



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: Jan, 5, 2005

Product Name: SAW Filter 2332.5 MHz SMD 3X3 mm

TST Parts No.:TA0273A

Customer Parts No.:_____

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

Checked by:_____ Bob Chau

Approval by:_____ Francis Chen

Date:_____ 1, 5, 2005



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SAW Filter 2332.5 MHz

MODEL NO.: TA0273A

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 0 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

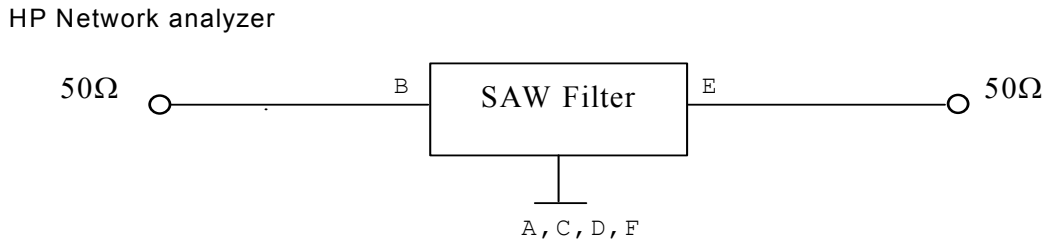
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

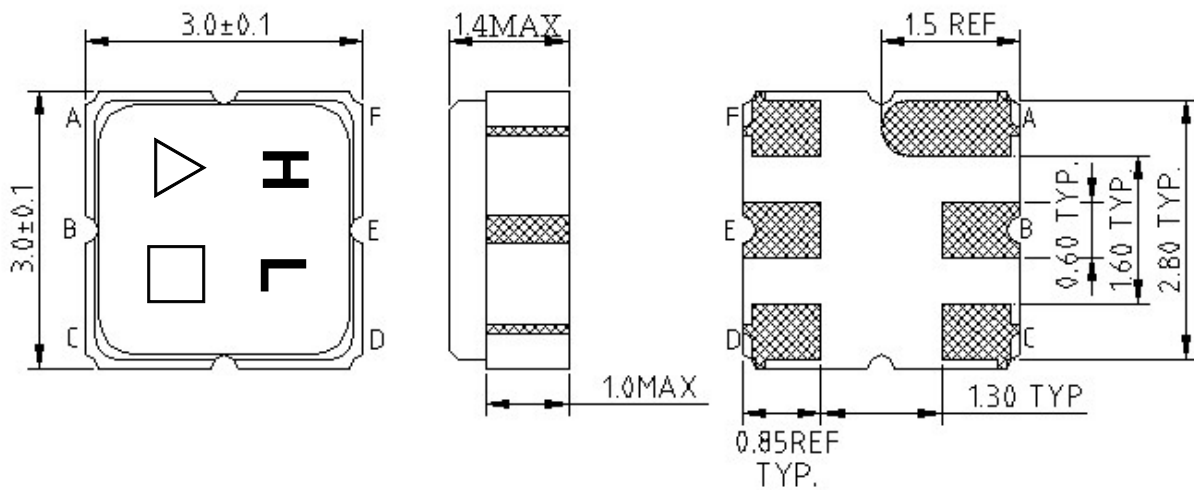
Item		Min.	Typ.	Max.
Center frequency	F_c (dB)	-	2332.5	-
Insertion loss (2320~2345 MHz)	IL (dB)	-	2.1	4.0
Amplitude ripple (2320~2345 MHz)	(dB)	-	0.7	2.0
Group delay ripple (2320~2345 MHz)	(ns)	-	5	50
Attenuation (Reference level from 0 dB)				
D.C. ~ 2175	MHz (dB)	40	42	-
2227	MHz (dB)	27	43	-
2400	MHz (dB)	12	45	-
2426	MHz (dB)	17	54	-
2500	MHz (dB)	27	50	-
2526	MHz (dB)	32	50	-
2700 ~ 3500	MHz (dB)	30	35	-
VSWR (2320~2345 MHz)		-	1.2	2.5
Source impedance	Z _s (Ω)	-	50	-
Load impedance	Z _L (Ω)	-	50	-

Note1. The standard definitions is in JIS C 6703

C. MEASUREMENT CIRCUIT:



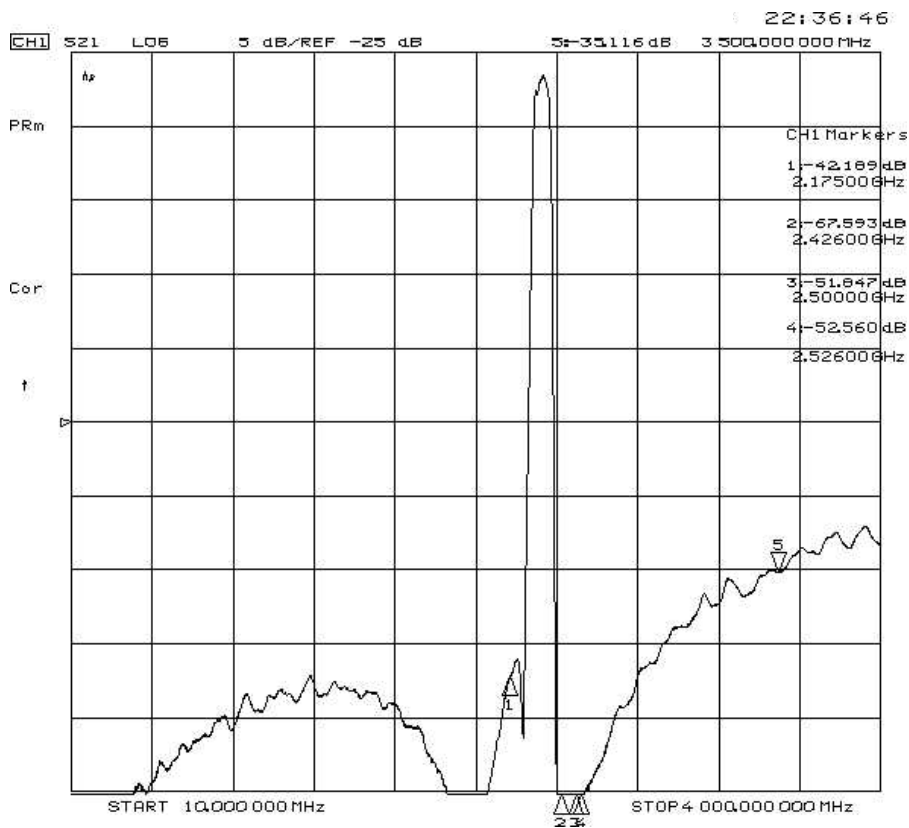
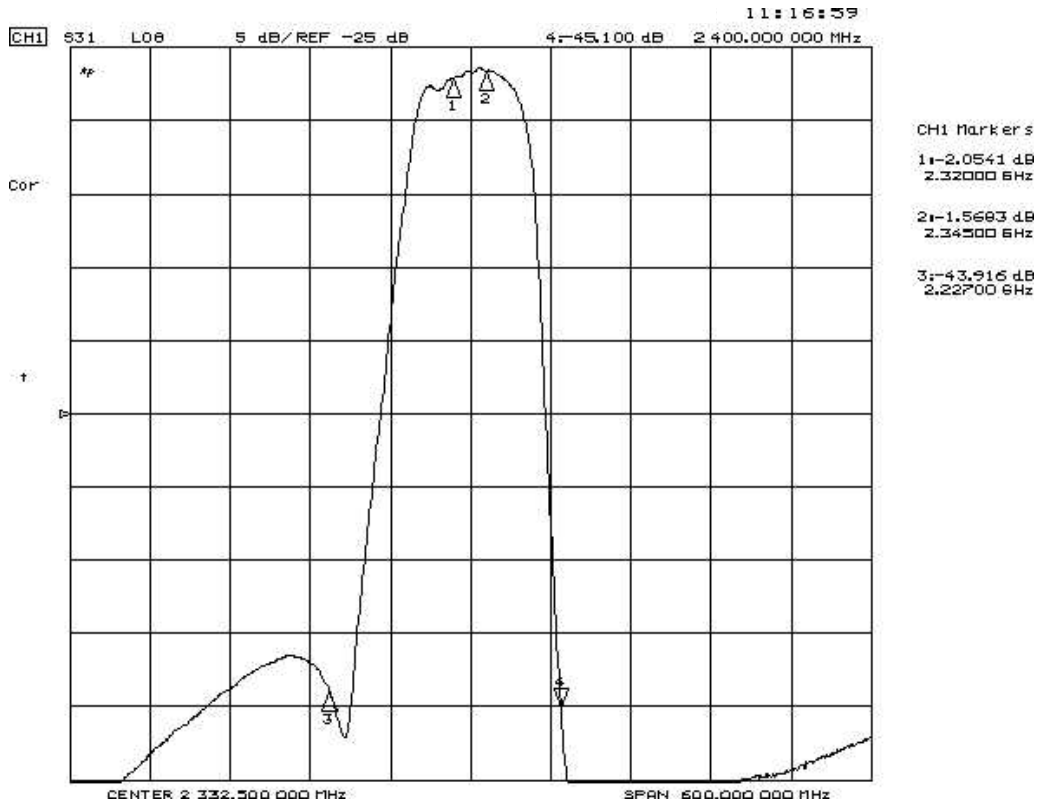
D. OUTLINE DRAWING:



B INPUT
 E OUTPUT
 A,C,D,F GROUND
 DIMENSION : mm

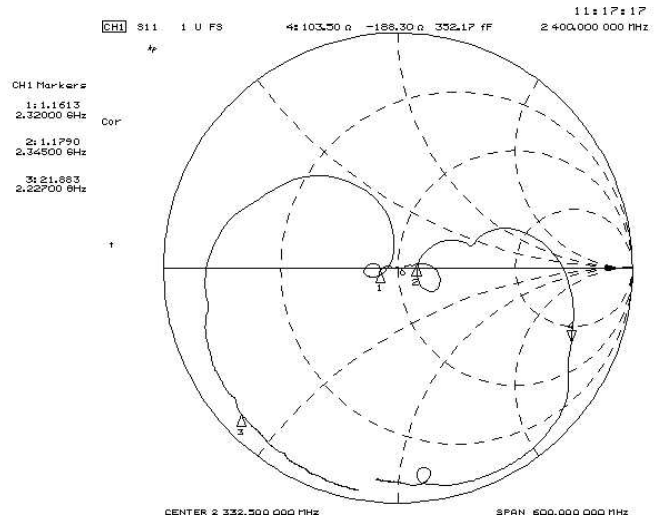
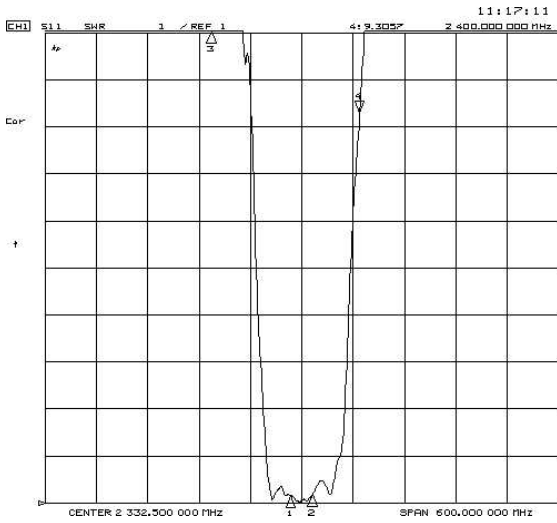
△ : Year Code
 □ : Date Code

E. Frequency Characteristics : Transfer function



Reflections Functions :

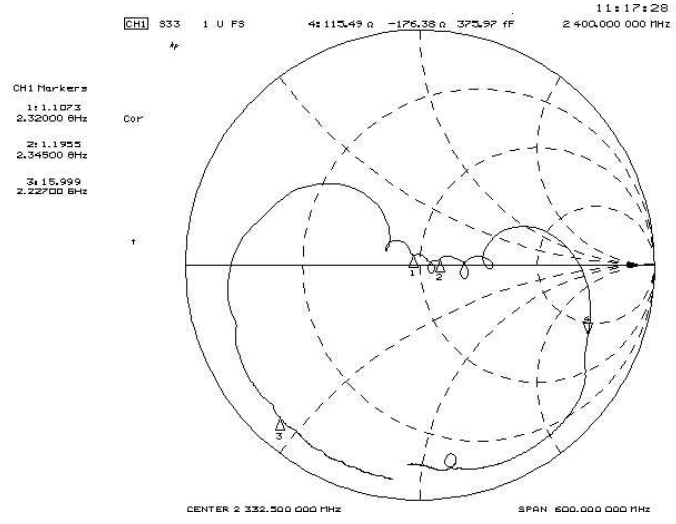
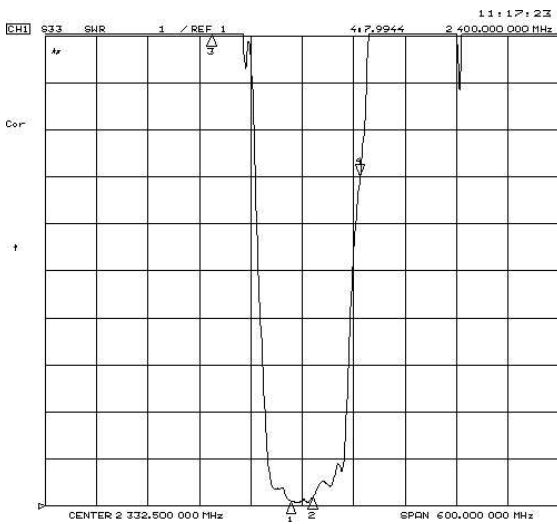
S11 VSWR



CHI Markers

1	43.099 n
2	-785.16 n0
3	2.32000 GHz
4	2.59.707 n
5	2.00000 n
6	2.34500 GHz
7	2.6377 n
8	-13.641 n
9	2.22700 GHz

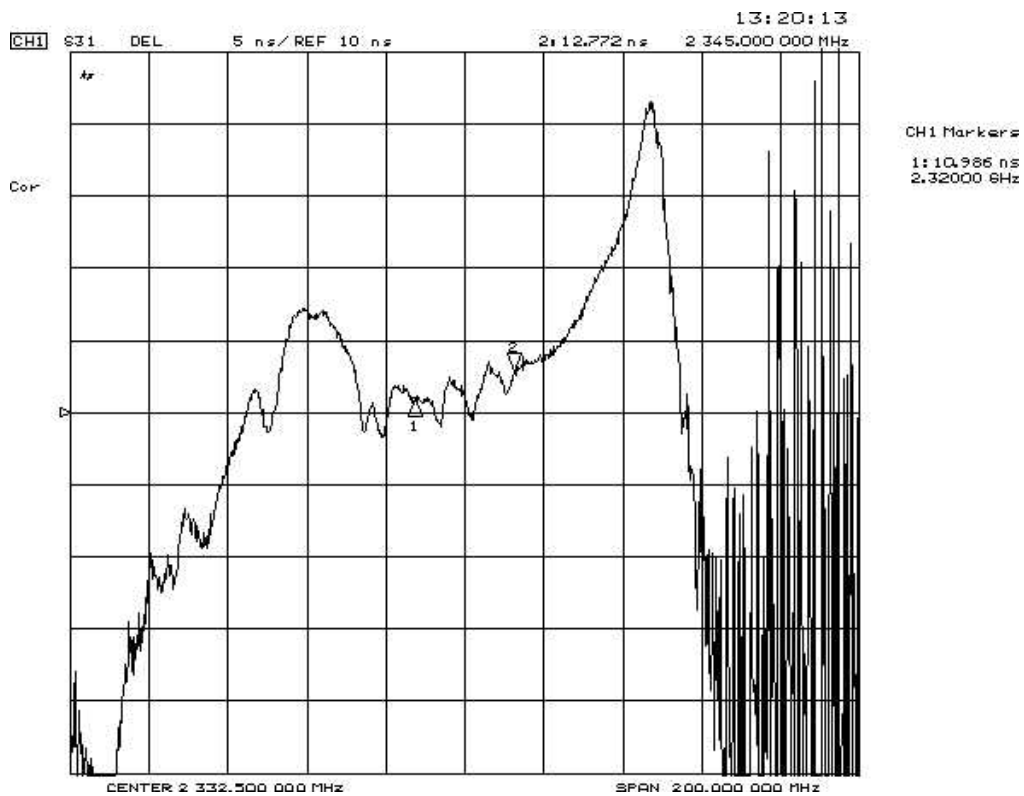
S22 VSWR



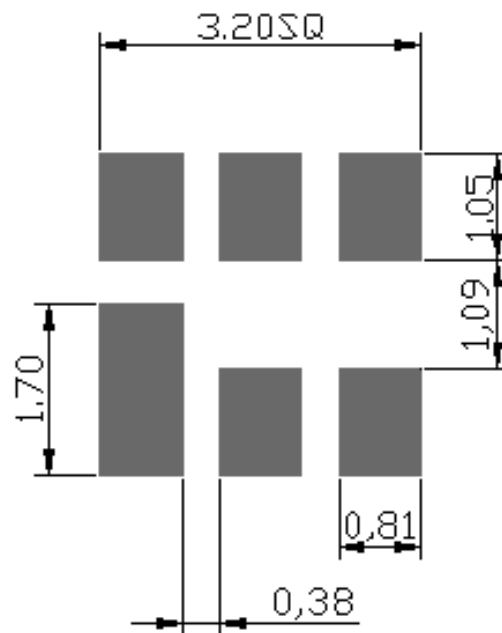
CHI Markers

1	47.096 n
2	3.9922 n
3	2.32000 GHz
4	2.59.291 n
5	2.9821 n
6	2.34500 GHz
7	3.7324 n
8	-21.924 n
9	2.22700 GHz

Group Delay :

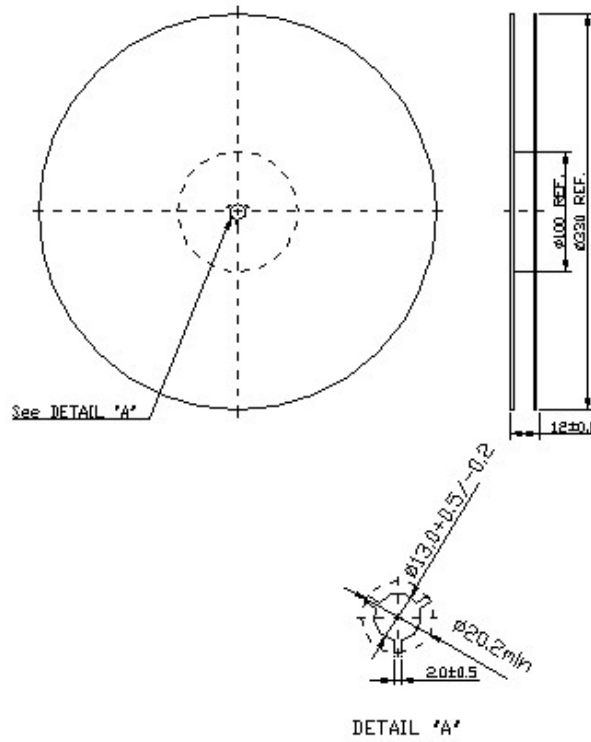


F. PCB Footprint:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

