



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 881.5 MHz

TST Parts No.:TA0572A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Bob Chau

Approval by:_____ Francis Chen

Date:_____ 2006/4/14



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SAW Filter 881.5MHz For Mobile Communication

MODEL NO.: TA0572A

REV. NO.:1.1

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

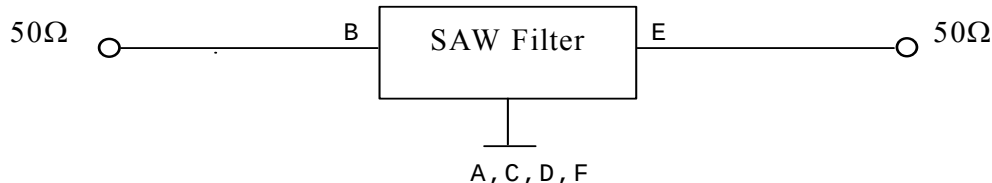
B. ELECTRICAL CHARACTERISTICS:

Characteristics		Min.	Typ.	Max.
Center frequency	F _c (dB)	-	881.5	-
Insertion loss within 869 ~894 MHz	IL (dB)	-	2.5	3.2
Amplitude ripple (p-p) within 869 ~ 894 MHz	(dB)	-	1.4	2.2
Attenuation (Reference level from 0 dB)				
10 ~ 800 MHz	(dB)	20.0	26	-
824 ~ 849 MHz	(dB)	35.0	38	-
939 ~ 1088 MHz	(dB)	28.0	30	-
1088 ~ 1119 MHz	(dB)	28.0	31	-
1119 ~ 2600 MHz	(dB)	20.0	32	-
VSWR within 869 ~894 MHz		-	2	2.3
Source impedance	Z _s (Ω)	-	50	-
Load impedance	Z _L (Ω)	-	50	-

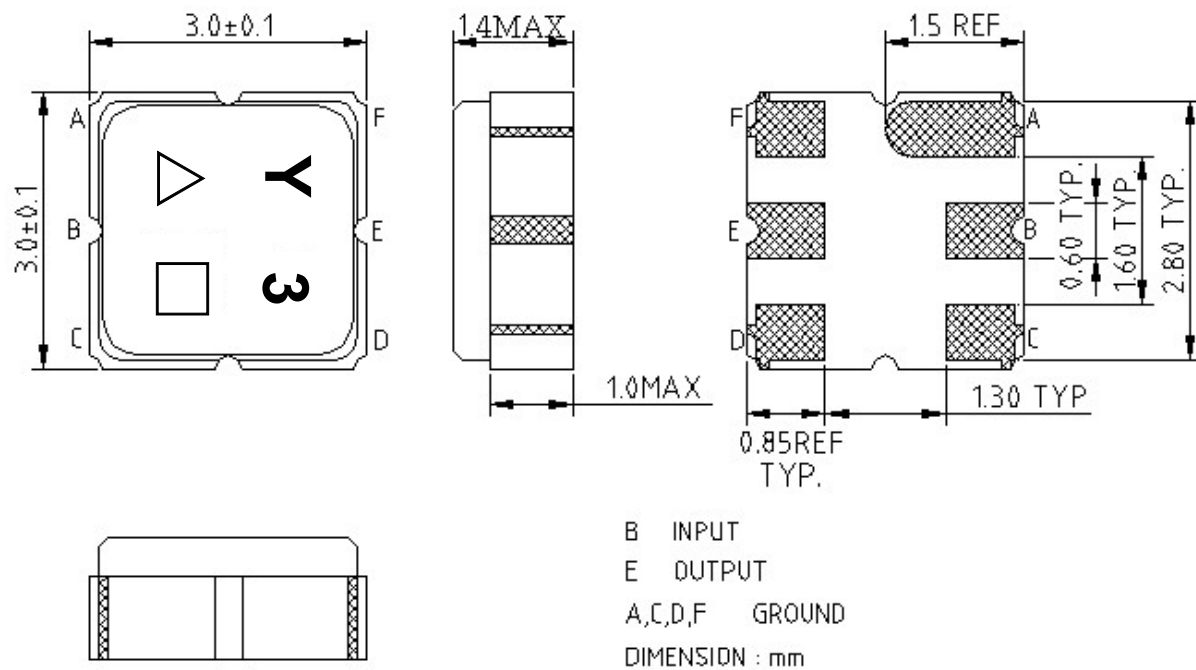
Note1. No matching network required for operation at 50 Ω

C. MEASUREMENT CIRCUIT:

HP Network analyzer



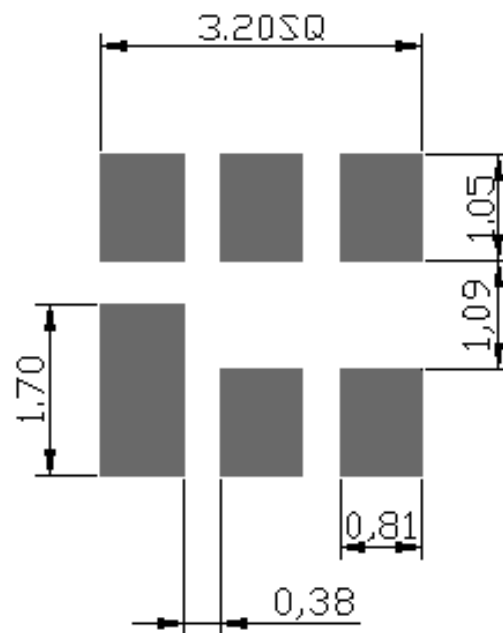
D.OUTLINE DRAWING:



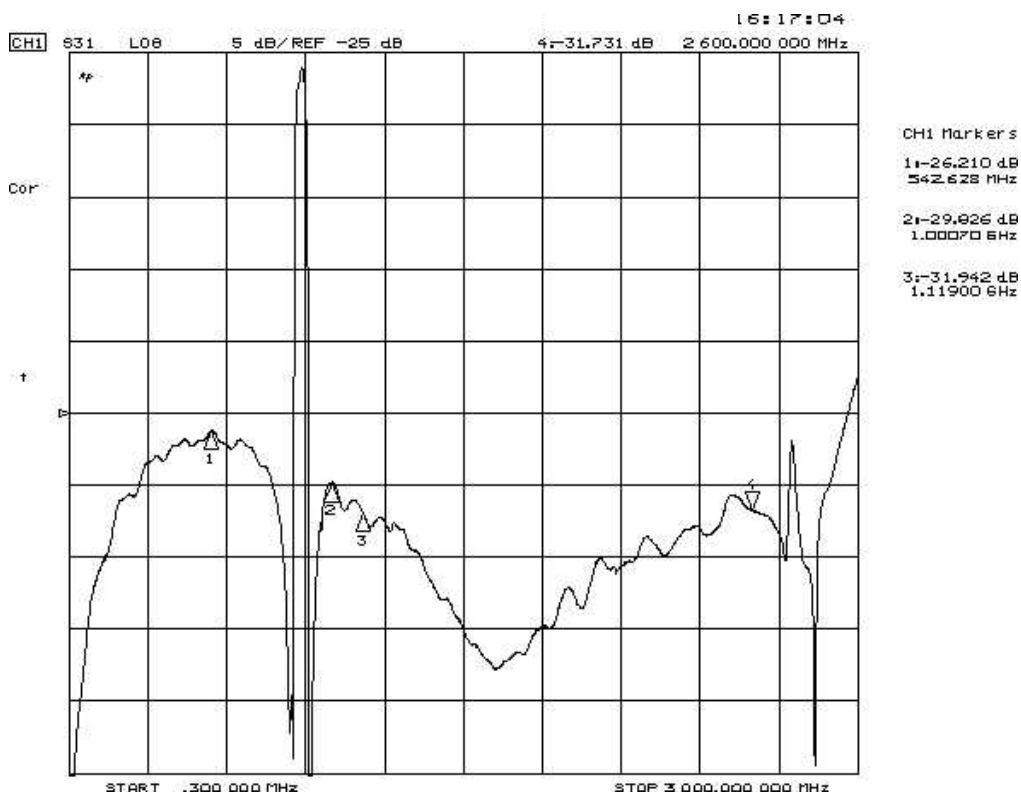
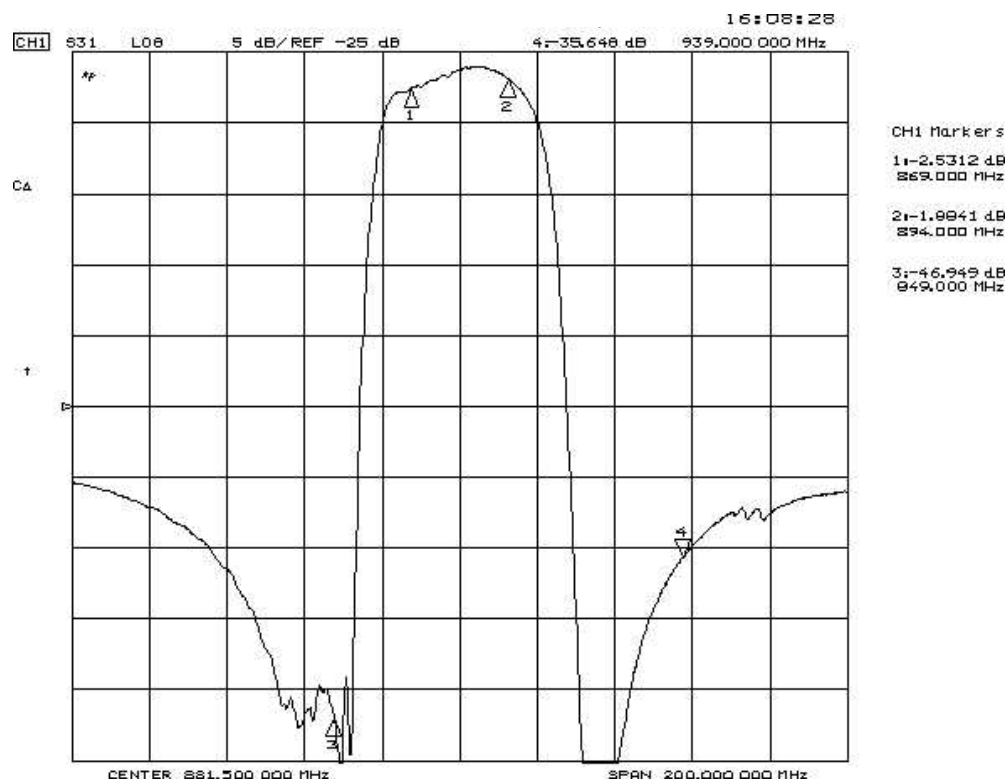
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

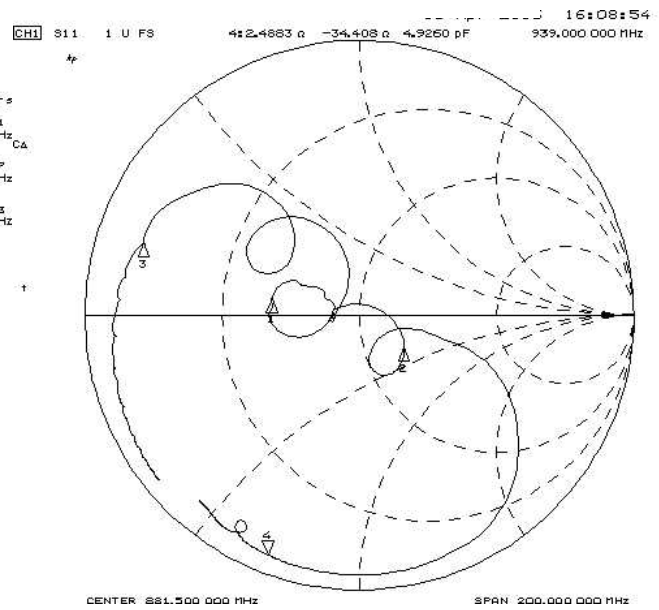
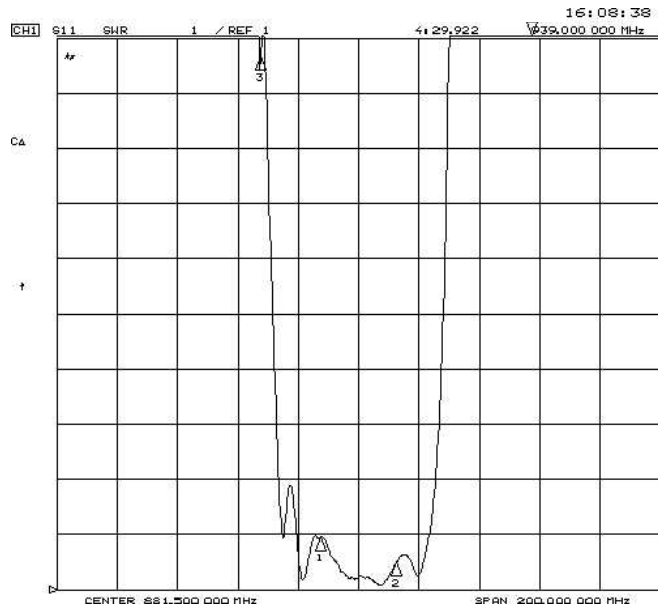


F. Frequency Characteristics :

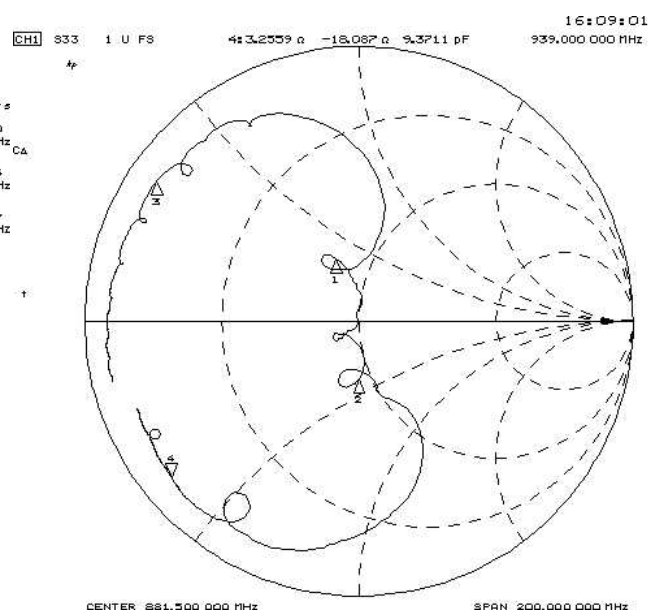
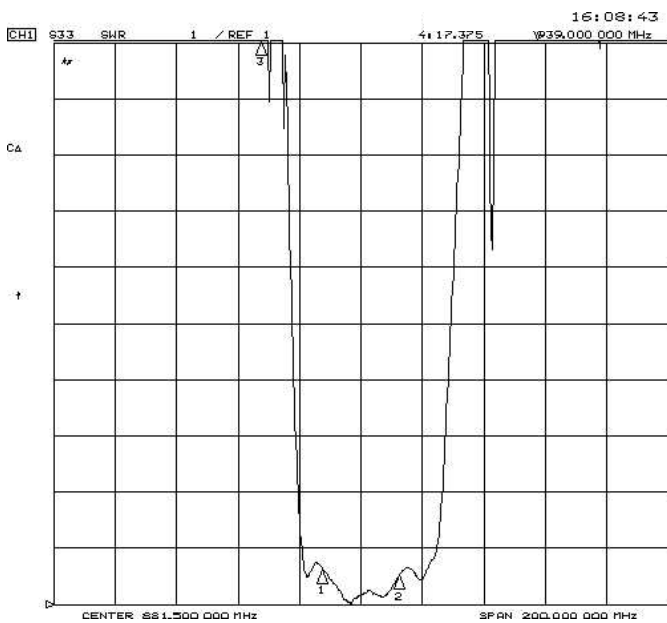


Reflections Functions :

S11 VSWR



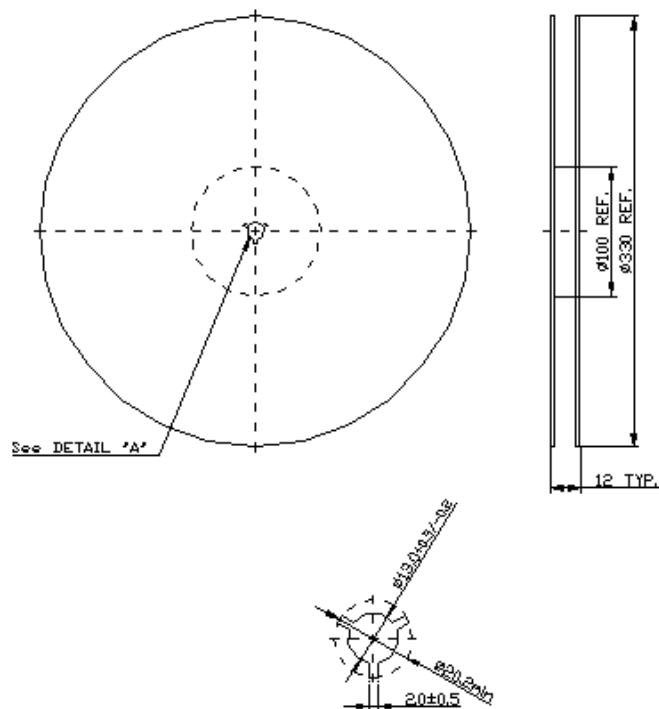
S22 VSWR



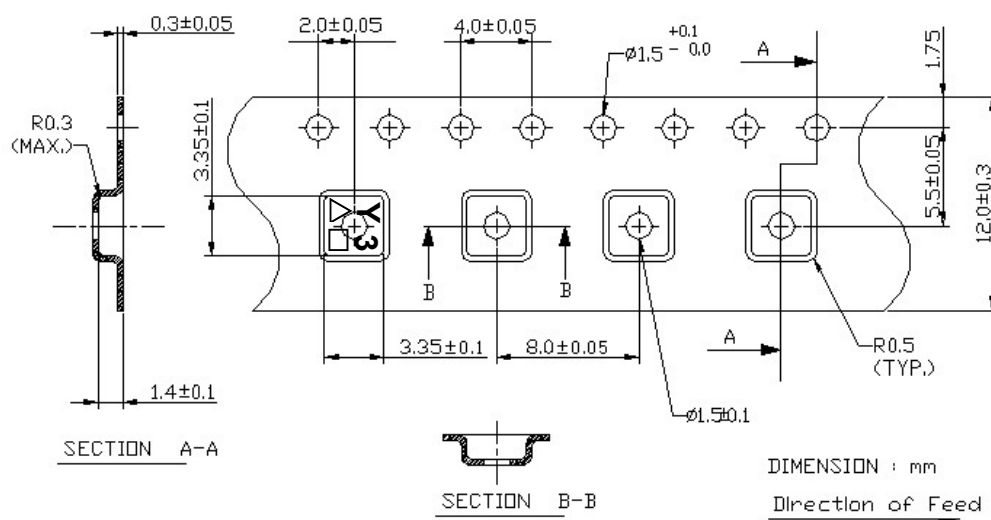
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

