



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: 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



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

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

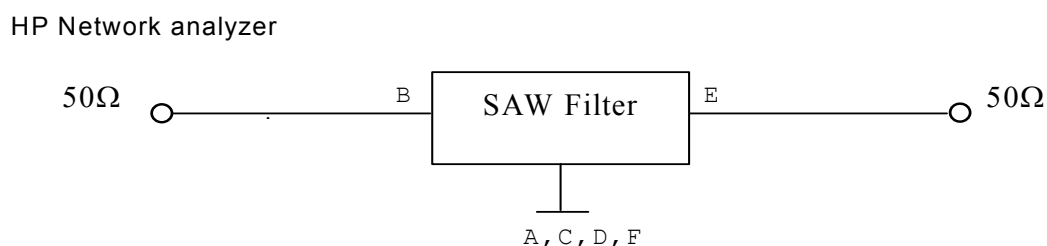
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

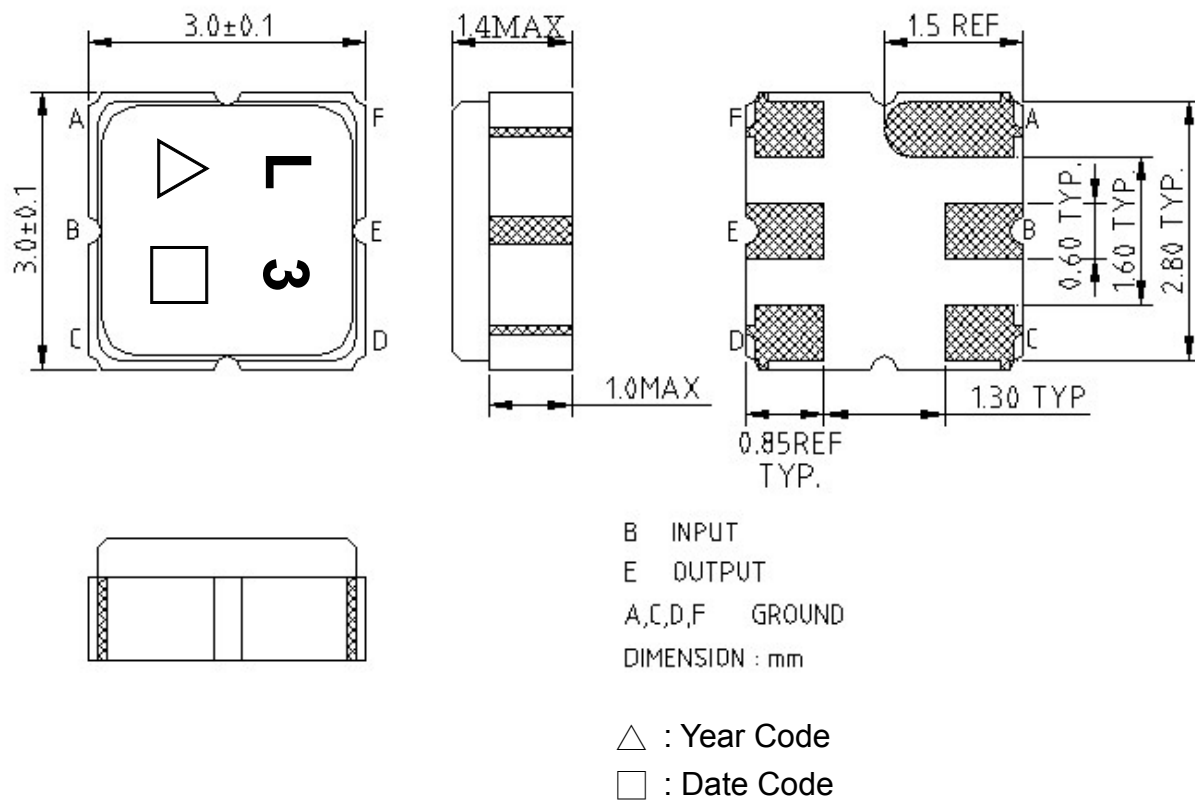
Item		Min.	Typ.	Max.
Center frequency	F _c (MHz)	-	897.5	-
Insertion loss (880 ~ 915 MHz)	IL (dB)	-	2.1	3.0
Amplitude ripple (880 ~ 915 MHz)	(dB)	-	1.0	2.0
Attenuation (Reference level from 0 dB)				
D.C. ~ 860 MHz	(dB)	17	19	-
925 ~ 935 MHz	(dB)	5	12.4	-
935 ~ 960 MHz	(dB)	20	24	-
980 ~ 2000 MHz	(dB)	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

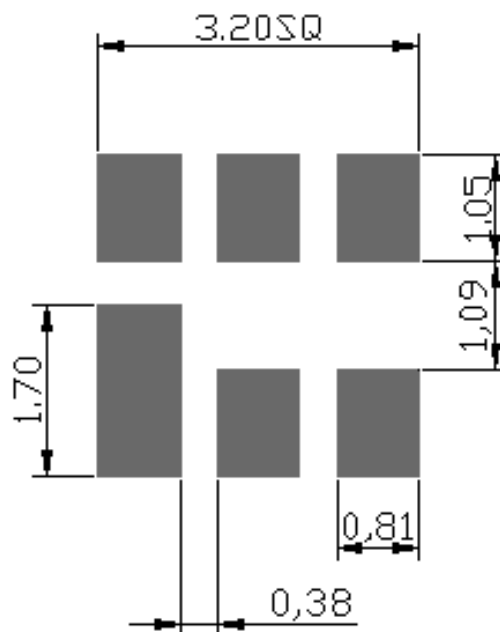
C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

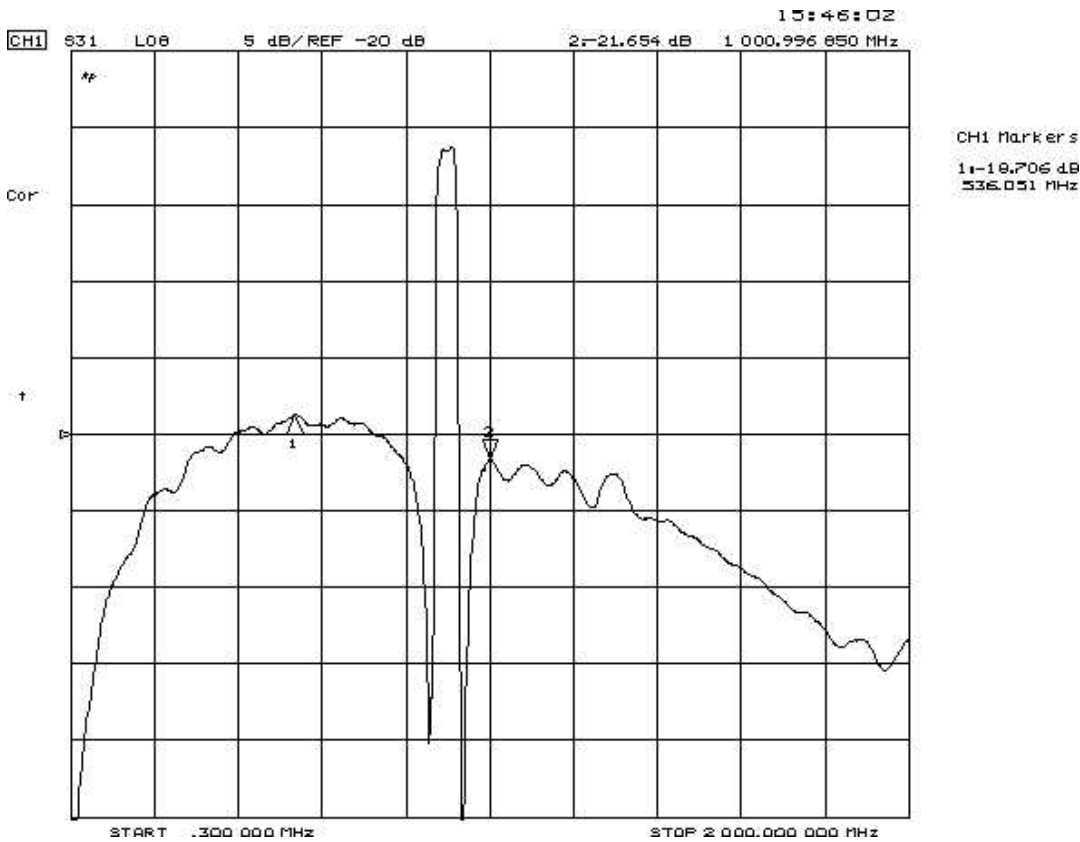
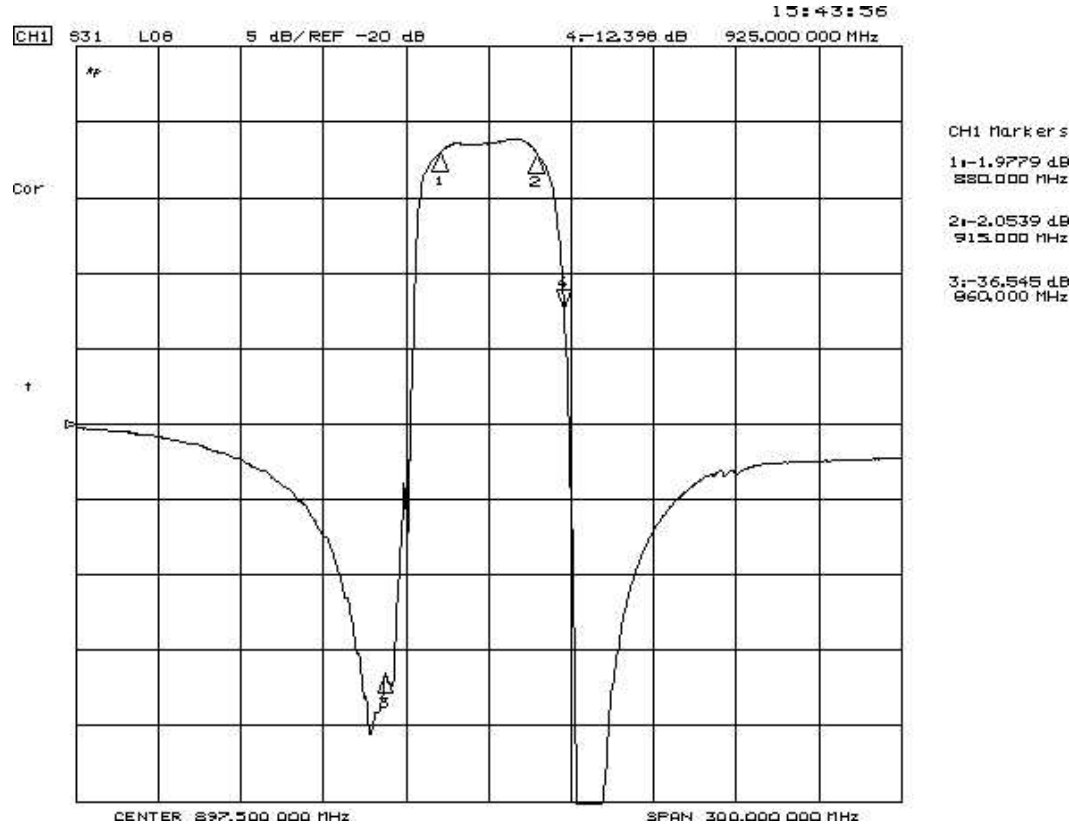


E. PCB Footprint:



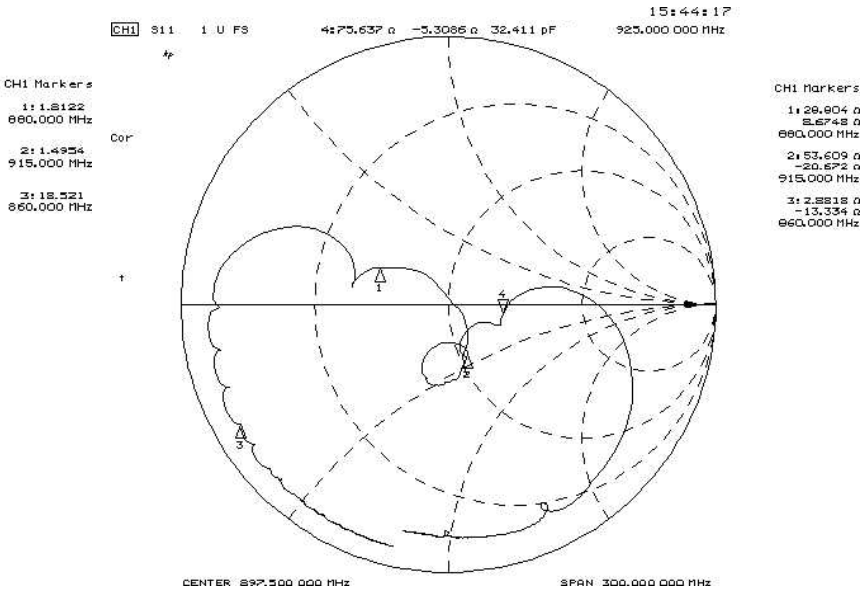
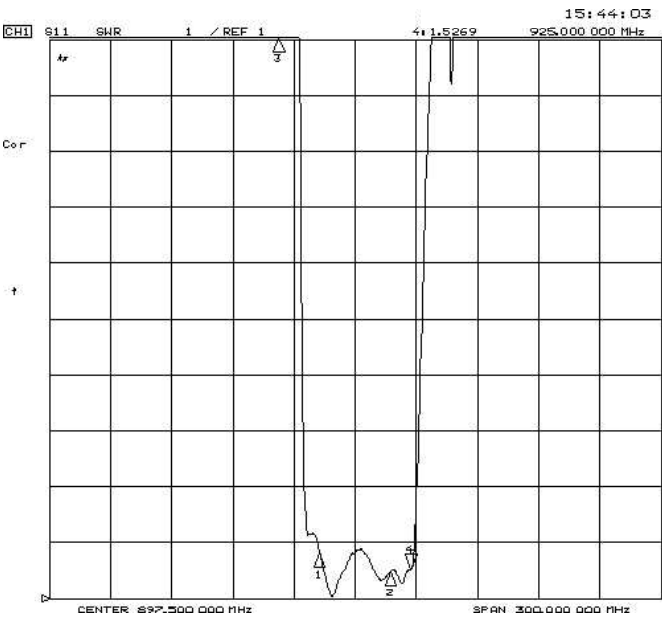
F. Frequency Characteristics :

Transfer function

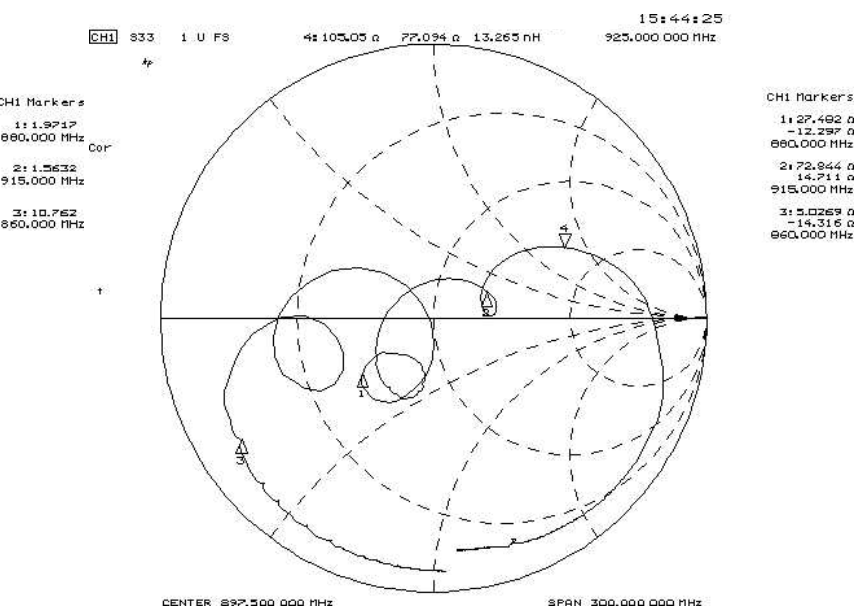
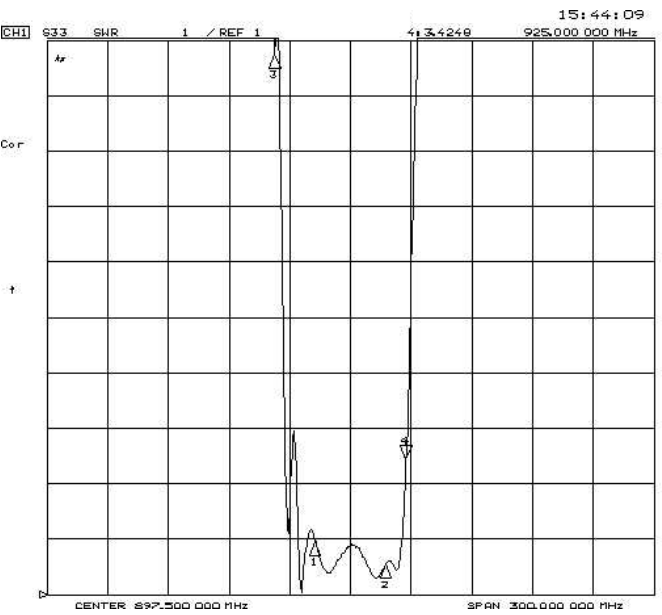


Reflections Functions :

S11

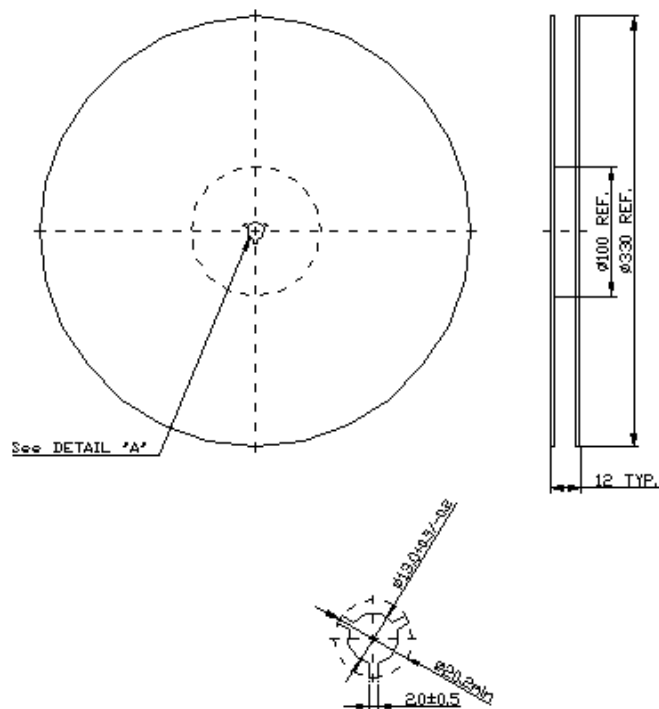


S22



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

