



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 996MHz SMD 3.0×3.0mm

TST Parts No.: TA0674A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2007/04/30



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 996 MHz

MODEL NO.: TA0674A

REV. NO. 1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -20°C to 65°C
4. Storage Temperature: -40°C to +85°C

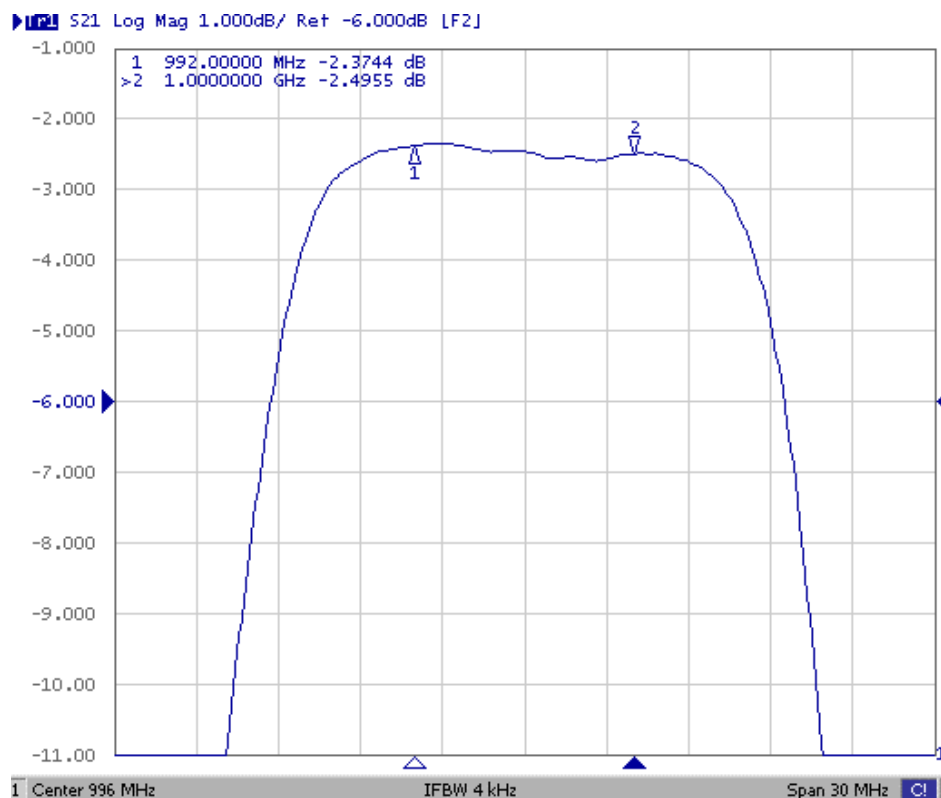
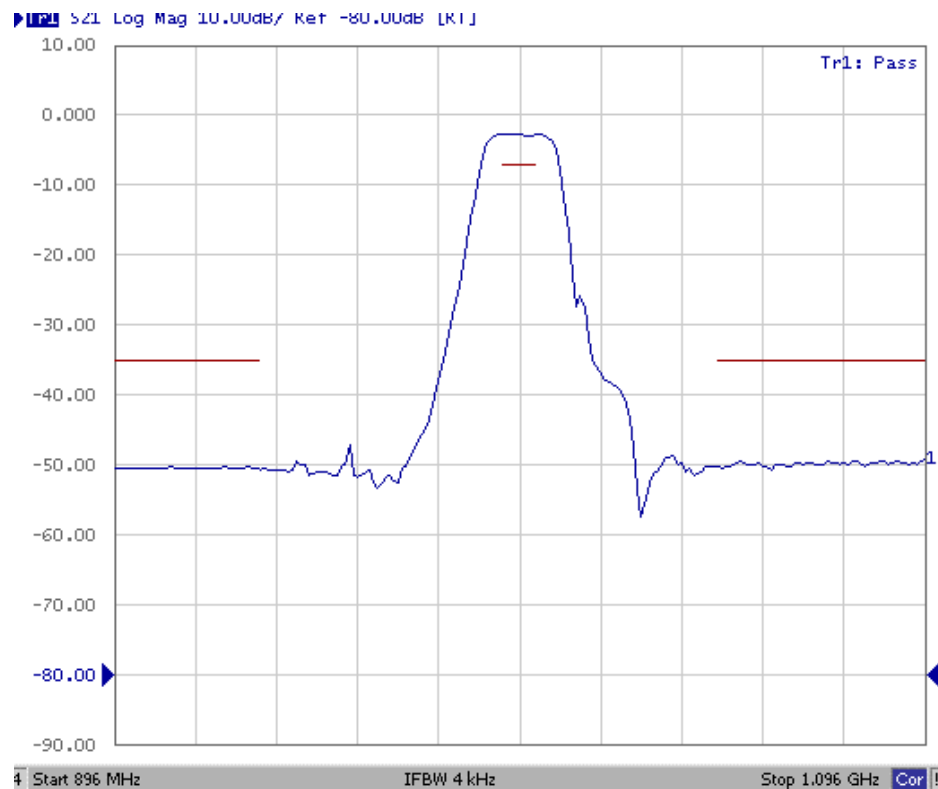
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

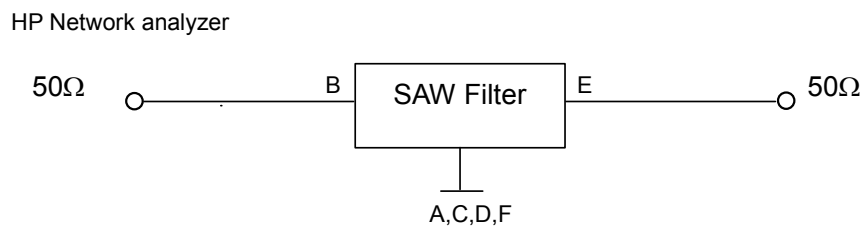
Item			Min.	Typ.	Max.
Center frequency	Fc	MHz	-	996	-
Insertion loss	992 ~ 1000 MHz	IL _{max} (dB)	-	2.8	4.0
Amplitude ripple	992 ~ 1000 MHz	(dB)	-	0.5	2.0
Attenuation (Relative to 0 dB)					
10.0 ~ 840.0 MHz		(dB)	45	49	-
840.0 ~ 932.0 MHz		(dB)	40	46	-
932.0 ~ 945.0 MHz		(dB)	30	41	-
1045 ~ 1200 MHz		(dB)	40	45	-
Source impedance	Zs	(Ω)	-	50	-
Load impedance	ZL	(Ω)	-	50	-

Note1. No matching network required for operation at 50Ω

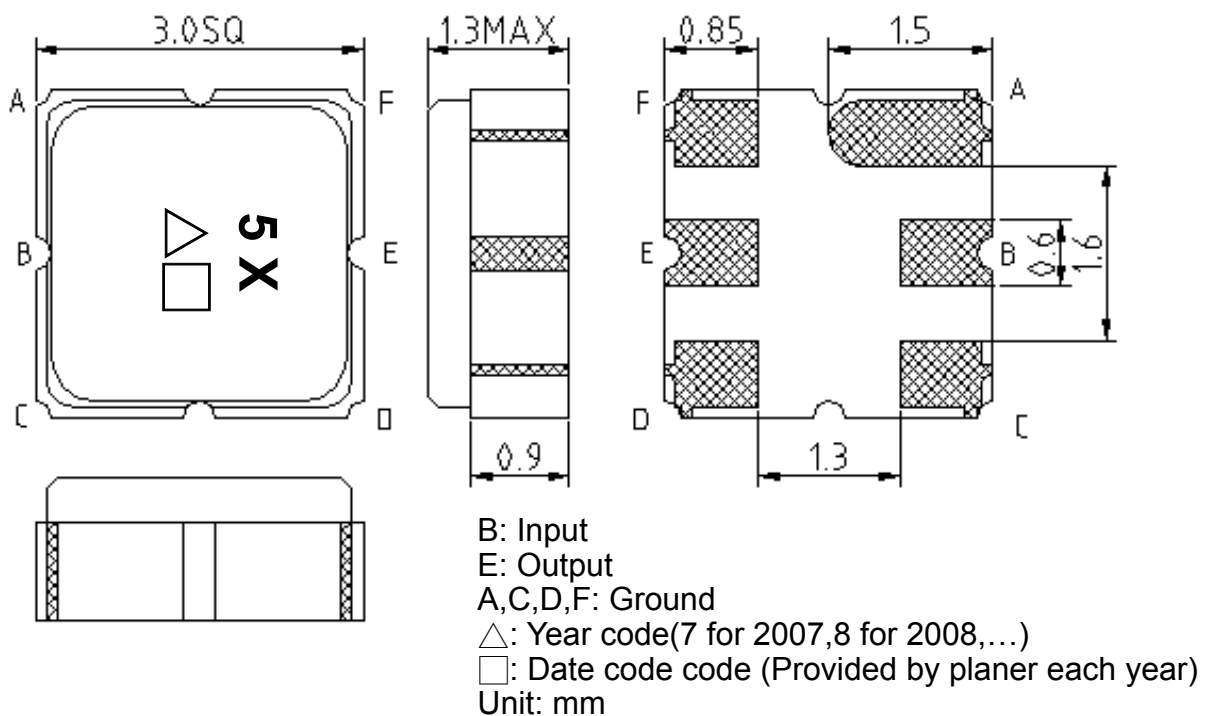
C. TRANSFER FUNCTION :



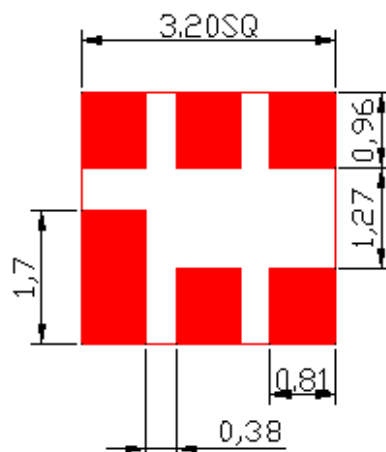
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:



1. REEL DIMENSION

Technical drawing of a circular part. The main view shows a large circle with a central hole. A dashed circle indicates a reference diameter of $\phi 100$. A dashed circle indicates a reference diameter of $\phi 330$. A dimension of 12.0 is shown for the thickness of the part. A detail callout 'A' points to the central hole. The detail view shows a cross-section of the hole with a diameter of $\phi 30.2$ and a thickness of 2.0. The detail view also shows a diameter of $\phi 13.0$ for the hole's opening.

[illegible]

H.RECOMMENDED REFLOW PROFILE:

