



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date: Nov, 24, 2006

Product Name: SAW Filter 1870 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0604A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 11, 24, 2006



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SAW Filter 1870MHz

MODEL NO.:TA0604A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 5V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

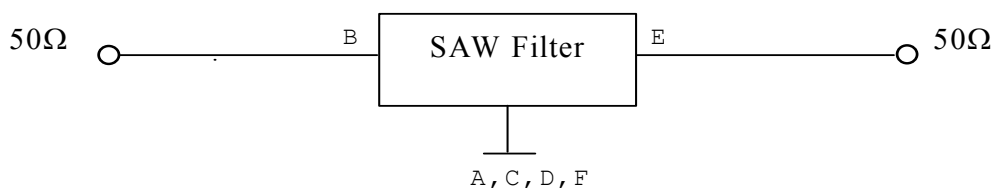
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

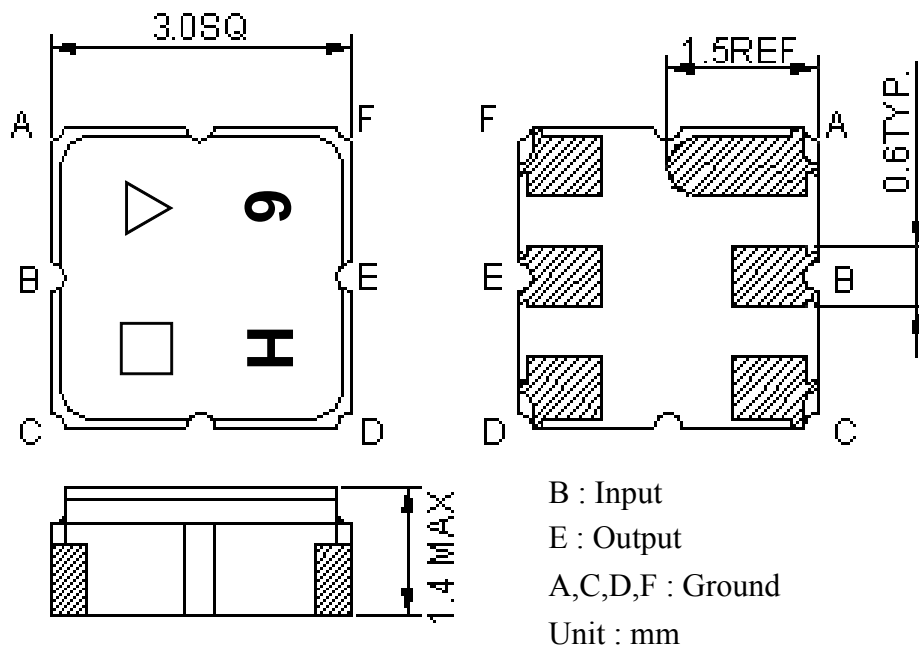
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1870	-	-
Insertion Loss (1840 ~ 1900 MHz) IL	dB	-	2.6	4	-
Amplitude Ripple (1840 ~ 1900 MHz)	dB	-	1.2	2.5	-
I/O Return Loss (1840 ~ 1900 MHz)	dB	7.4	11	-	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 1660 MHz	dB	20	31	-	-
1660 ~ 1721 MHz	dB	30	36	-	-
1721 ~ 1790 MHz	dB	20	42	-	-
1920 ~ 1990 MHz	dB	7	18	-	-
2000 ~ 2040 MHz	dB	25	39	-	-
2040 ~ 2480 MHz	dB	31	38	-	-
3700 ~ 3820 MHz	dB	25	32	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



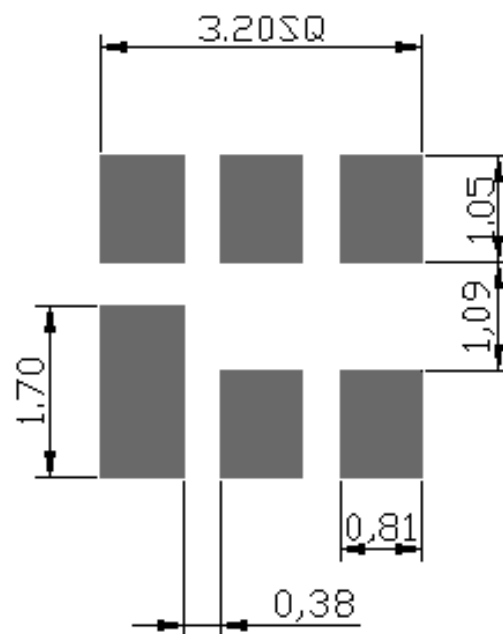
D.OUTLINE DRAWING:



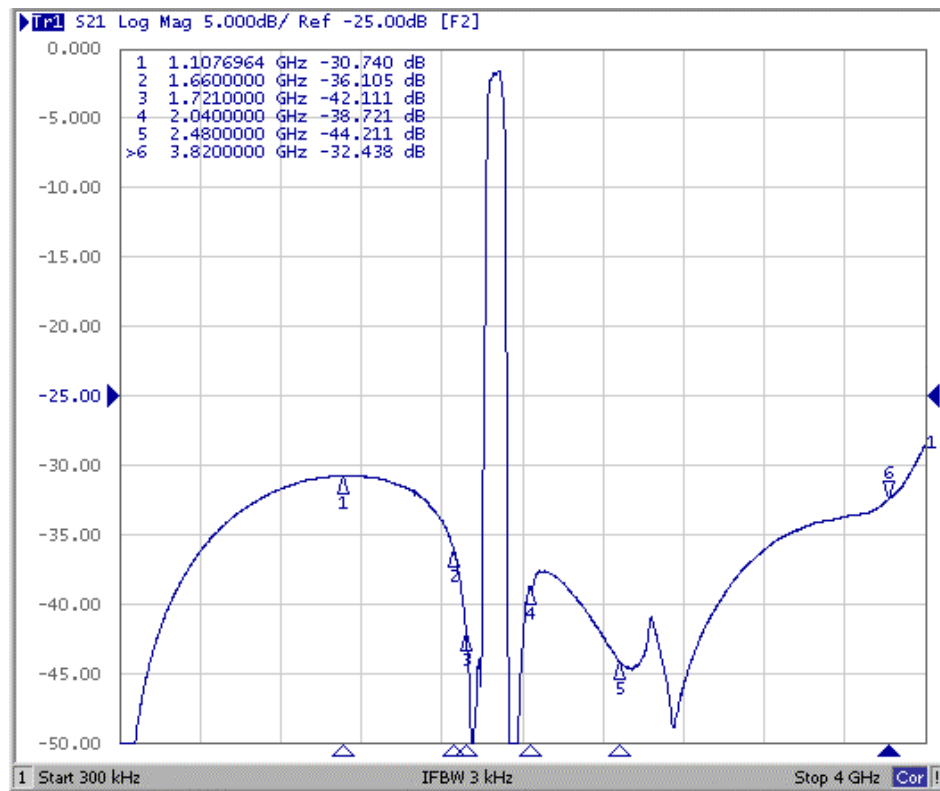
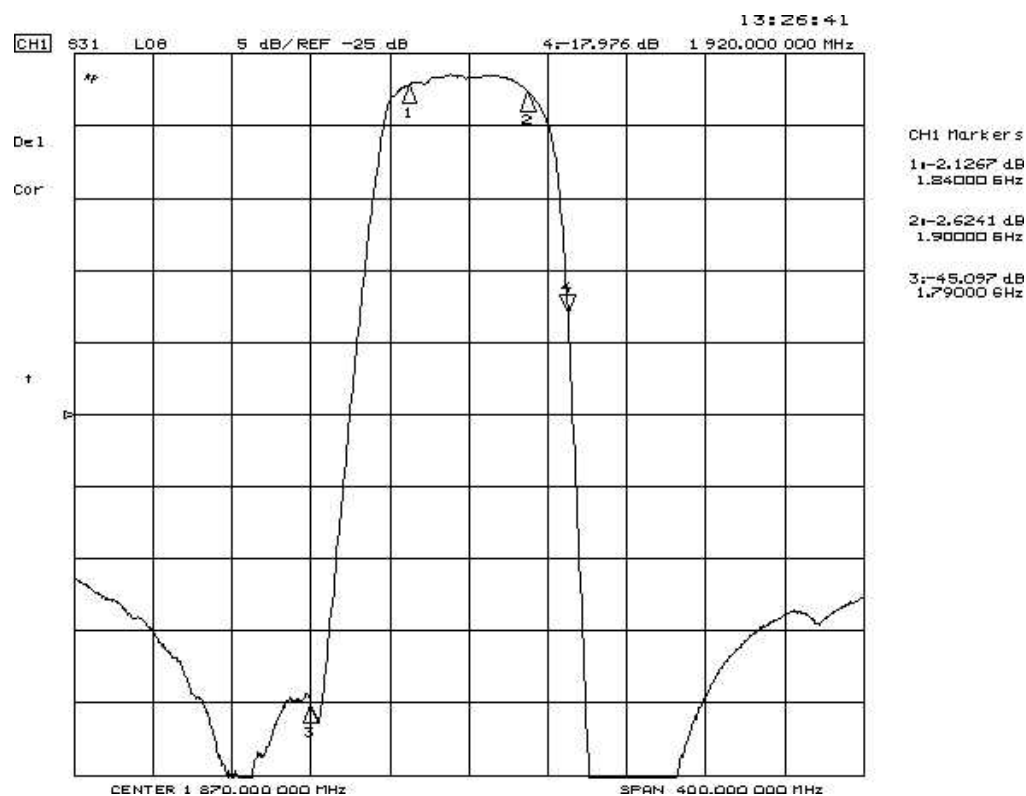
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

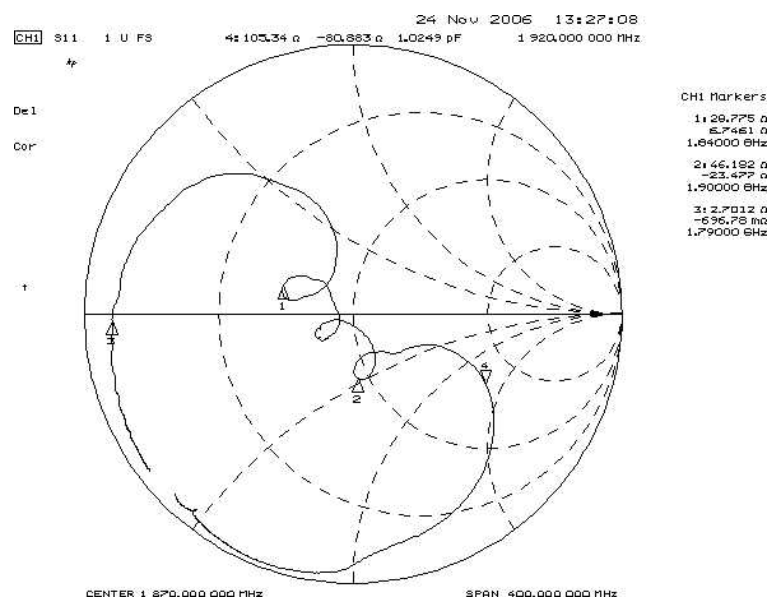
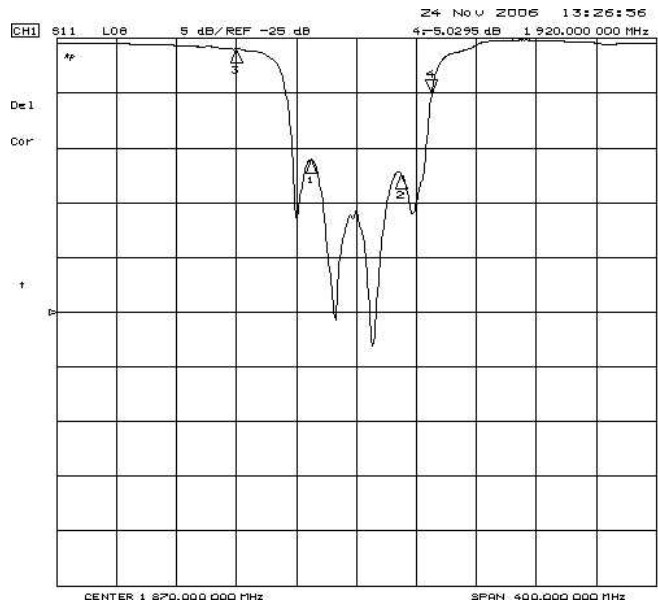


F. Frequency Characteristics :

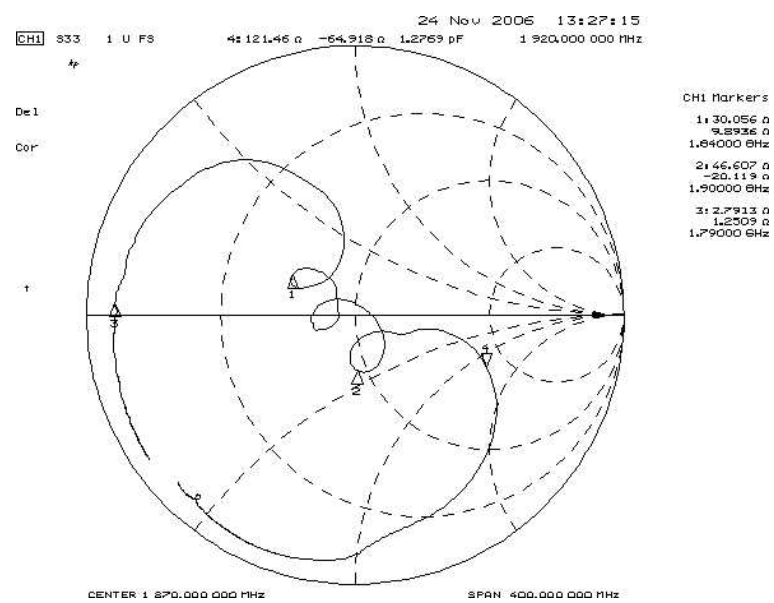
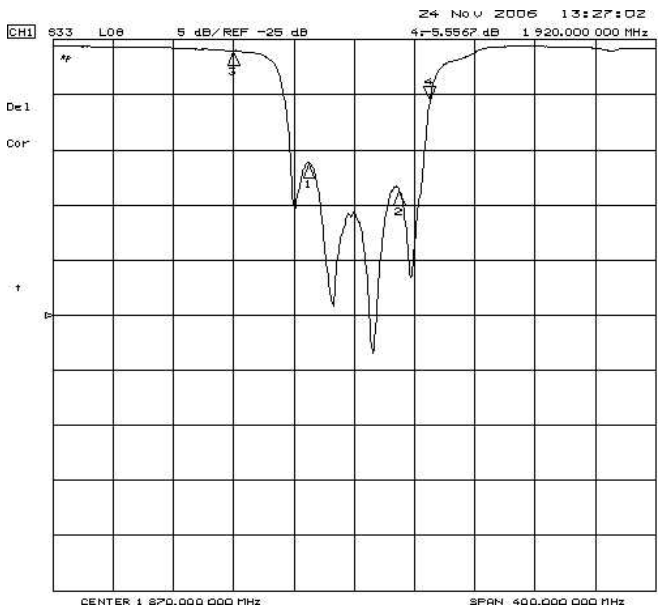


Reflection Functions :

S11



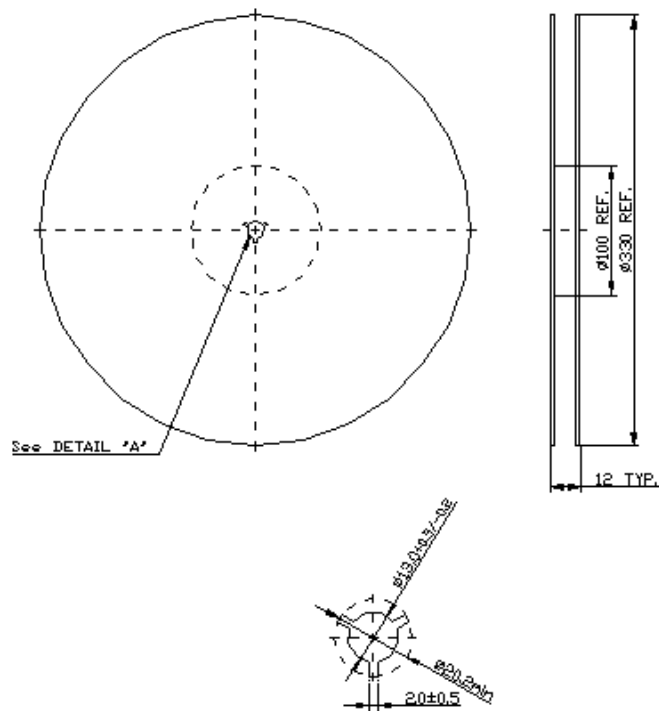
S22



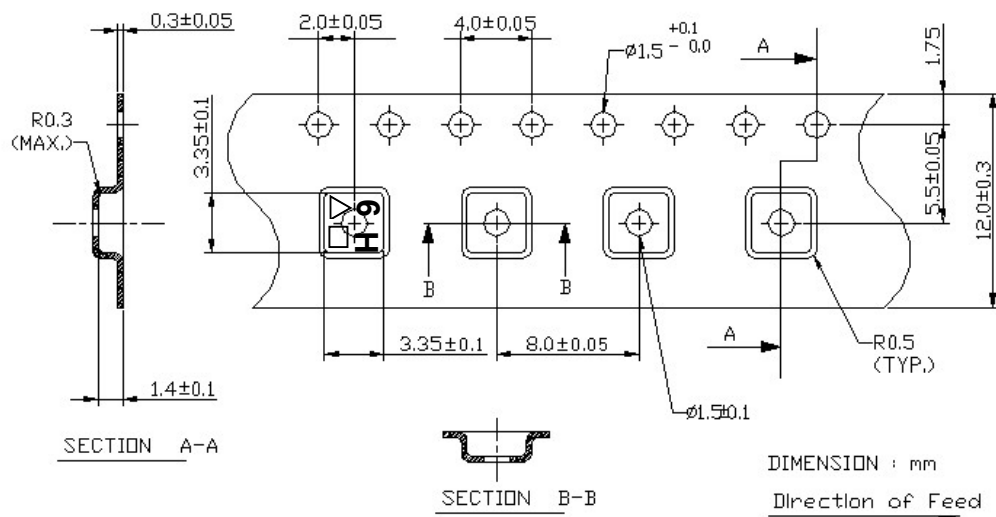
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

