



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:

Product Name: SAW Filter 976MHz

TST Parts No.: TA0244A

Customer Parts No.: _____

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

Checked by: Paul Ni *Paul*

Approval by: Francis Chen *[Signature]*

Date: 2009/02/10



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SAW Filter 976 MHz

MODEL NO.: TA0244A

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 0 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

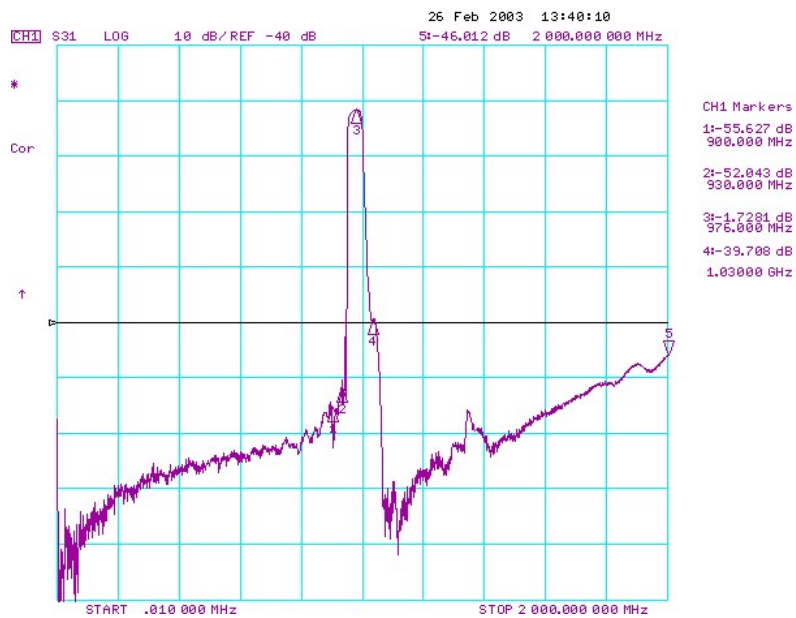
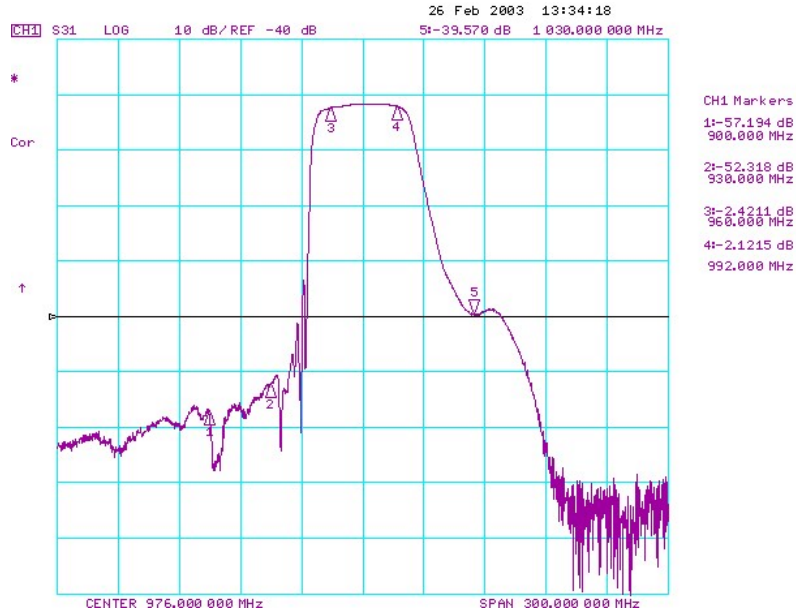
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item		Min.	Typ.	Max.
Center frequency	Fc MHz	-	976	-
Insertion loss	960 ~ 992 MHz IL (dB)	-	2.5	3.5
Amplitude ripple	960 ~ 992 MHz (dB)	-	0.8	1.8
Return loss	960 ~ 992 MHz	7.0	13	-
Attenuation (Reference level from 0 dB)				
	D.C. ~ 900 MHz (dB)	25	56	-
	900 ~ 930 MHz (dB)	35	51	-
	1030 ~ 2000 MHz (dB)	25	38	-
Source impedance	Z _s (Ω)	-	50	-
Load impedance	Z _L (Ω)	-	50	-

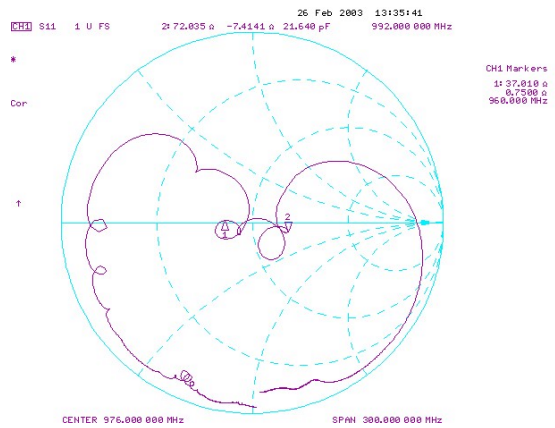
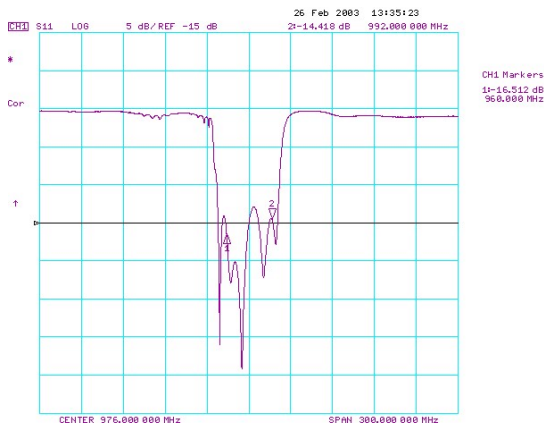
Note1. No matching network required for operation at 50 Ω

C. Frequency Characteristics :

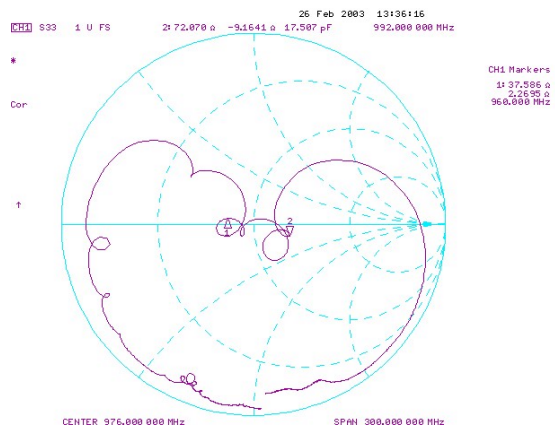
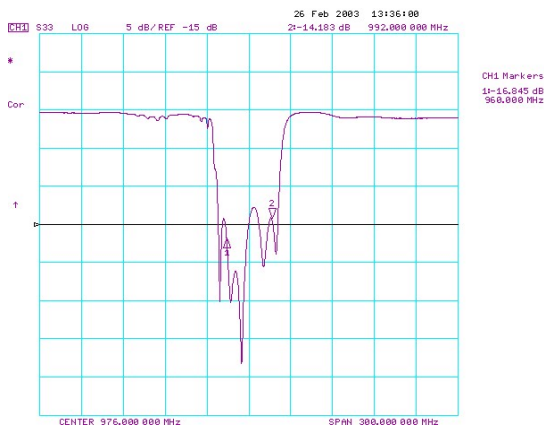


D.Reflections Functions :

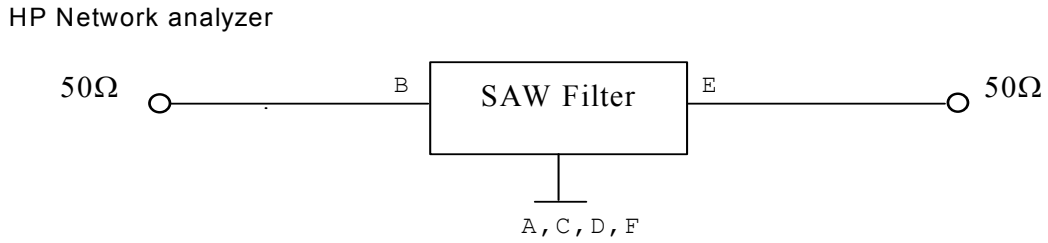
S11:



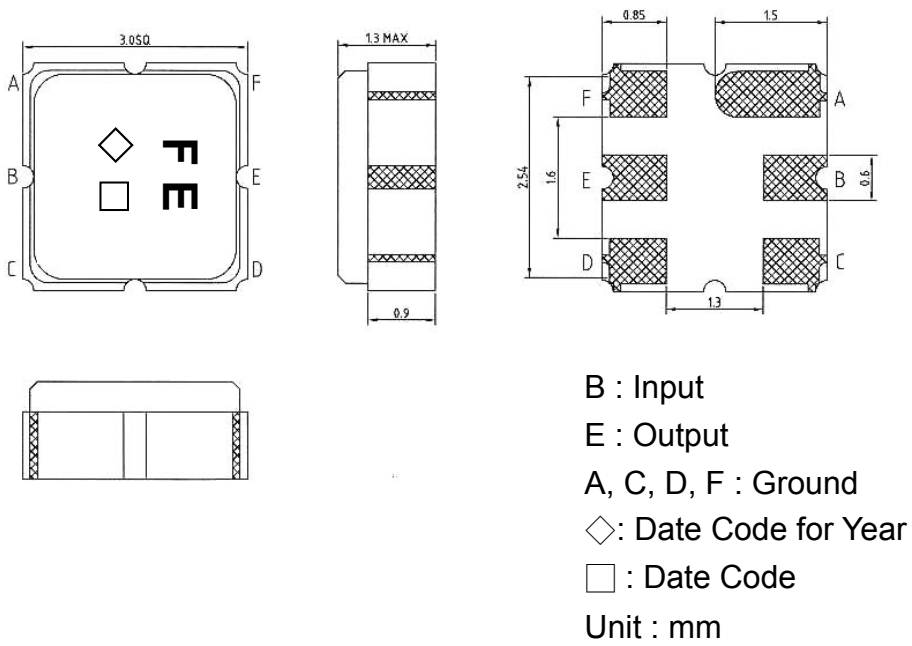
S22:



E. MEASUREMENT CIRCUIT:

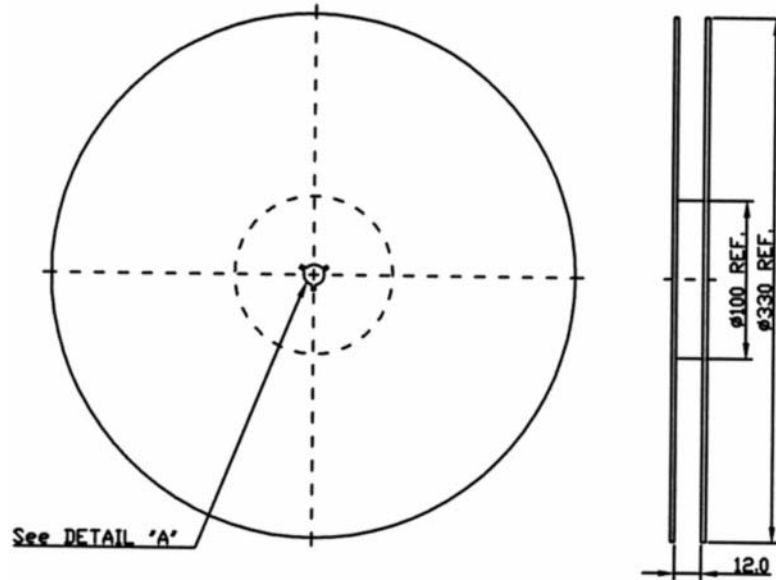


F. OUTLINE DRAWING:



G. PACKING:

1. REEL DIMENSION



$\phi 13.0$

2. TAPE DIMENSION

