



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: August, 22, 2005

Product Name: SAW Filter 897.5 MHz SMD 3X3 mm

TST Parts No.:TA0494A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 8, 22, 2005



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SAW Filter 897.5 MHz

MODEL NO.: TA0494A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 5 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

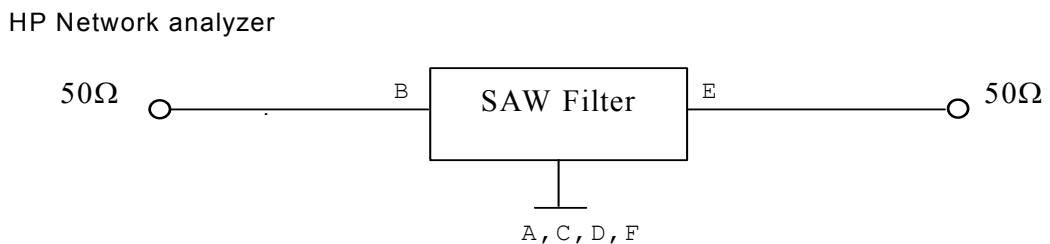
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

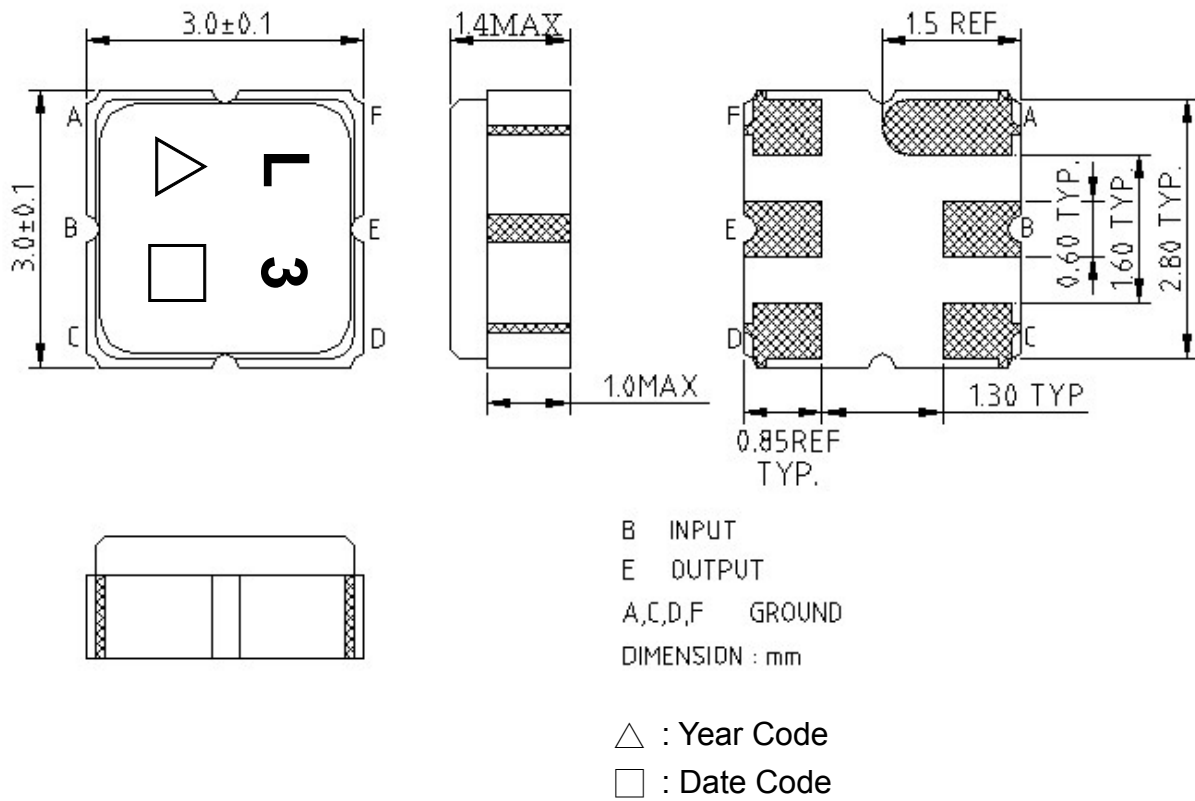
Item		Min.	Typ.	Max.
Center frequency	F_c (MHz)	-	897.5	-
Insertion loss (880 ~ 915 MHz)	IL (dB)	-	2.1	3.0
Amplitude ripple (880 ~ 915 MHz)	(dB)	-	1.0	2.0
Attenuation (Reference level from 0 dB)				
D.C. ~ 860	MHz (dB)	17	19	-
925 ~ 935	MHz (dB)	5	12.4	-
935 ~ 960	MHz (dB)	20	24	-
980 ~ 2000	MHz (dB)	20	22	-
VSWR (880 ~ 915 MHz)		-	2	2.6
Source impedance	Z_s (Ω)	-	50	-
Load impedance	Z_L (Ω)	-	50	-

Note1. The standard definitions is in JIS C 6703

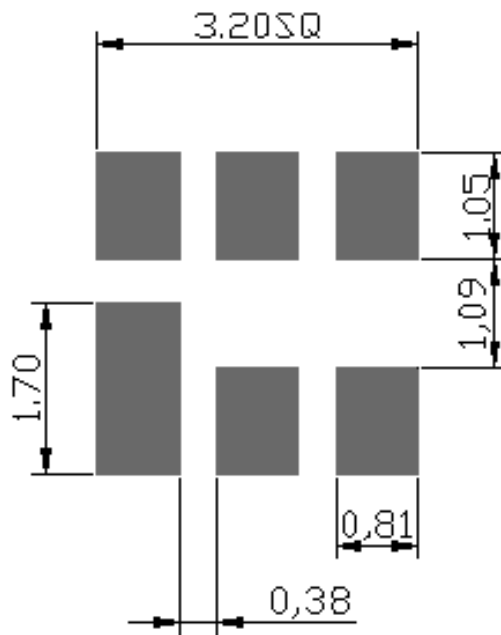
C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

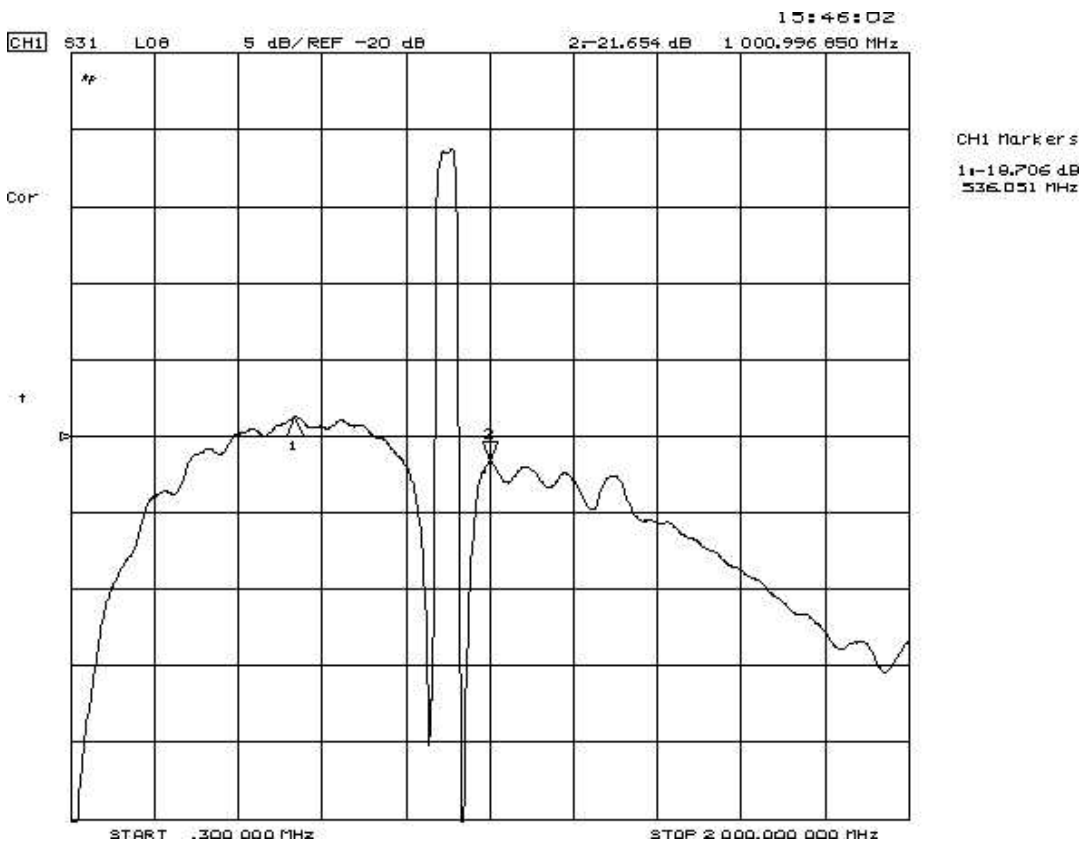
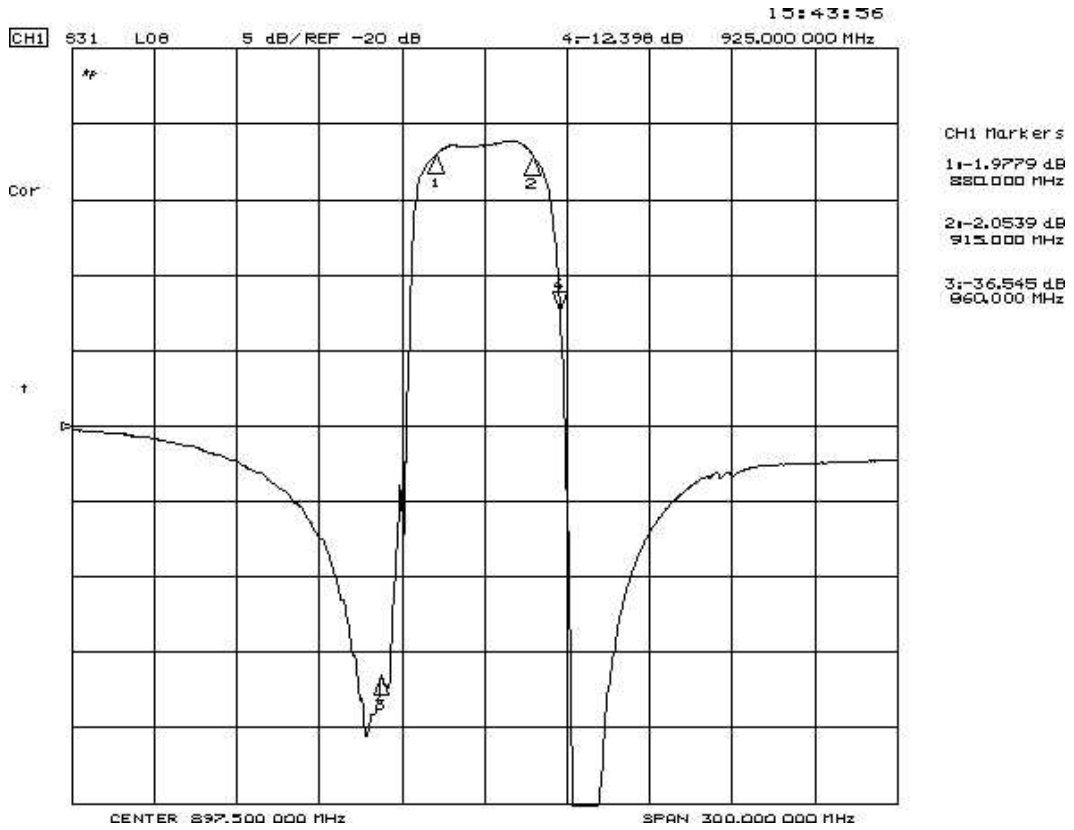


E. PCB Footprint:



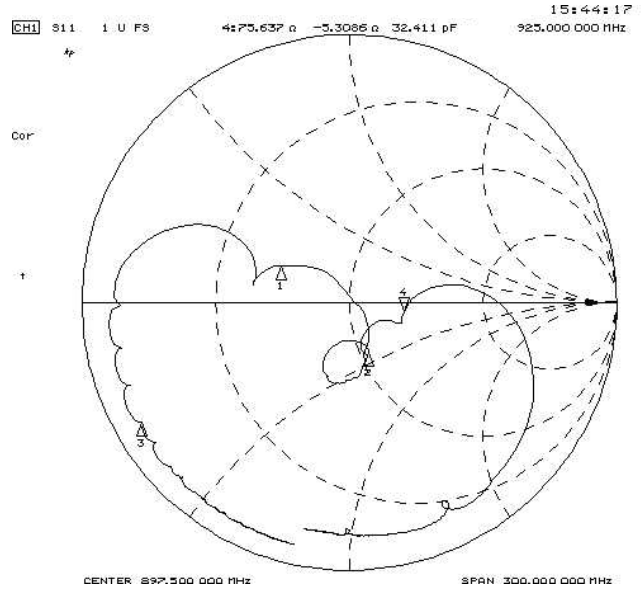
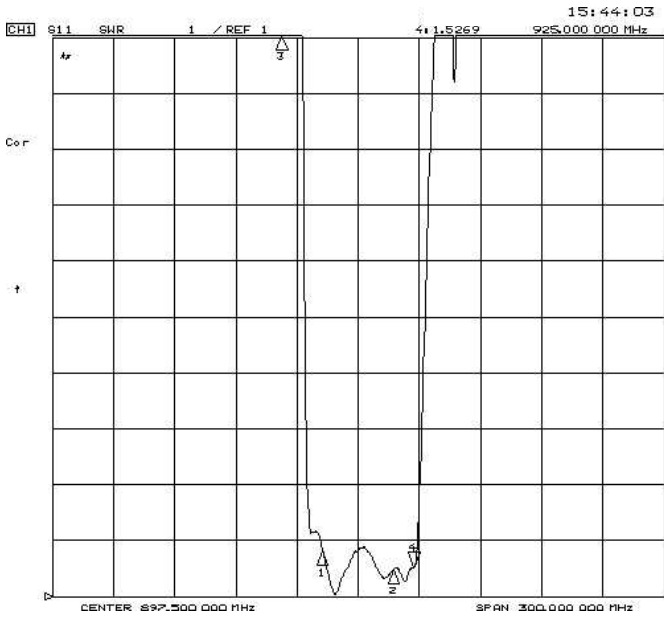
F. Frequency Characteristics :

Transfer function

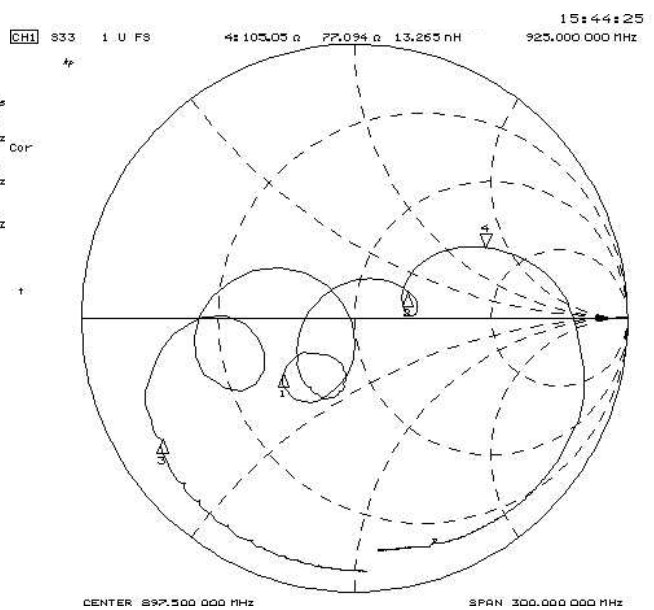
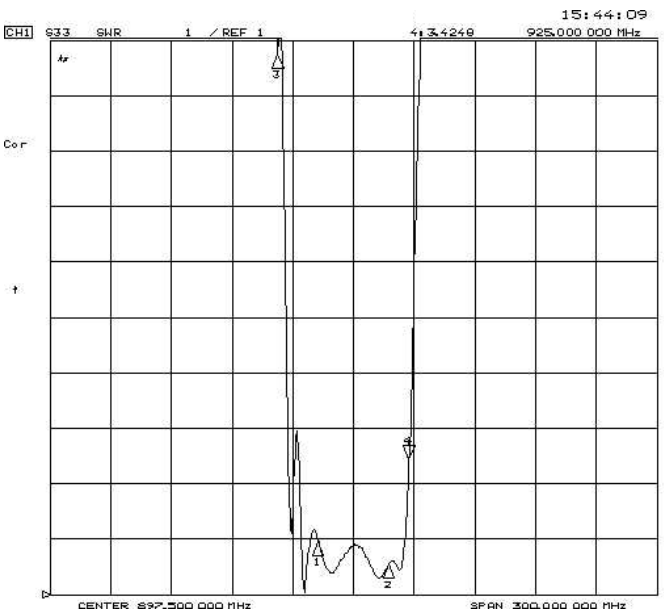


Reflections Functions :

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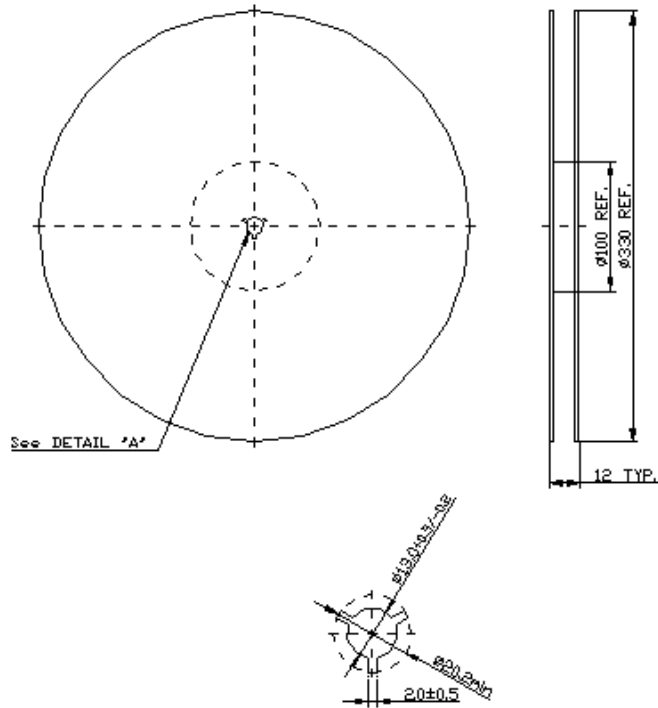


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

