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: June, 13, 2006

Product Name: SAW Filter 930 MHz SMD 3X3 mm

TST Parts No.:TA0254A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Bob Chau_____

Approval by:_____Francis Chen_____

Date:_____1, 13, 2006_____

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SAW Filter 930 MHz

MODEL NO.: TA0254A REV. NO.:2

A. MAXIMUM RATING:

RoHS Compliant
Lead free
Lead-free soldering

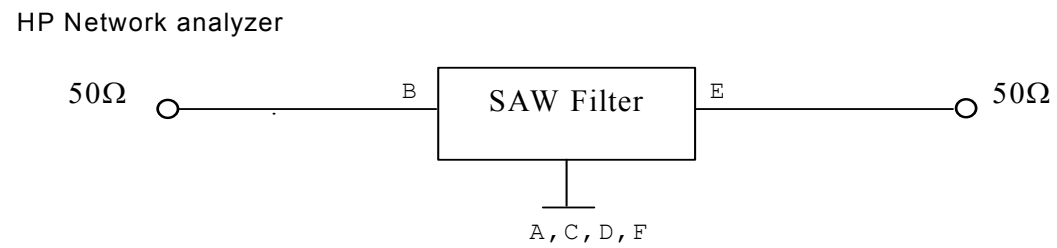
1.Input Power Level: 10 dB_m
2.DC voltage: 3 V
3.Operating Temperature: 0°C to +70°C
4.Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

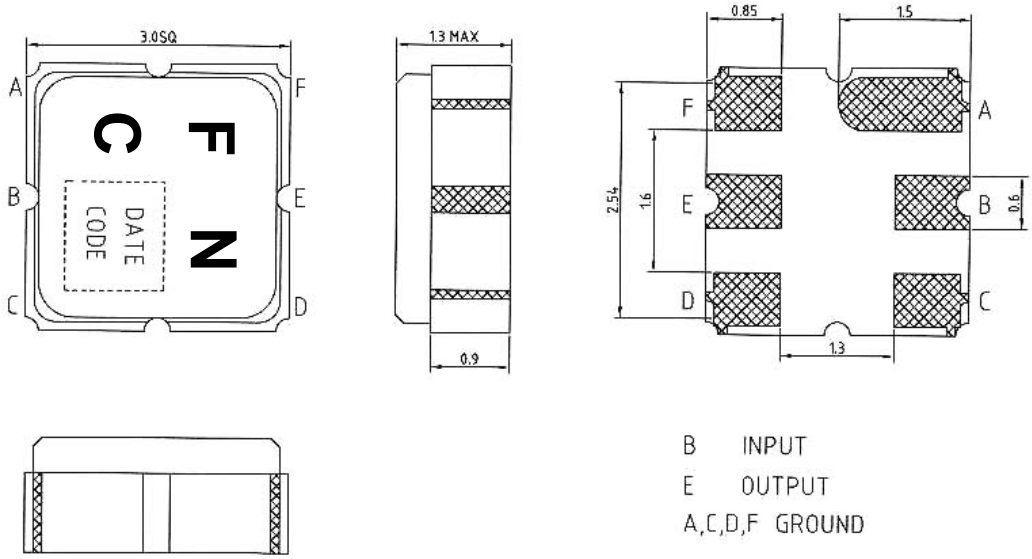
Item			Min.	Typ.	Max.
Center frequency	**Fc**	(MHz)	-	930	-
Insertion loss (920~940 MHz)	**IL**	(dB)	-	2.7	3.0
Amplitude ripple (920~940 MHz)		(dB)	-	1.5	2.0
Group Delay Variation in any 2 MHz bandwidth		(ns)	-	4	7
Attenuation (Reference level from 0 dB)					
DC ~ 890 MHz		(dB)	25	29	-
970 ~ 2000 MHz		(dB)	25	32	-
Return Loss (920~940 MHz)		(dB)	9	12	-
Source impedance	Zs	(Ω)	-	50	-
Load impedance	Z_L	(Ω)	-	50	-

Note1. The standard definitions is in JIS C 6703

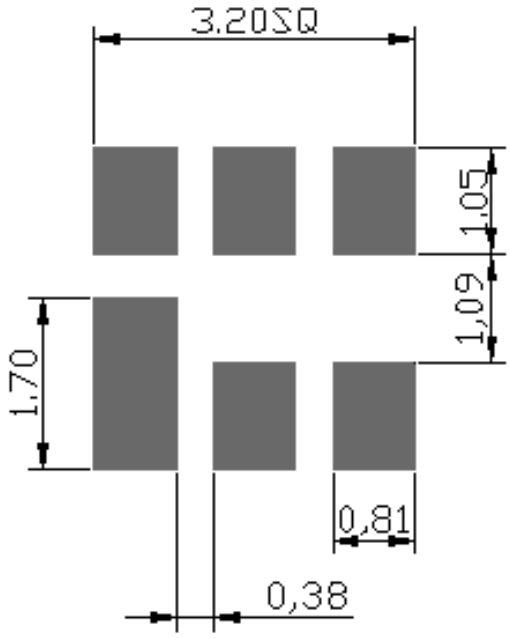
C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

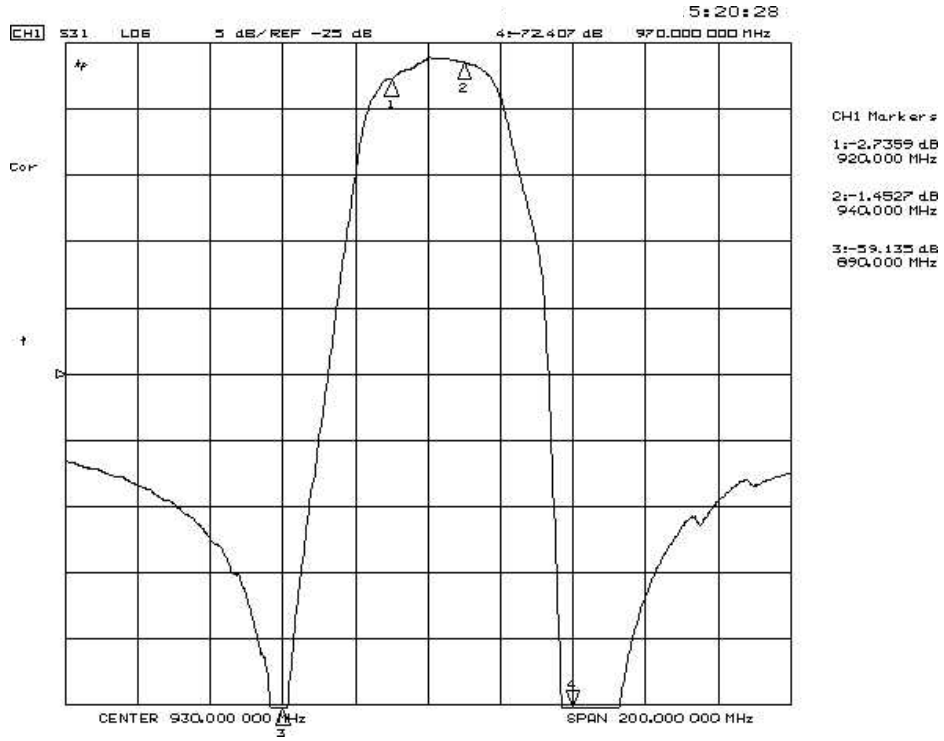


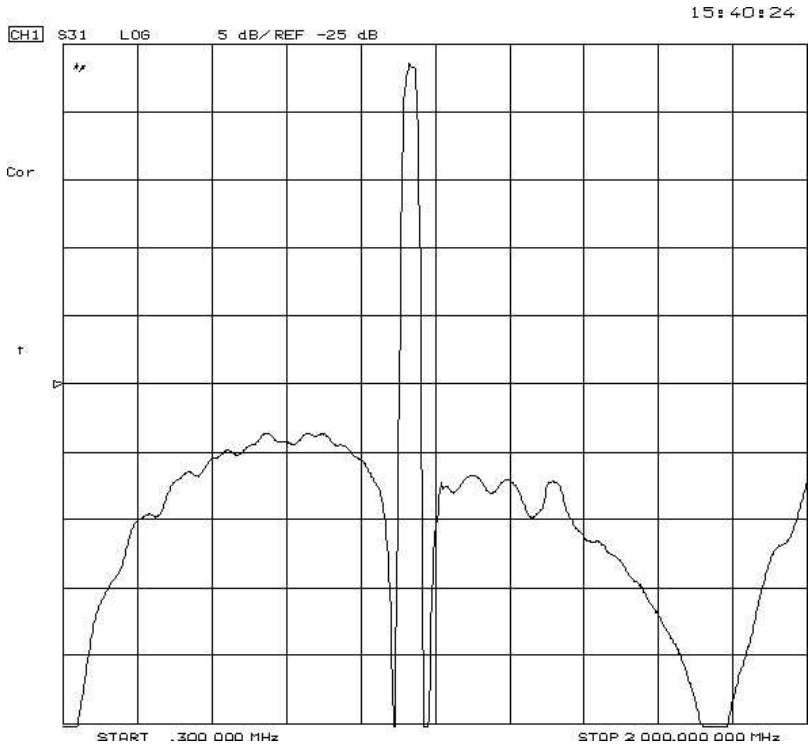
E. PCB Footprint:



F. Frequency Characteristics :

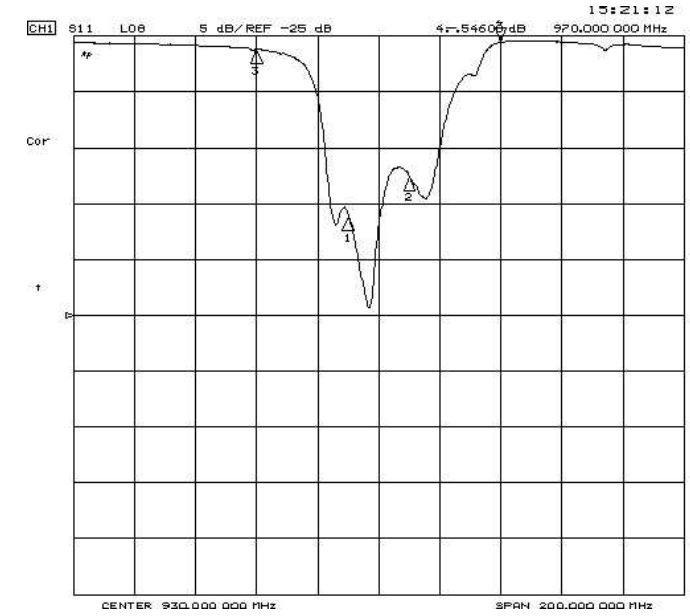
Transfer function

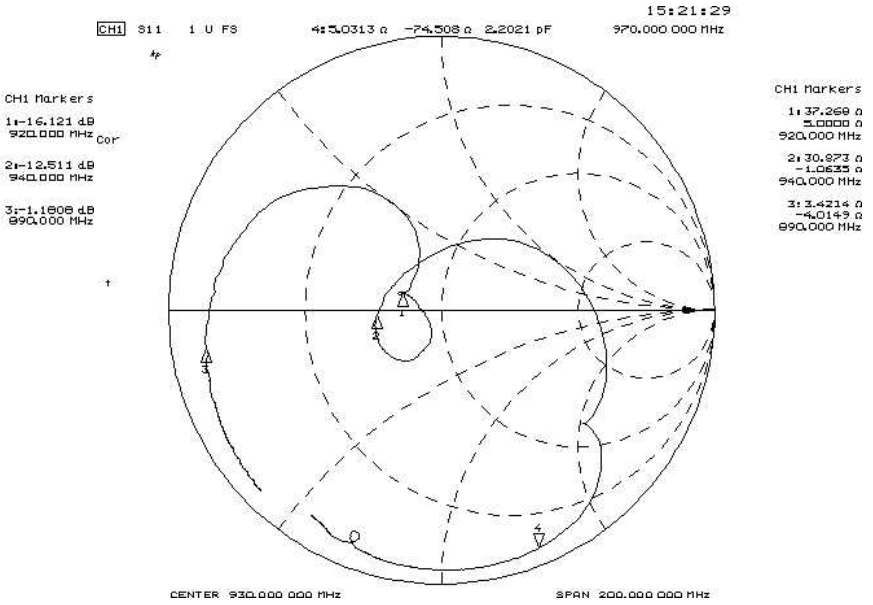




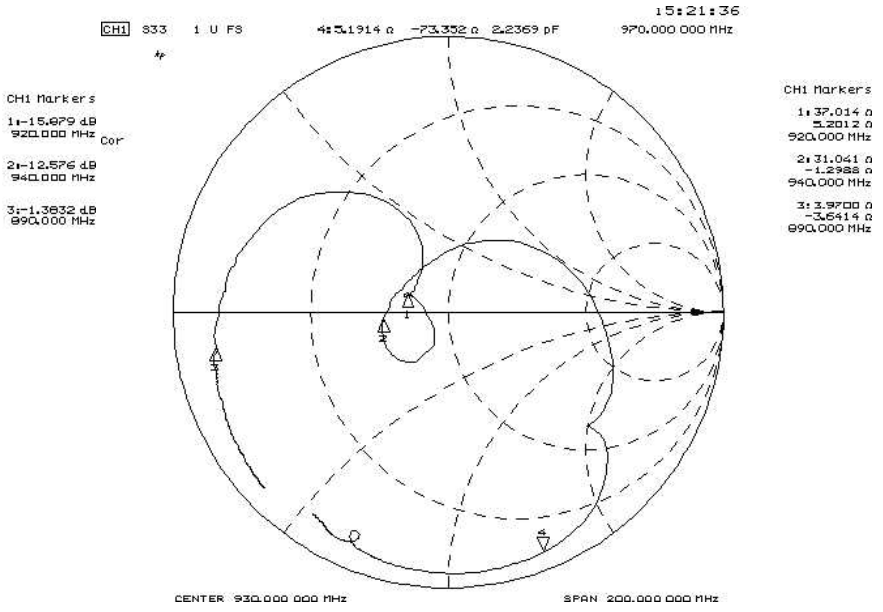
Reflections Functions :

S11

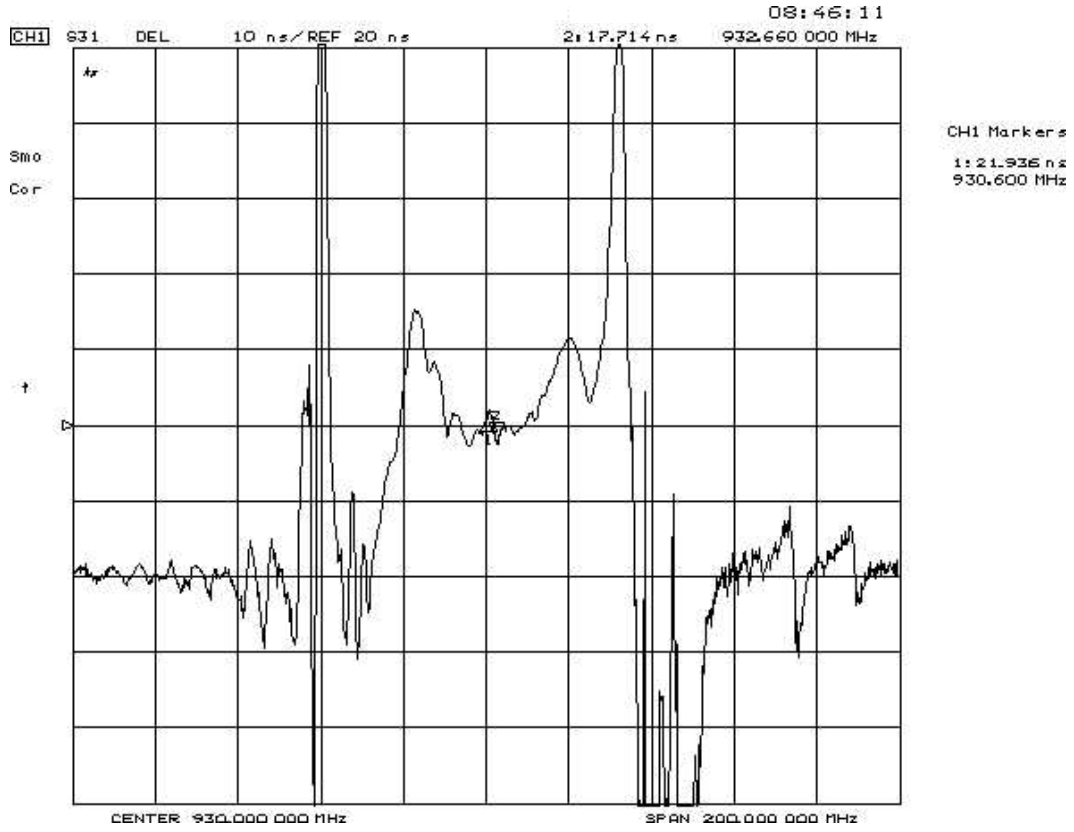




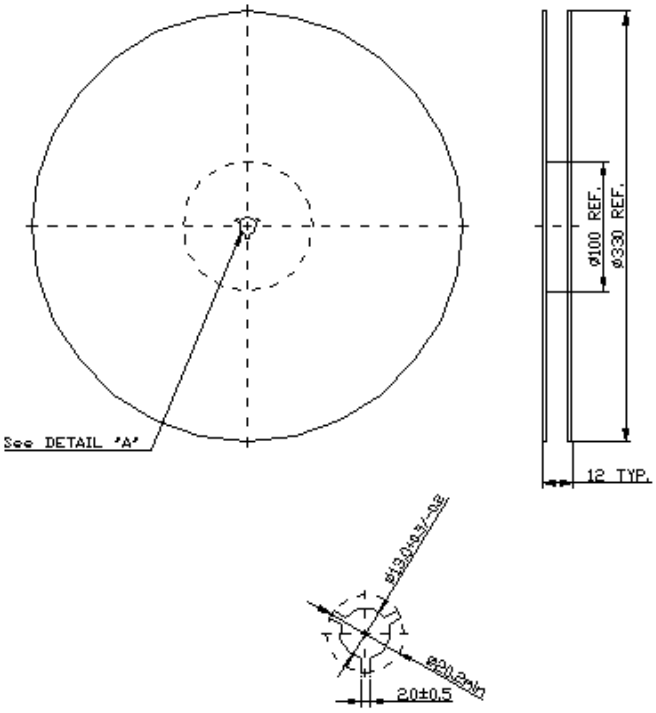
S22



Group Delay :


08:46:11
CH1 S31 DEL 10 ns/REF 20 ns 2:17.714 ns 932.660 000 MHz
Smo
Cor
CH1 Markers
1:21.936 ns
930.600 MHz
CENTER 930.000 000 MHz
SPAN 200.000 000 MHz

G. PACKING:



3. TAPE DIMENSION