



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, 26, 2006

Product Name: SAW Filter 906 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0563A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 26, 2006



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SAW Filter 906MHz

MODEL NO.:TA0563A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

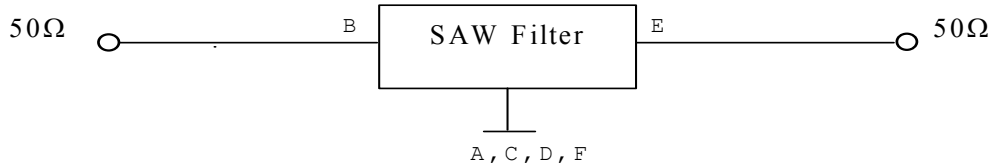
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

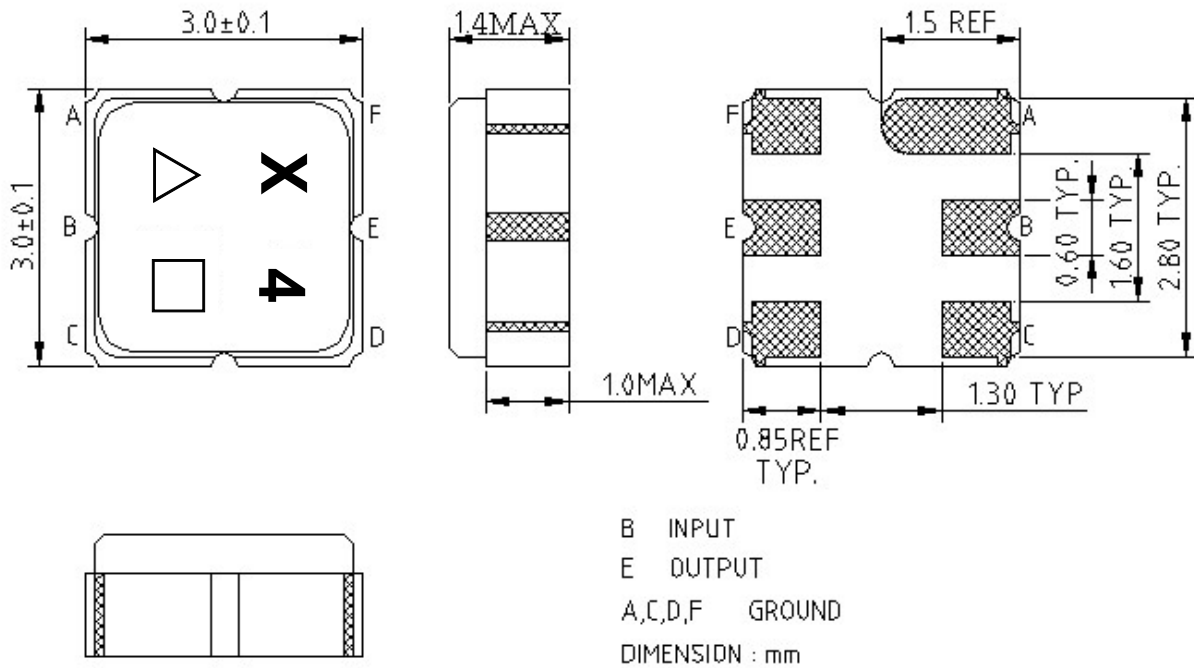
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	906	-	-
Insertion Loss (888 ~ 924 MHz) IL	dB	-	2.3	4.1	-
Amplitude Ripple (888 ~ 924 MHz)	dB	-	0.8	2.4	-
Return Loss (888 ~ 924 MHz)	dB	7	11.3	-	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 810 MHz	dB	40	64	-	-
810 ~ 850 MHz	dB	20	51	-	-
942 ~ 960 MHz	dB	15	25.5	-	-
960 ~ 1030 MHz	dB	33	41	-	-
1030 ~ 1400 MHz	dB	39	59	-	-
1400 ~ 2200 MHz	dB	28	44	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



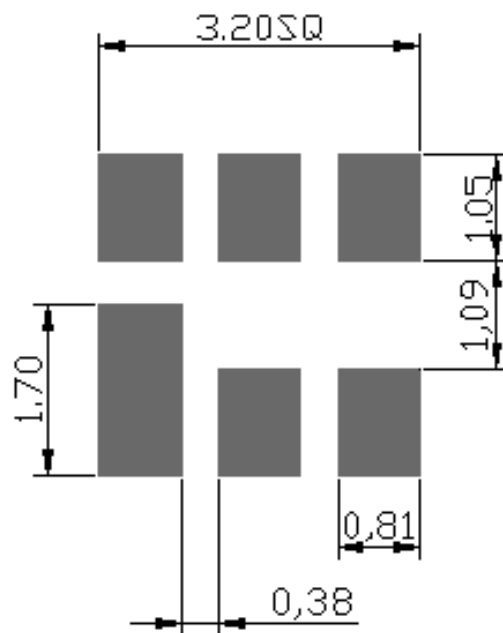
D.OUTLINE DRAWING:



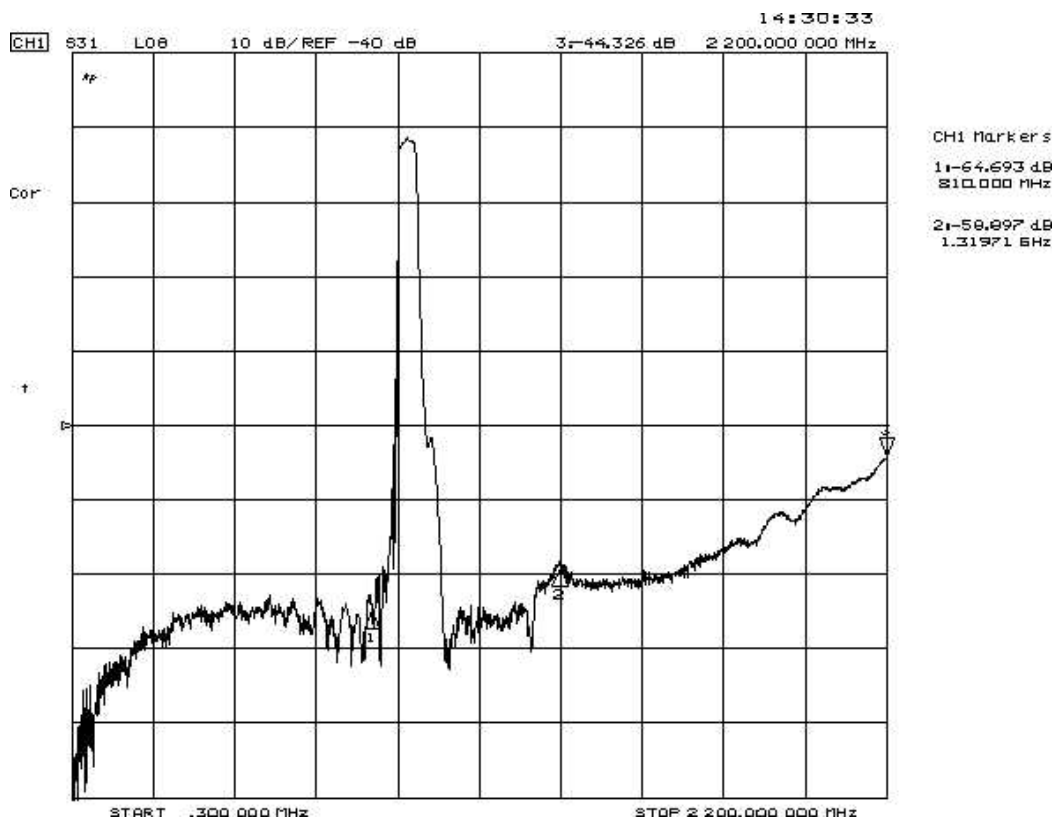
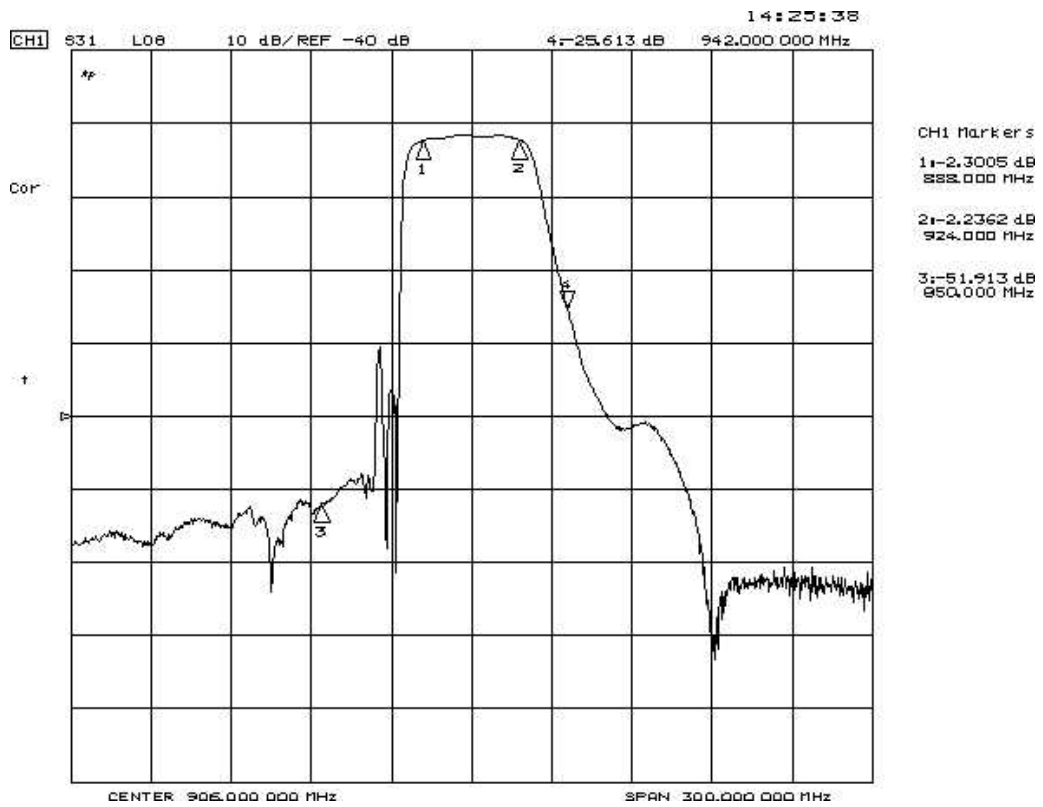
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

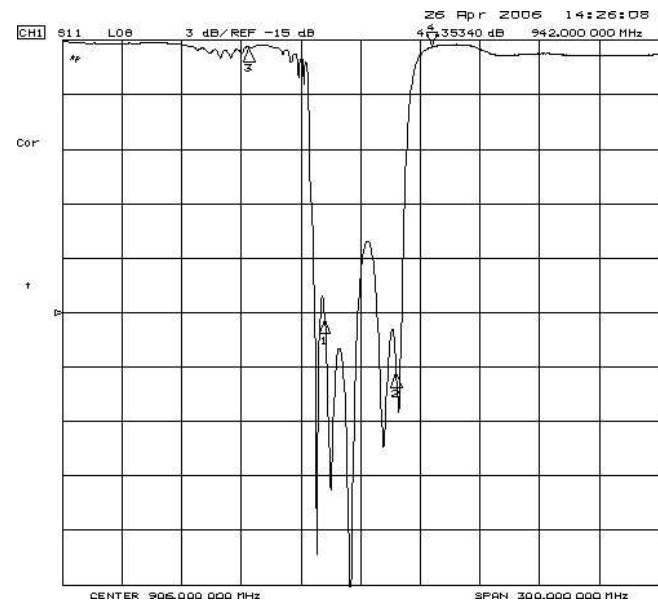


F. Frequency Characteristics :

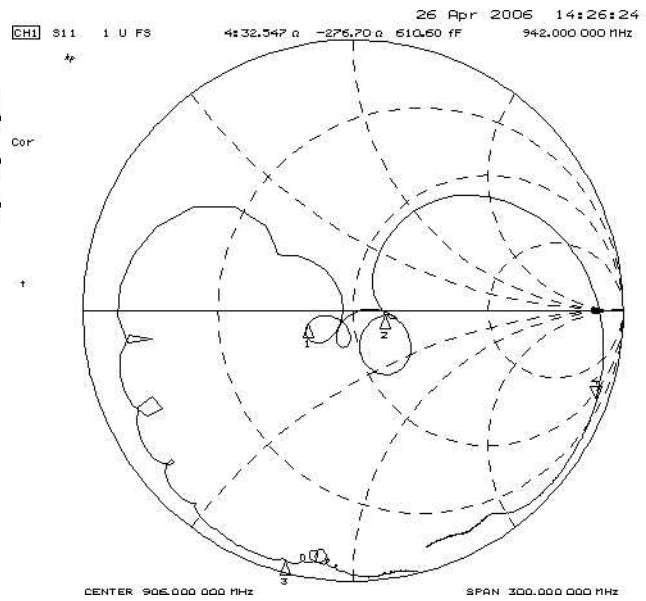


Reflections Functions :

S11 VSWR

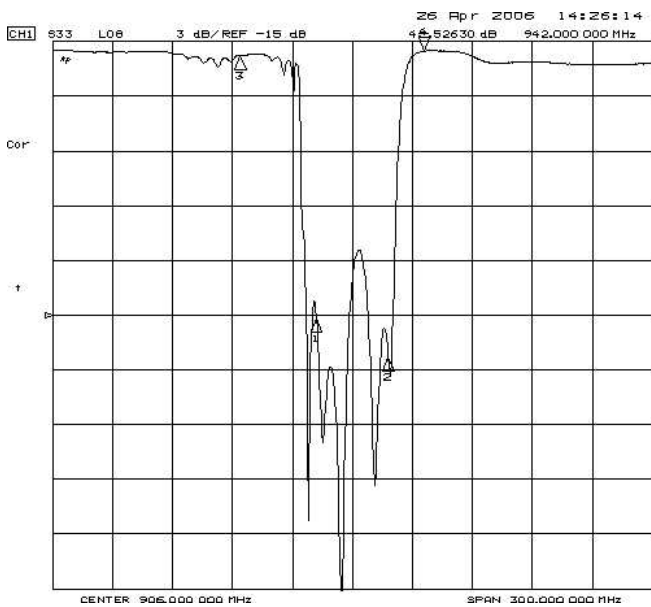


CHI Markers
1: -15.363 dB
888.000 MHz
2: -19.309 dB
924.000 MHz
3: -37.720 dB
950.000 MHz

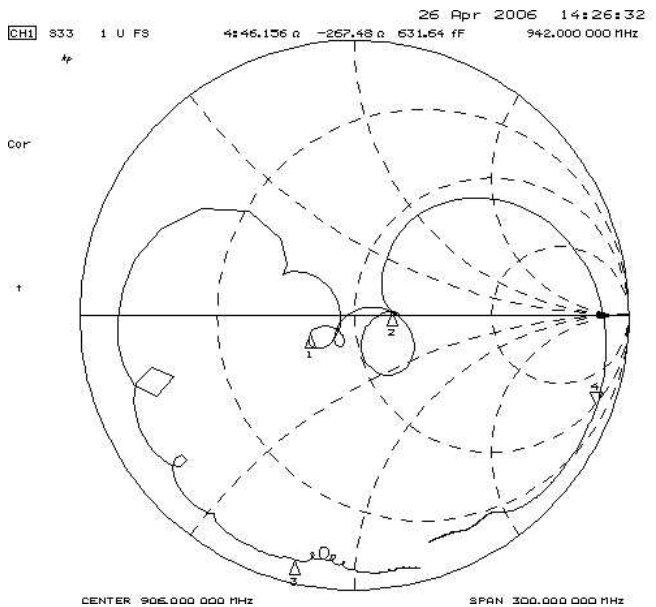


CHI Markers
1: 35.901 Ω
-3.3117 Ω
888.000 MHz
2: 67.656 Ω
-1.8652 Ω
924.000 MHz
3: 1.7188 Ω
-38.217 Ω
950.000 MHz

S22 VSWR



CHI Markers
1: -15.129 dB
888.000 MHz
2: -17.247 dB
924.000 MHz
3: -27.353 dB
950.000 MHz

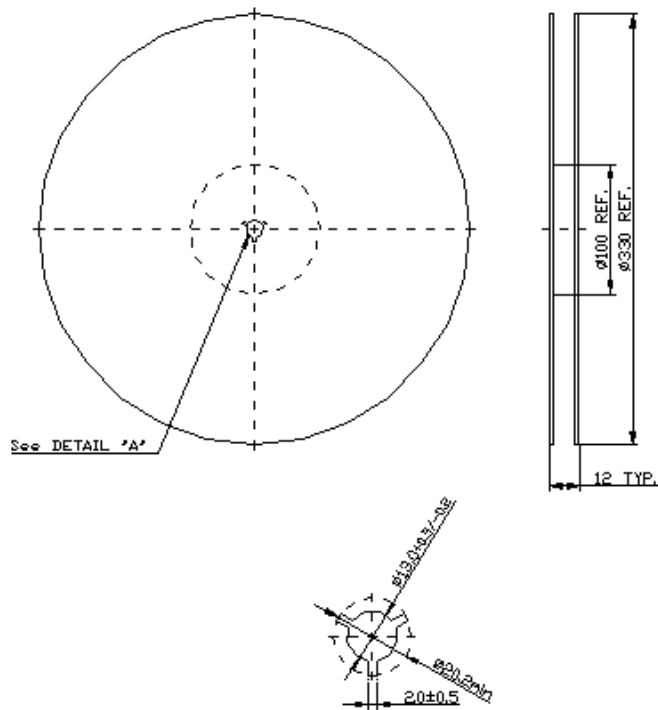


CHI Markers
1: 35.795 Ω
-4.9219 Ω
888.000 MHz
2: 65.822 Ω
1.8125 Ω
924.000 MHz
3: 3.4424 Ω
-39.254 Ω
950.000 MHz

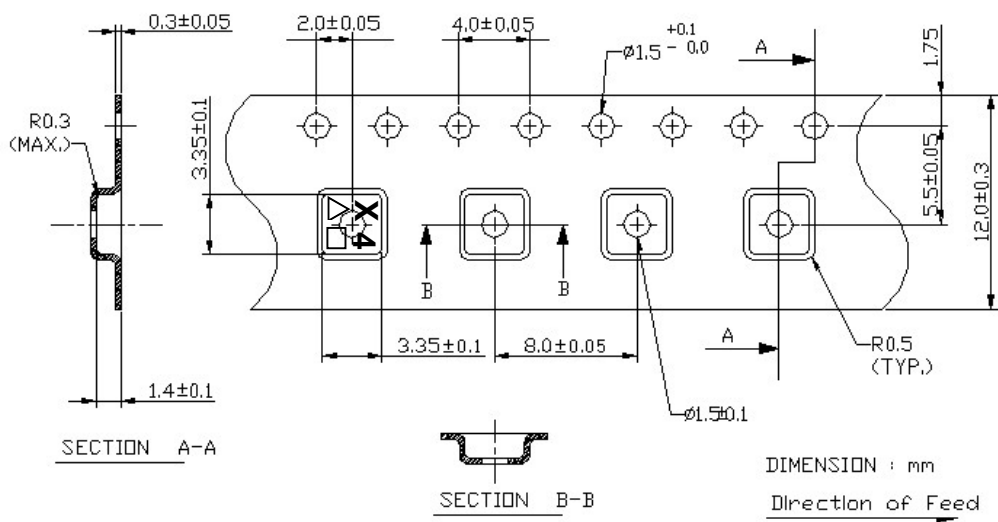
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

