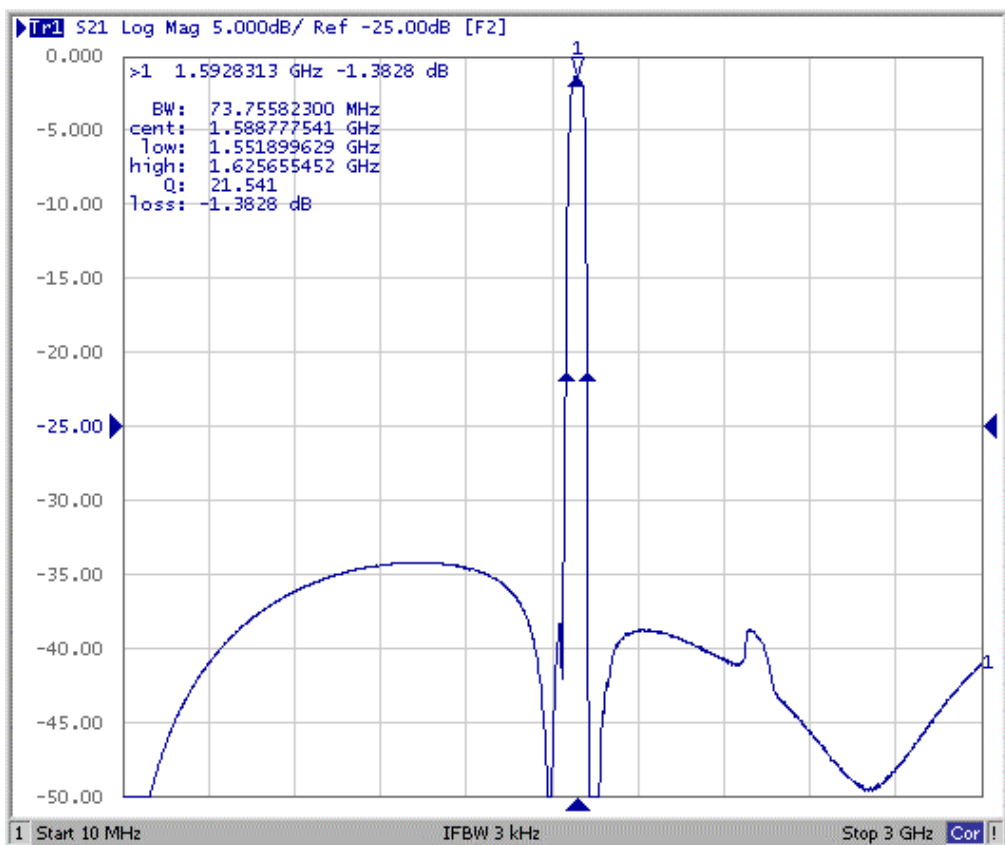
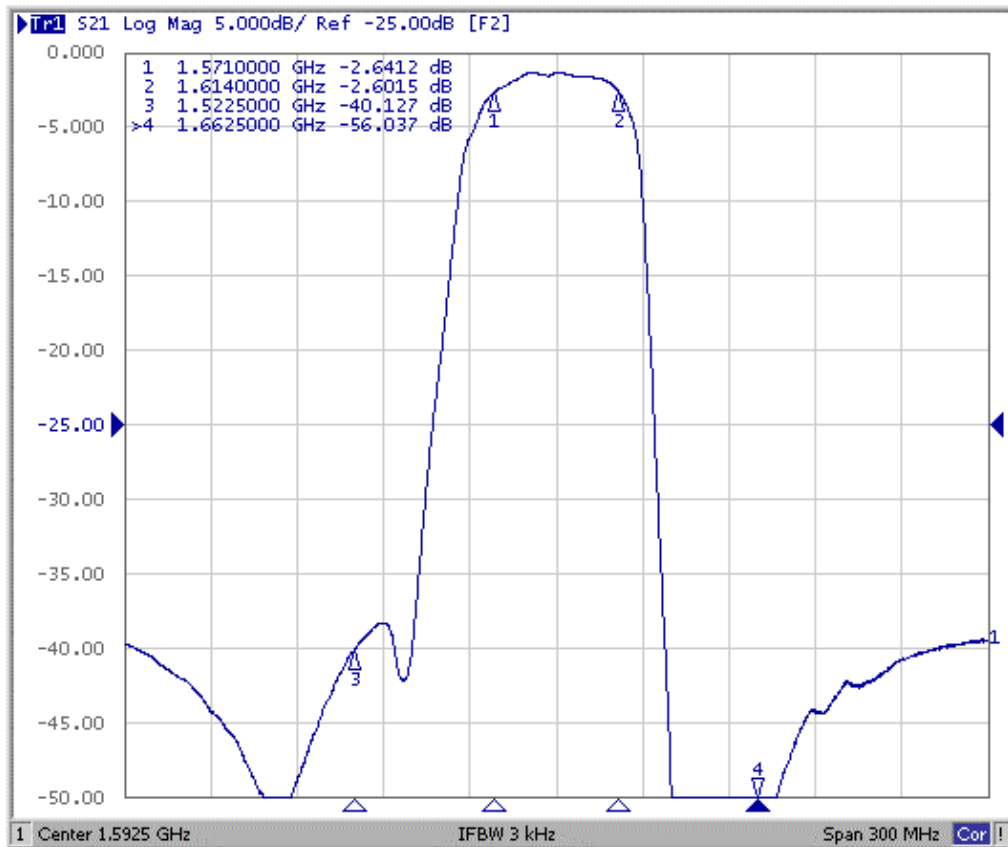
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

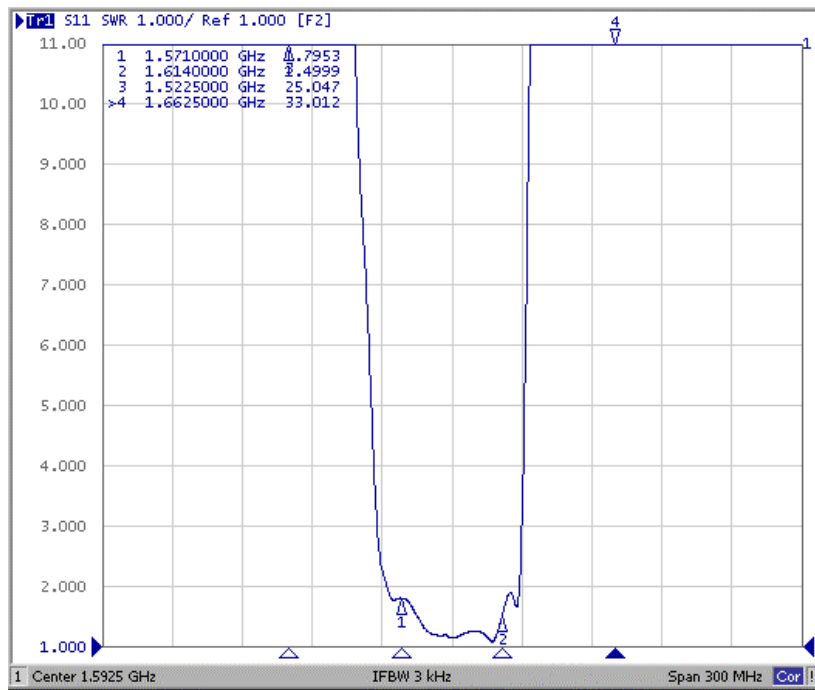


F. Frequency Characteristics :

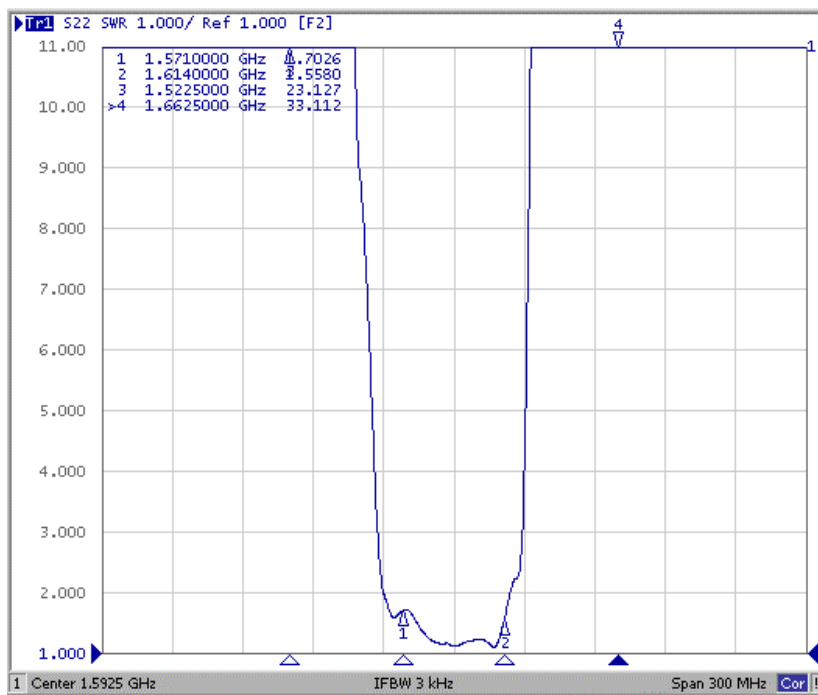


Reflection Functions :

S11



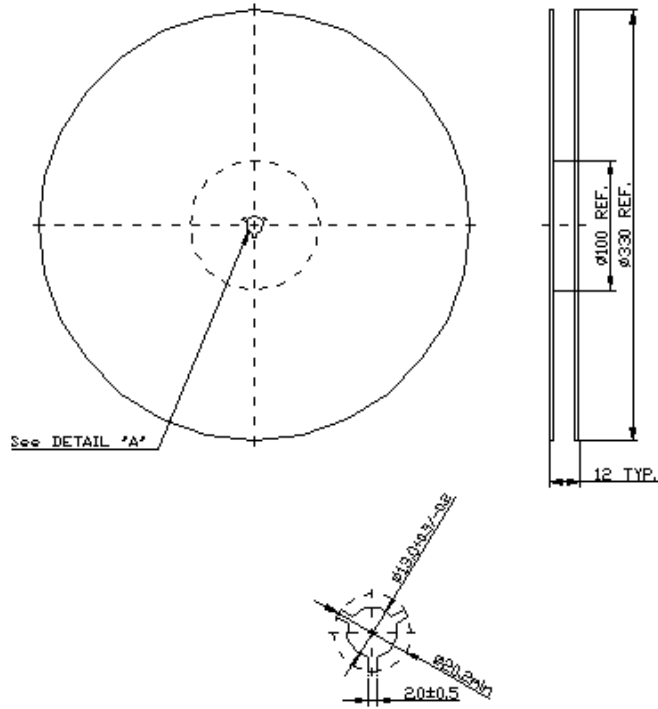
S22



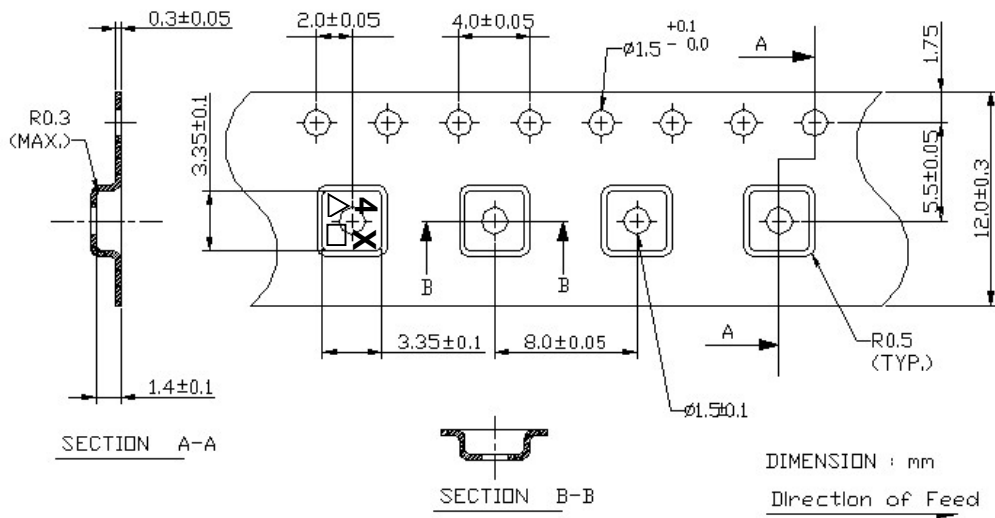
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

