



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: Dec, 27, 2007

Product Name: SAW Filter 1540 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0787A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 12, 27, 2007



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SAW Filter 1540 MHz

MODEL NO.:TA0787A

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

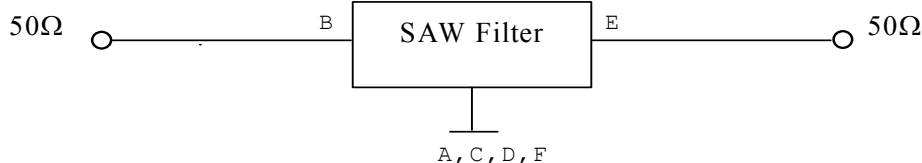
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS: (Ambient temperature : 25°C)

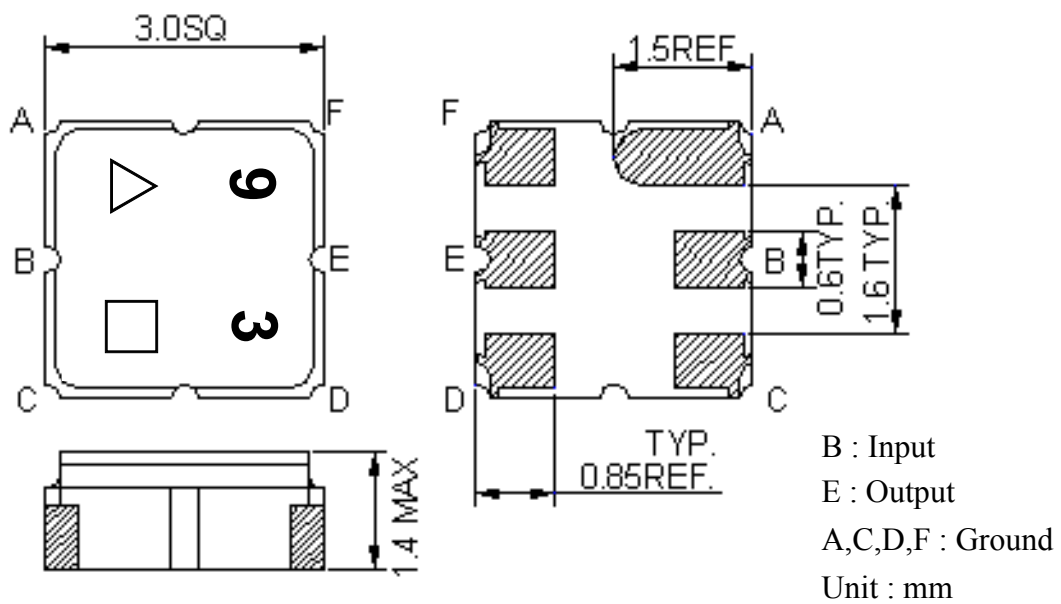
Item	Unit	Min.	Type.	Max.	Note
Center Frequency F_c	MHz	-	1540	-	-
Min. Insertion Loss IL	dB	-	3	5	-
Amplitude Ripple (1533.5 ~ 1546.5 MHz)	dB	-	1	2	-
VSWR (1533.5 ~ 1546.5 MHz)		-	1.8	2.3	-
Group Delay Variation (1533.5 ~ 1546.5 MHz)	ns	-	7	15	
Attenuation (Reference level from 0 dB)					
10 ~ 1490 MHz	dB	35	50	-	-
1567 ~ 1581 MHz	dB	20	43	-	-
1581 ~ 3000 MHz	dB	35	41	-	-
Temperature Coefficient of Frequency		-36 Ppm/°C			

C. MEASUREMENT CIRCUIT:

HP Network analyzer



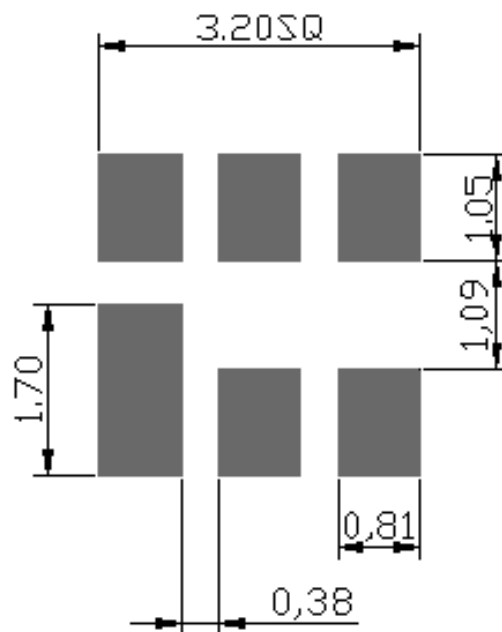
D.OUTLINE DRAWING:



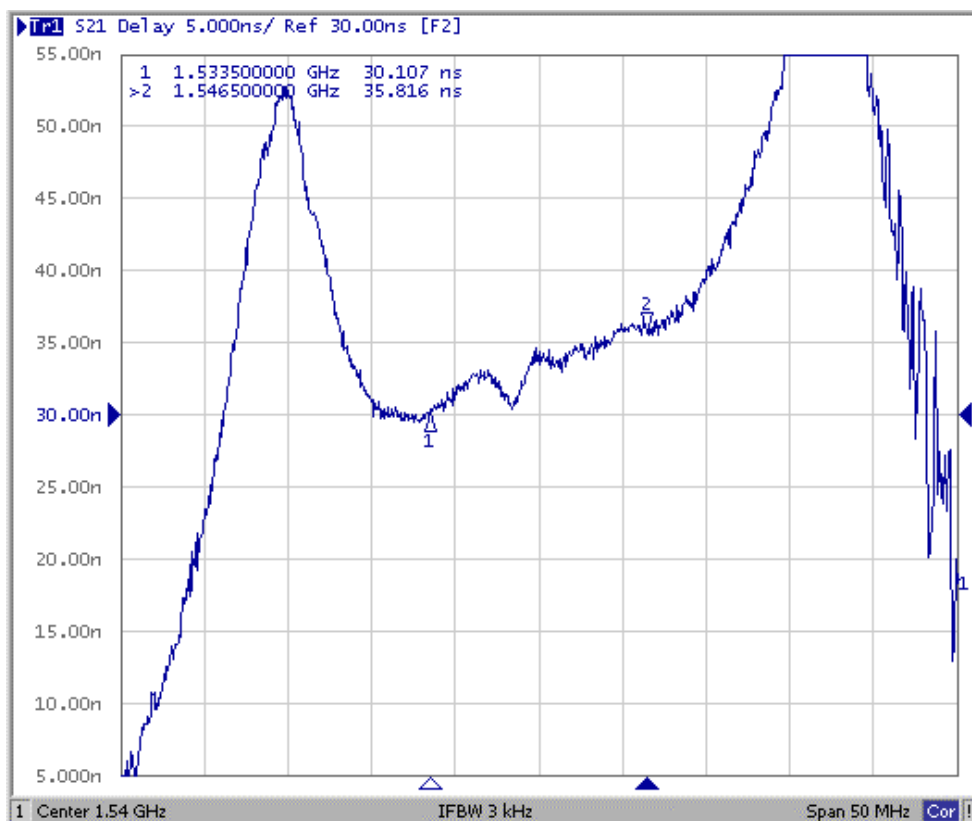
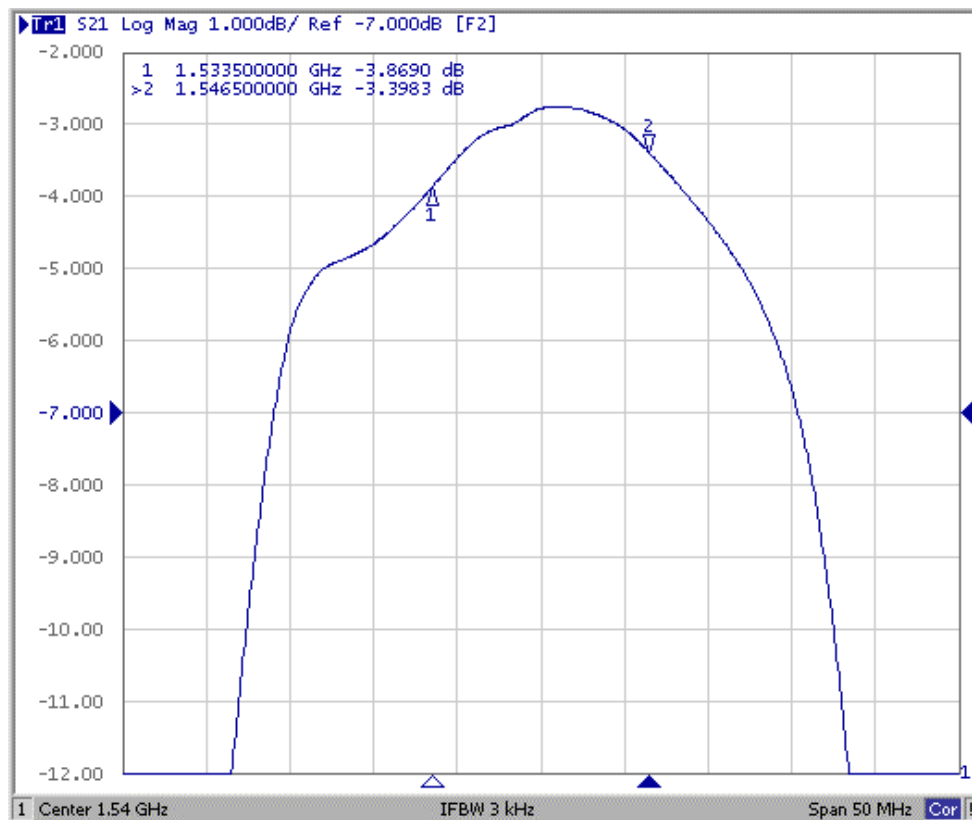
△ : Year Code (2006->6, ..., 2009->9)

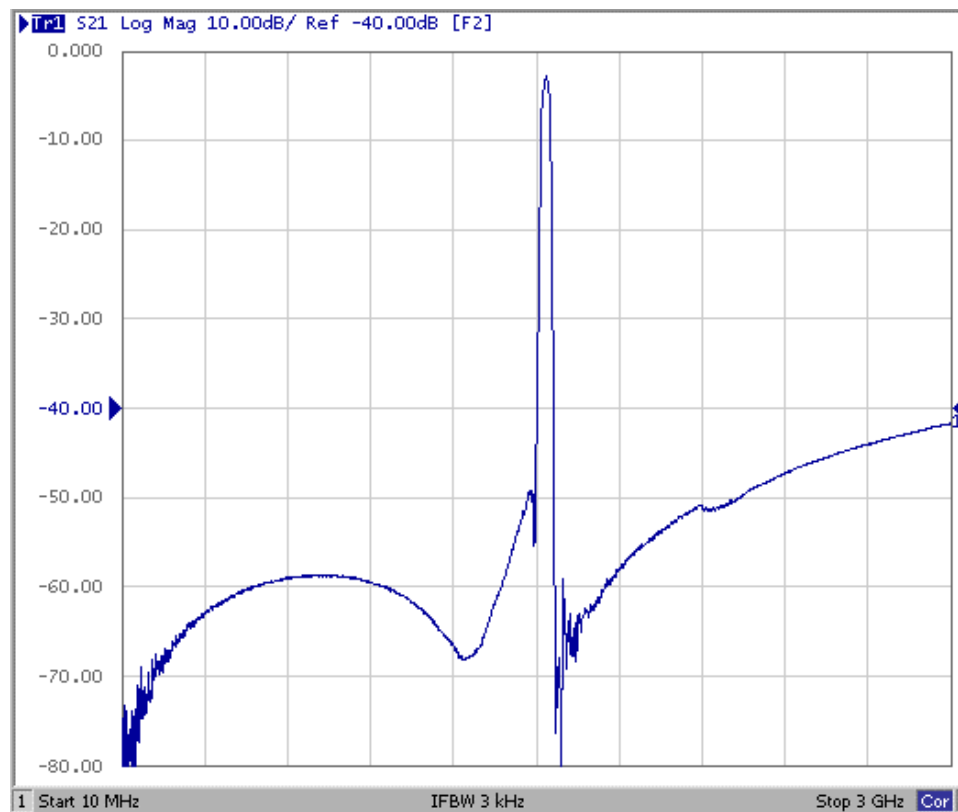
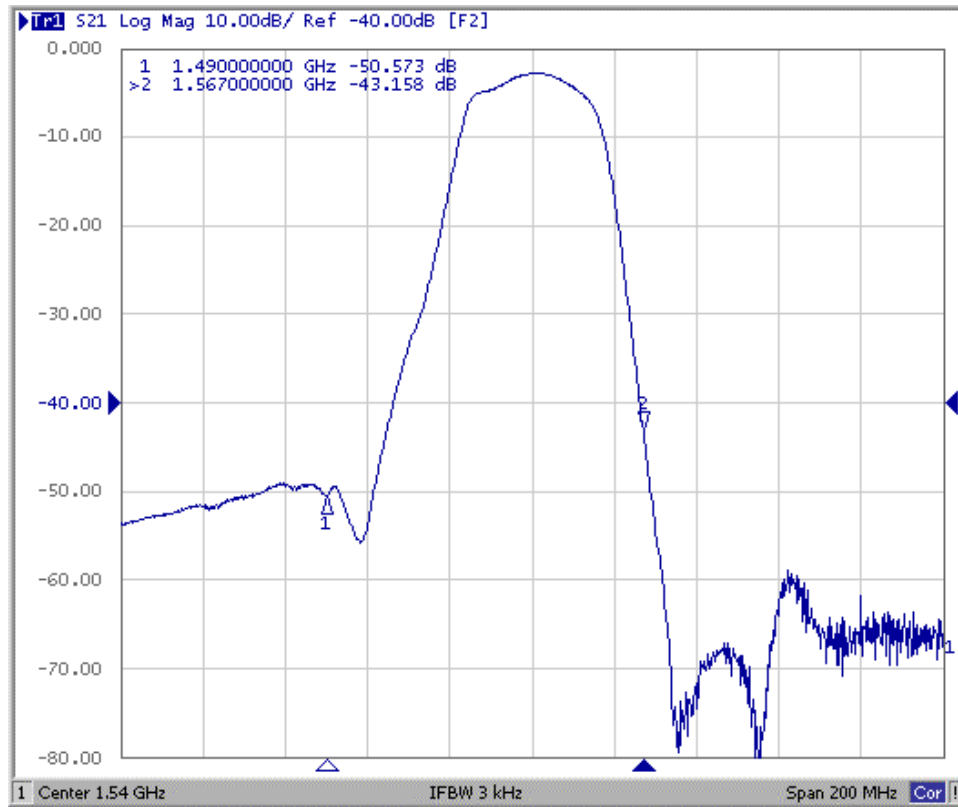
□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:



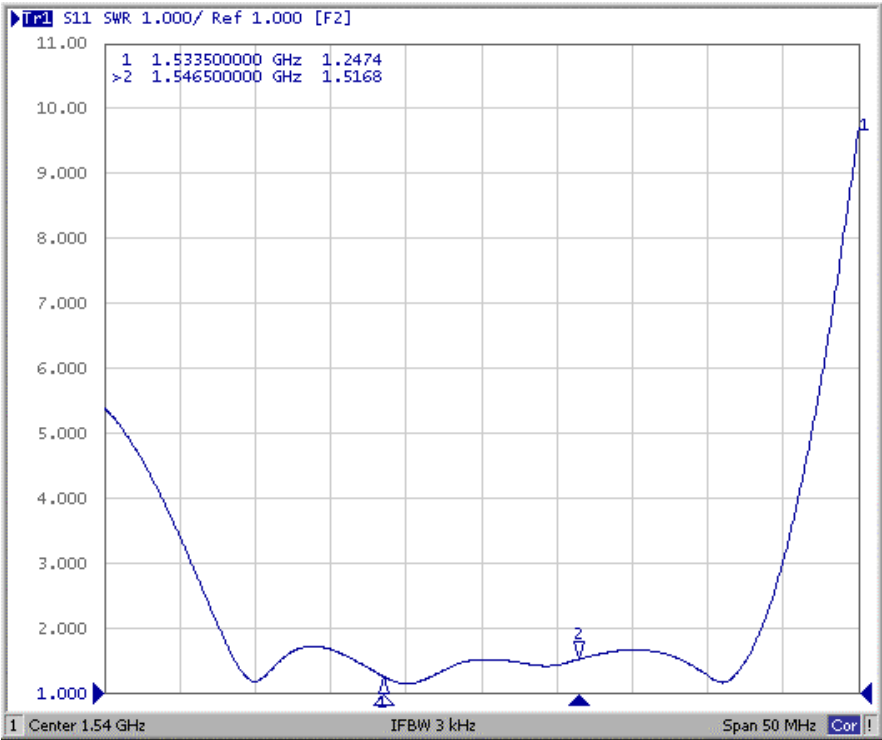
F. Frequency Characteristics :



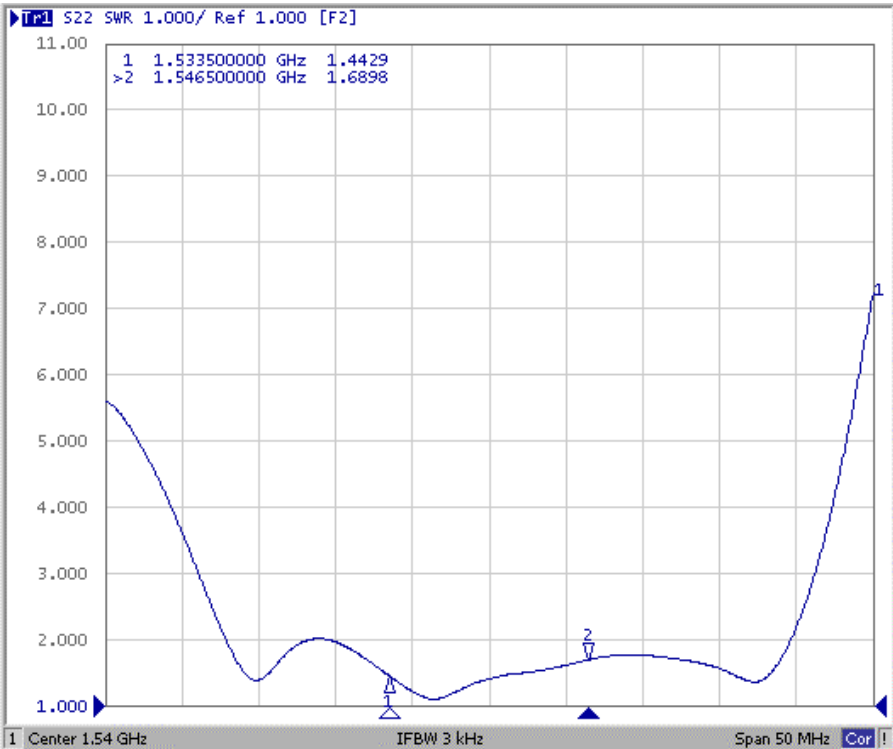


Reflection Functions :

S11



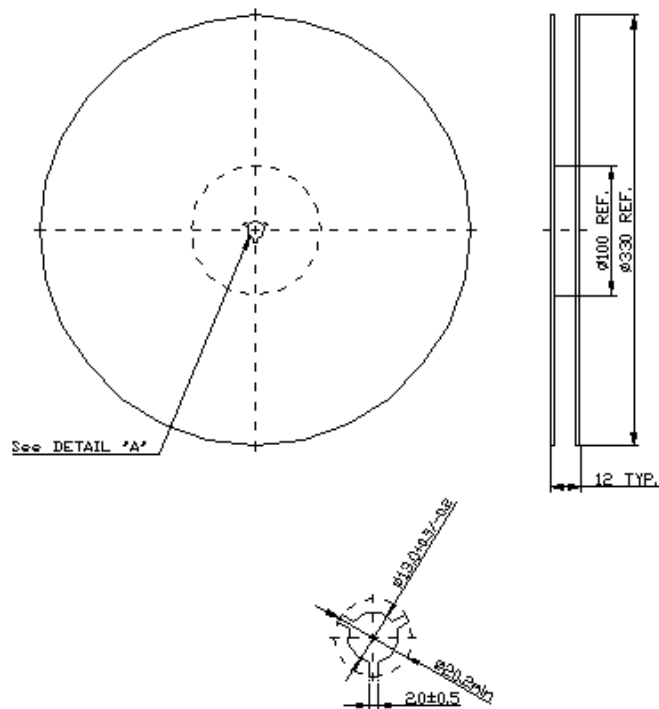
S22



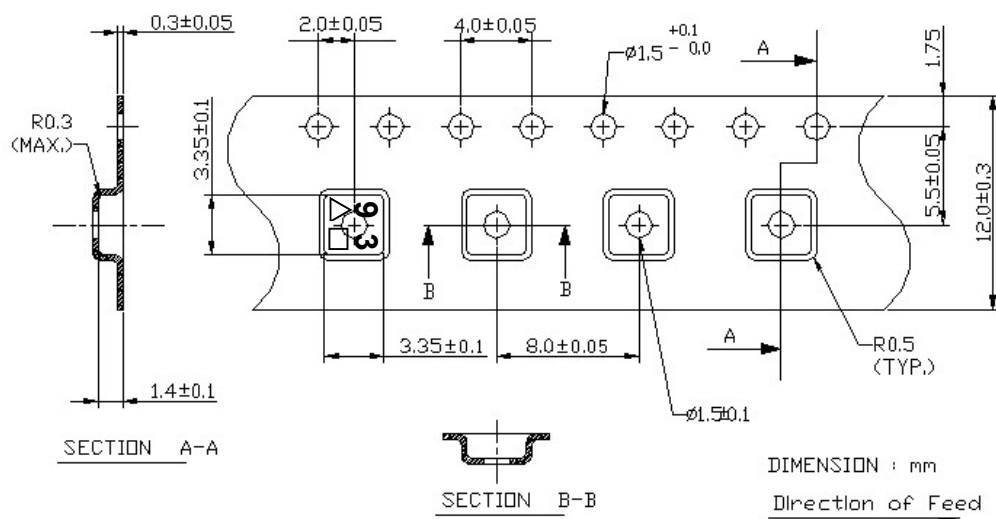
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

