



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: April, 14, 2006

Product Name: SAW Filter 881.5MHz

TST Parts No.:TA0571A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Bob Chau

Approval by:_____ Francis Chen

Date:_____ 2006/04/14



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SAW Filter 881.5 MHz

MODEL NO.: TA0571A

REV. NO.:1

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

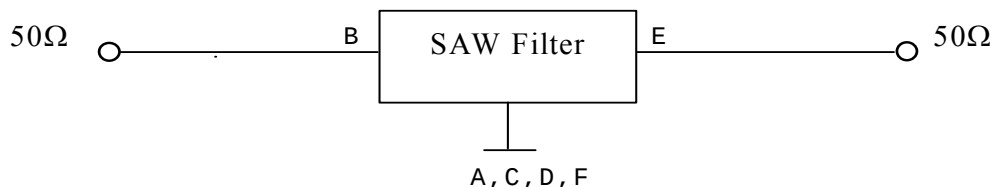
B. ELECTRICAL CHARACTERISTICS:

Item				Min.	Typical	Max.
Center frequency		Fc	MHz	-	881.5	-
Insertion loss	869 ~ 894 MHz	IL	(dB)	-	2.3	3.0
Amplitude ripple	869 ~ 894 MHz		(dB)	-	0.8	1.5
Attenuation (Reference level from 0 dB)						
D.C. ~ 824 MHz			(dB)	40	54	-
824 ~ 849 MHz			(dB)	35	46	-
970 ~ 997 MHz			(dB)	35	66	-
997 ~ 1150 MHz			(dB)	40	70	-
1150 ~ 1500 MHz			(dB)	30	62	-
1500 ~ 2000 MHz			(dB)	25	48	-
2000 ~ 3000 MHz			(dB)	20	30	-
VSWR	869 ~ 894 MHz			-	1.9	2.3
Source impedance		Zs	(Ω)	-	50	-
Load impedance		ZL	(Ω)	-	50	-

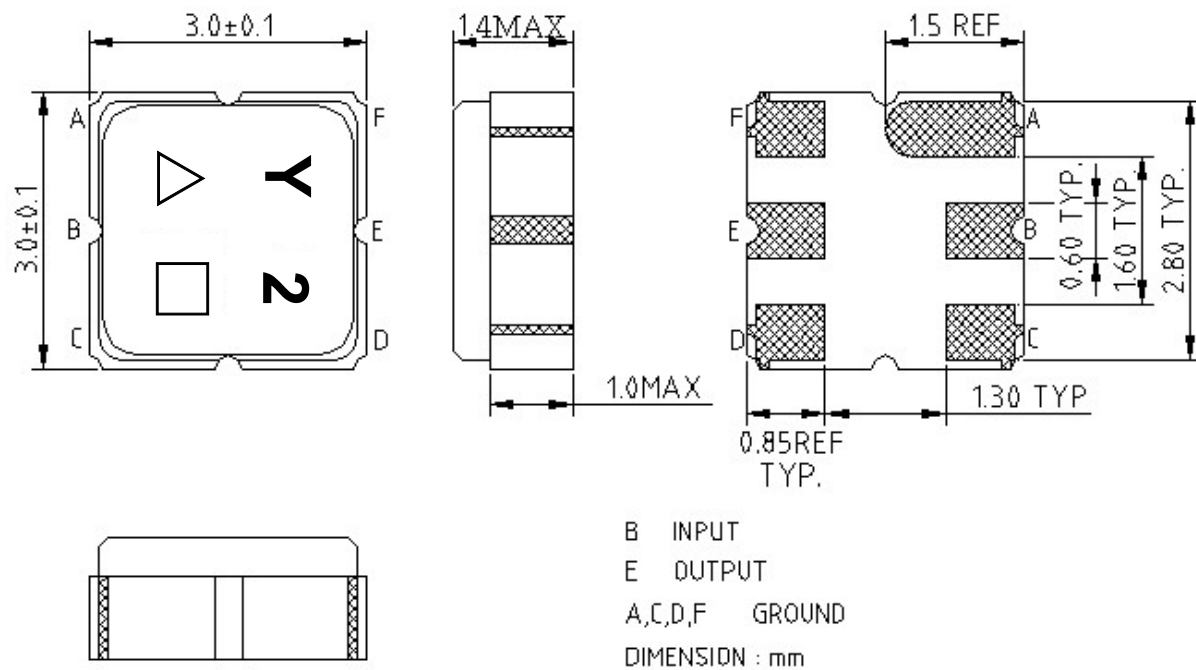
Note1. No matching network required for operation at 50 Ω

C. MEASUREMENT CIRCUIT:

HP Network analyzer



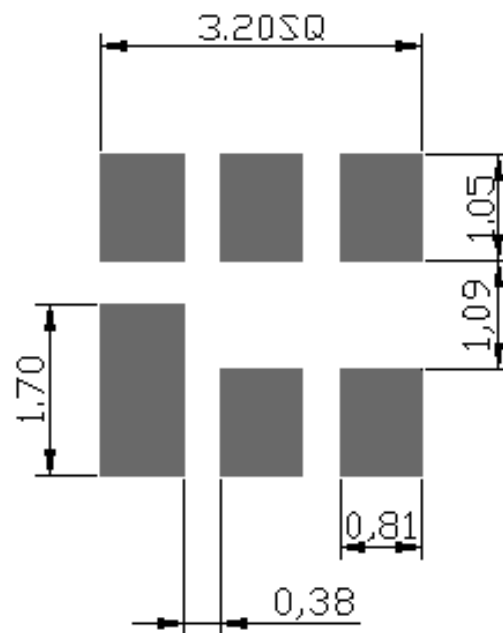
D.OUTLINE DRAWING:



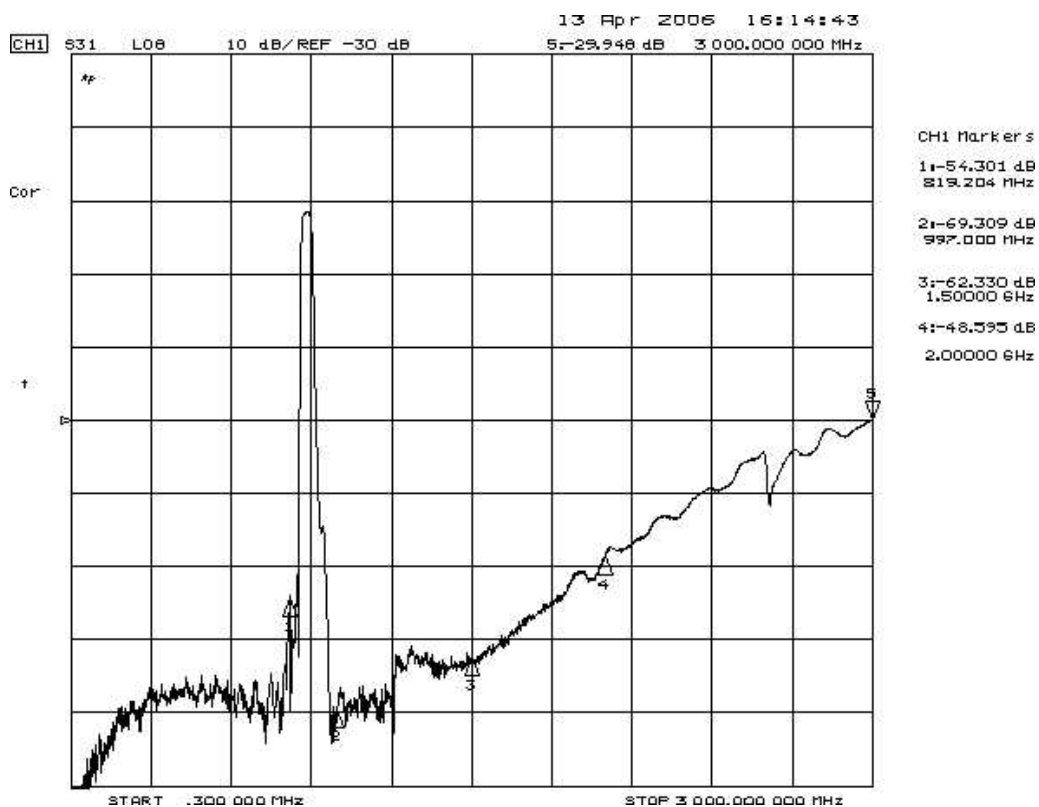
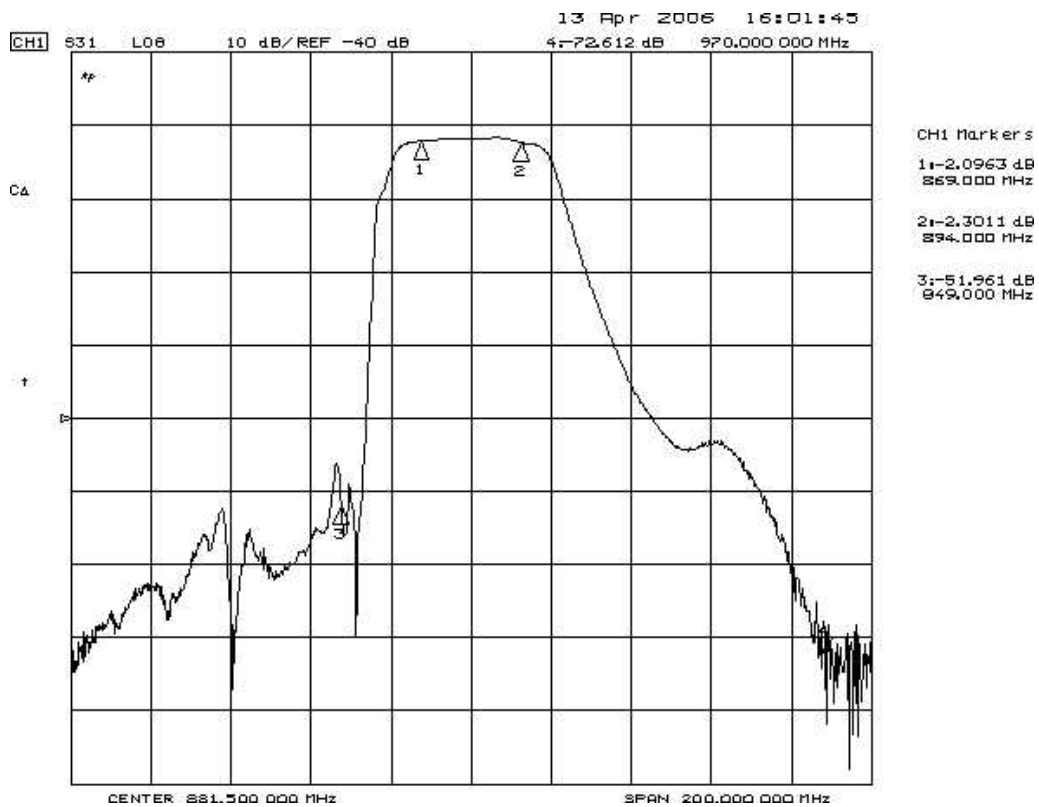
△ : Year Code (2006->6, ..., 2009->9)

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

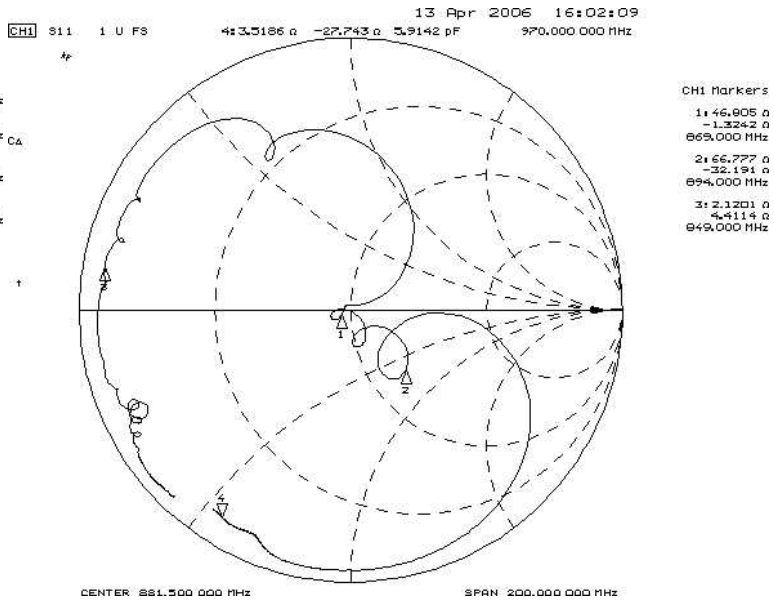
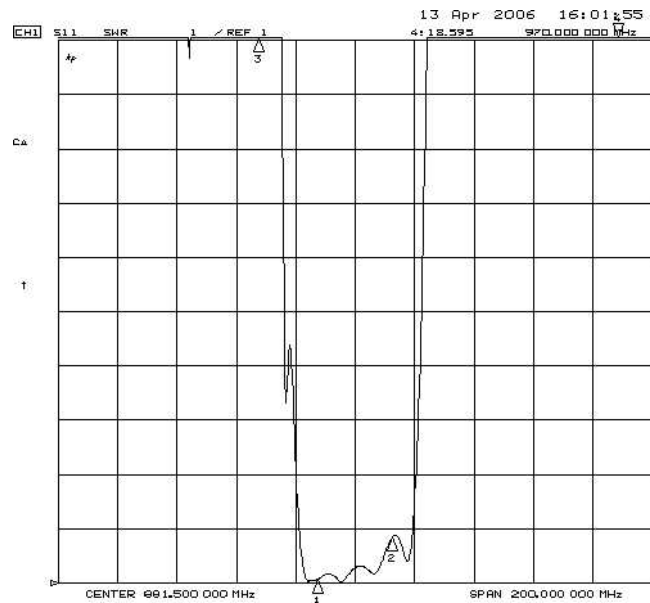
E. PCB Footprint:



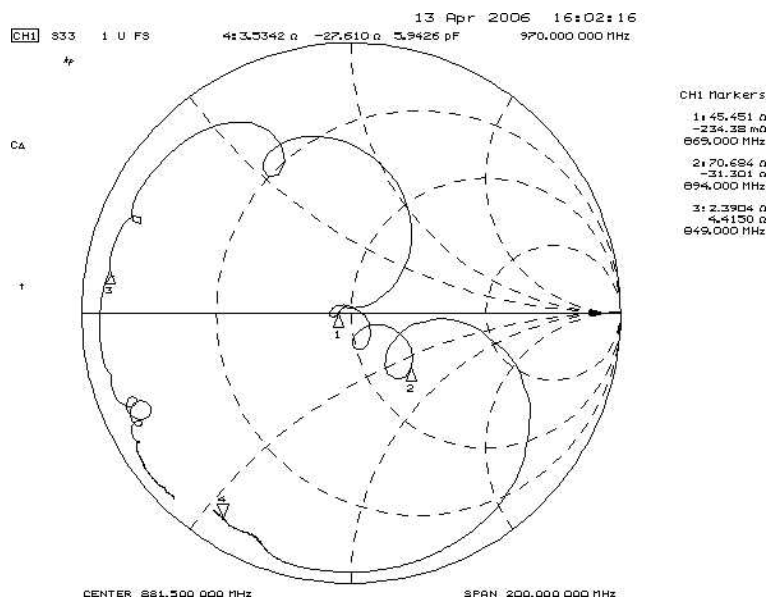
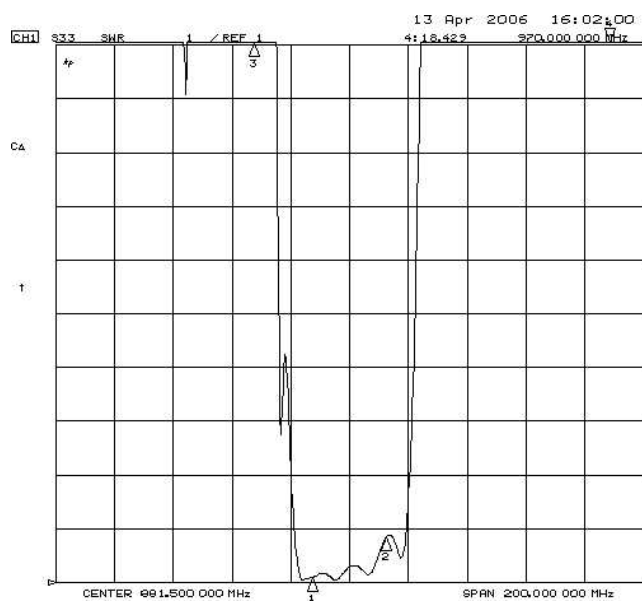
F. Frequency Characteristics :



Reflections Functions : S11:



S22:



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



H. RECOMMENDED REFLOW PROFILE :

