



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: February, 16, 2007

Product Name: SAW Filter 1932.5MHz SMD 3.0 mm

TST Parts No.: :TA0652A

Customer Parts No.: _____

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

Checked by: _____ Paul Ni

Approval by: _____ Francis chen

Date: _____ 02, 16, 2007



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SAW Filter 1932.5 MHz

MODEL NO.: TA0652A

REV. NO : 1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

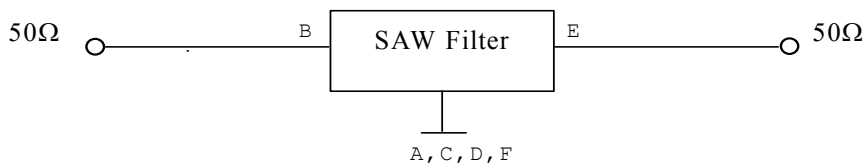
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

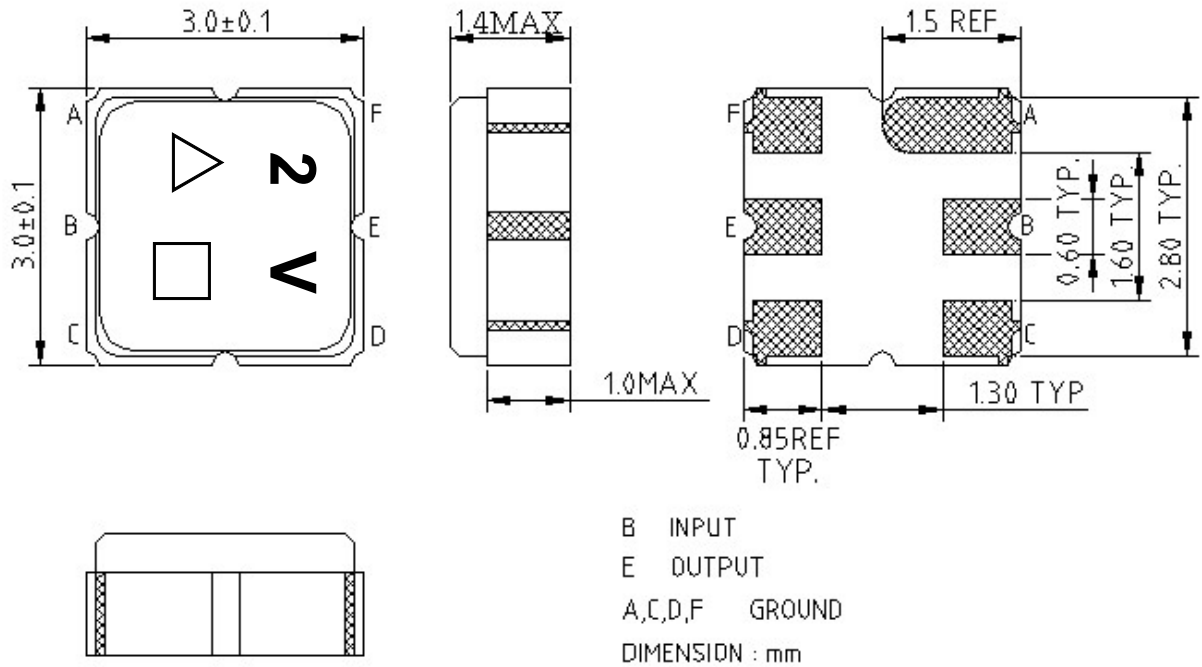
Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	1932.5	-
Insertion loss within 1925 ~1940 MHz IL (dB)	-	1.7	4
Amplitude ripple (p-p) within 1925 ~ 1940 MHz (dB)	-	0.6	2.5
Attenuation (Reference level from 0 dB)			
D.C. ~ 1820 MHz (dB)	20	30	-
1820 ~ 1880 MHz (dB)	10	19	-
1990 ~ 2030 MHz (dB)	8	20	-
2030 ~ 2060 MHz (dB)	20	40	-
2060 ~ 4000 MHz (dB)	20	30	-
VSWR within 1925 ~1940 MHz	-	1.4	2.5
Source impedance Z _s (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



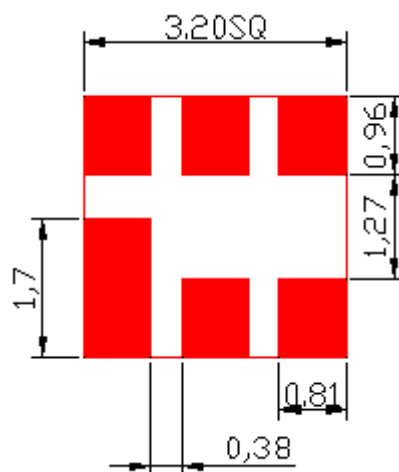
D.OUTLINE DRAWING:



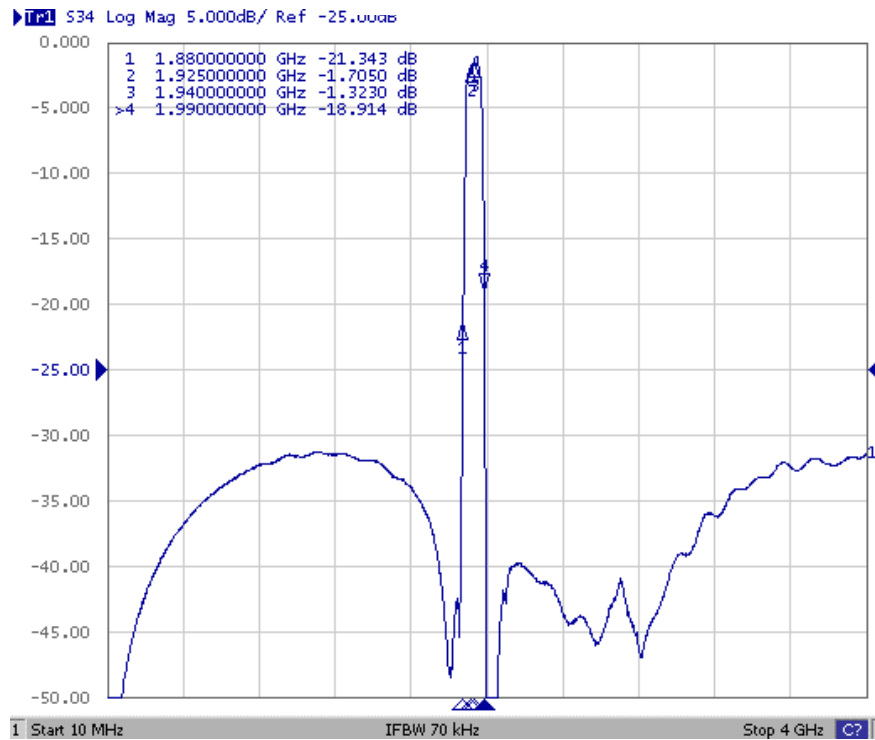
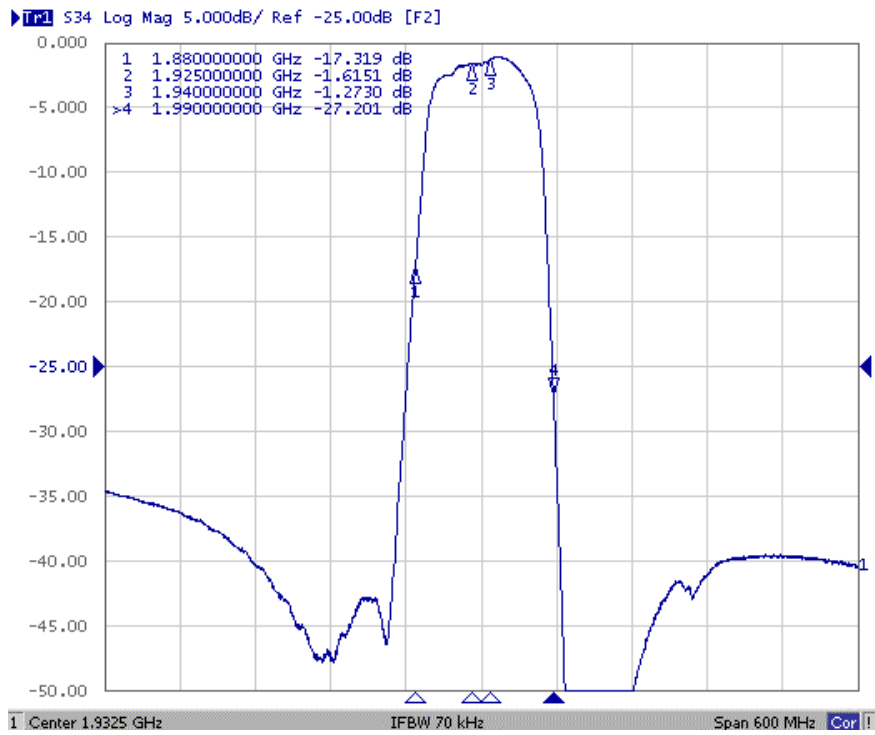
△ : Year Code(2007→7, ...2009→9)

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

E. PCB Footprint :

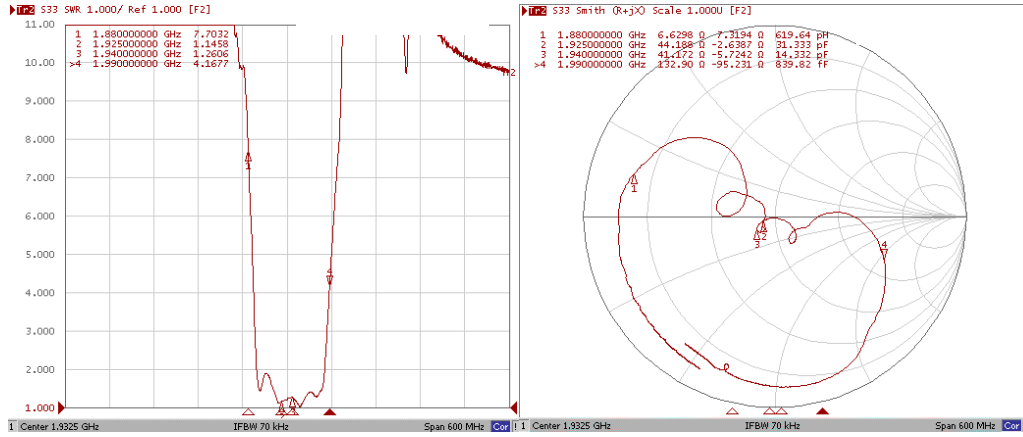


F. Frequency Characteristics : Transfer function

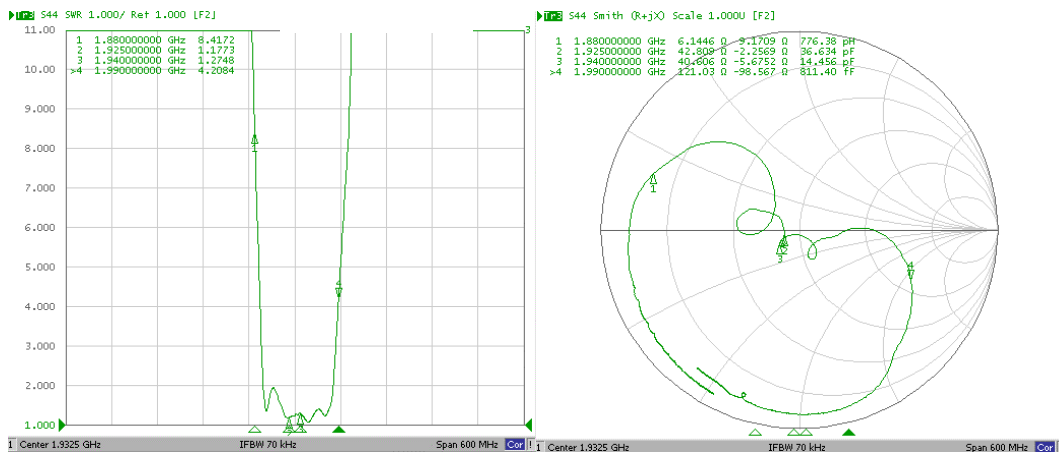


Reflections Functions :

S11 VSWR

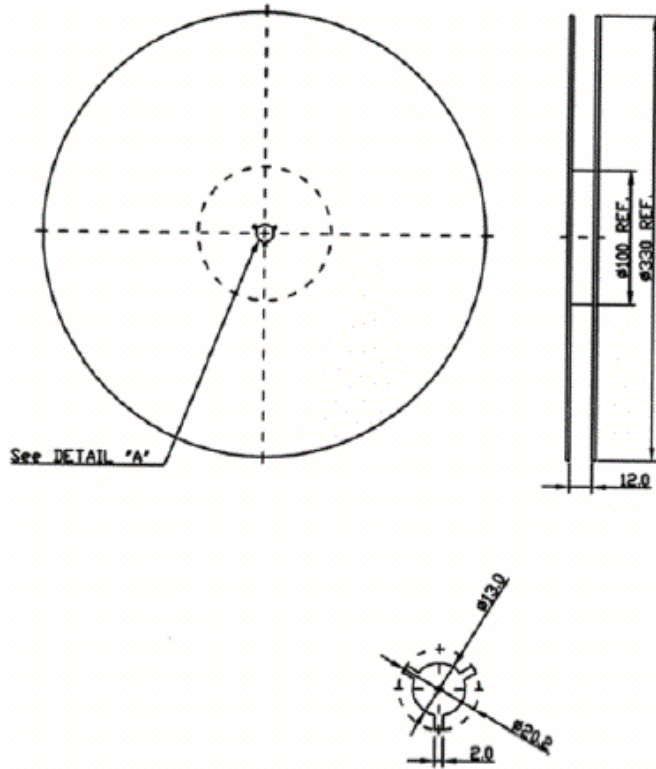


S22 VSWR

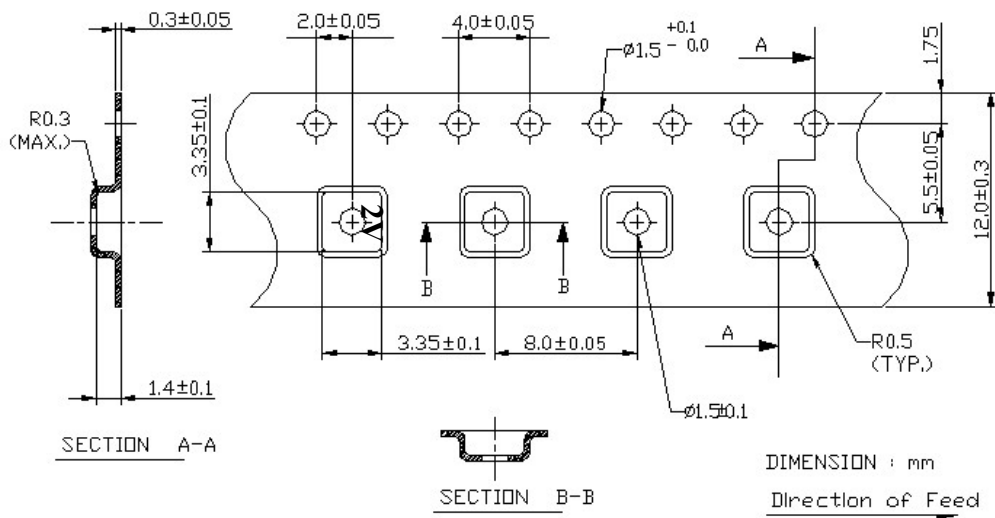


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

