

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: Jan, 22, 2009

Product Name: SAW Filter 1472 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0926A

Customer Parts No.: _____

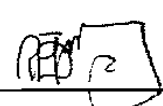
Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approval by: _____ Francis Chen 

Date: _____ 1, 22, 2009



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 1472 MHz

MODEL NO.:TA0926A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

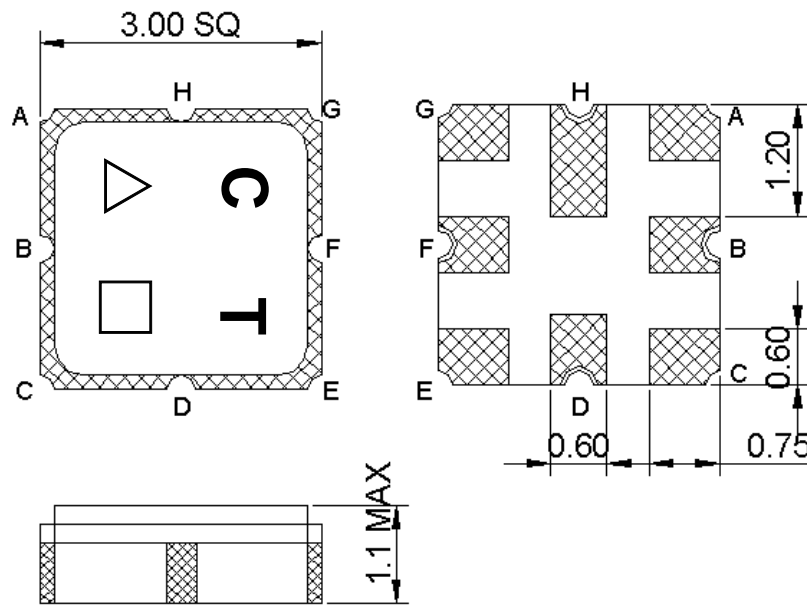
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance (unbalanced) : $Z_s = 50 \Omega$

Terminating load impedance (balanced) : $Z_L = 100 \Omega$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1472	-	-
Insertion Loss in 1452~1492 MHz	dB	-	3.5	4.5	-
Amplitude ripple (1452 MHz ~ 1492 MHz)	dB	-	1	2	-
Group Delay ripple (1452 MHz ~ 1492 MHz)	ns	-	8	40	-
Input Return Loss (1452 MHz ~ 1492 MHz)	dB	6.5	8	-	-
Output Return Loss (1452 MHz ~ 1492 MHz)	dB	8.8	10.5	-	-
Attenuation					
880 ~ 915 MHz	dB	50	54	-	-
1410 MHz	dB	30	35	-	-
1530 ~ 1570 MHz	dB	15	29	-	-
1575 MHz	dB	30	38	-	-
1710 ~ 1785 MHz	dB	35	40	-	-
1920 ~ 1980 MHz	dB	35	37.5	-	-
2400 ~ 2500 MHz	dB	26	31.5	-	-

C.OUTLINE DRAWING:



B : Unbalanced Input

G, E : Balanced Output

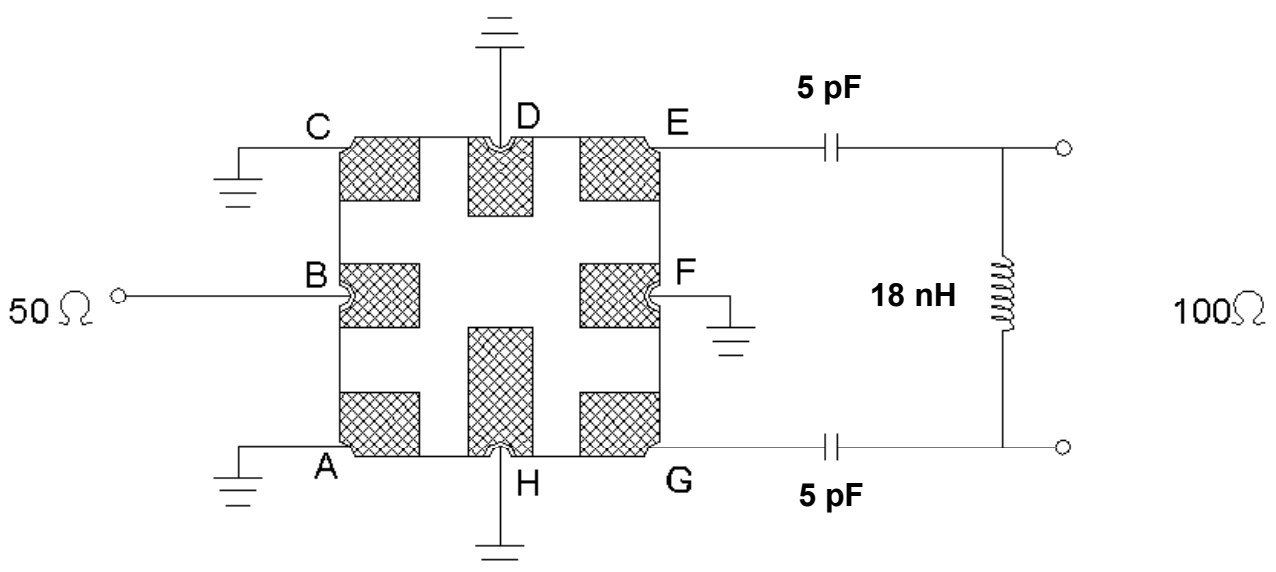
A,C,D,F,H : Ground

△ : Year code (2005->5, 2006->6, ...)

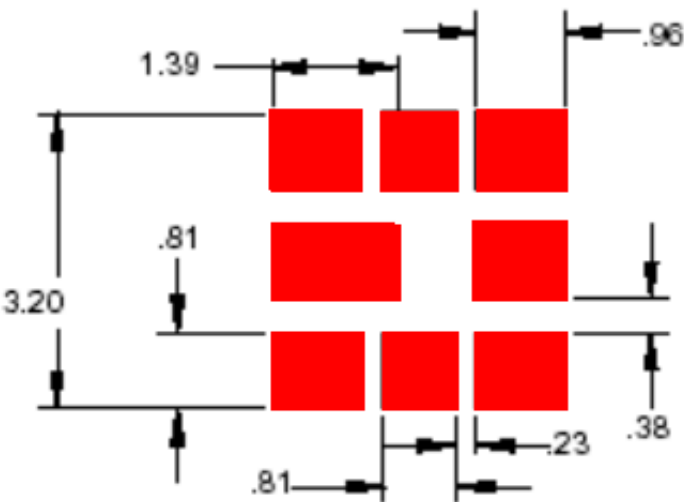
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

Unit : mm

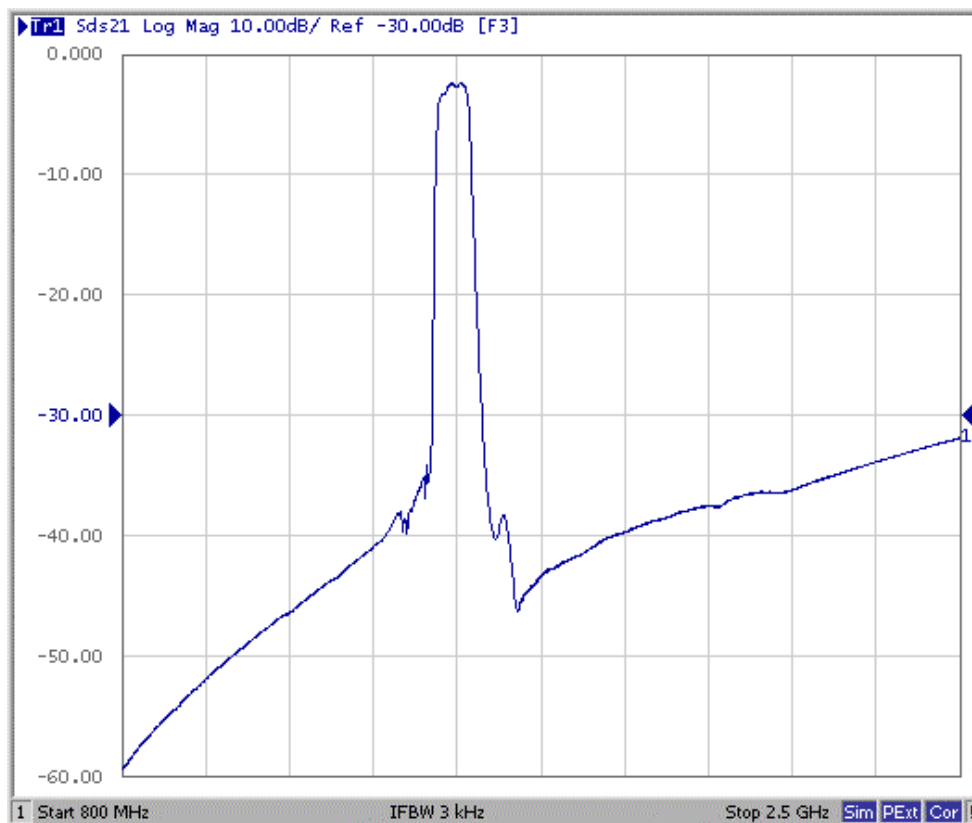
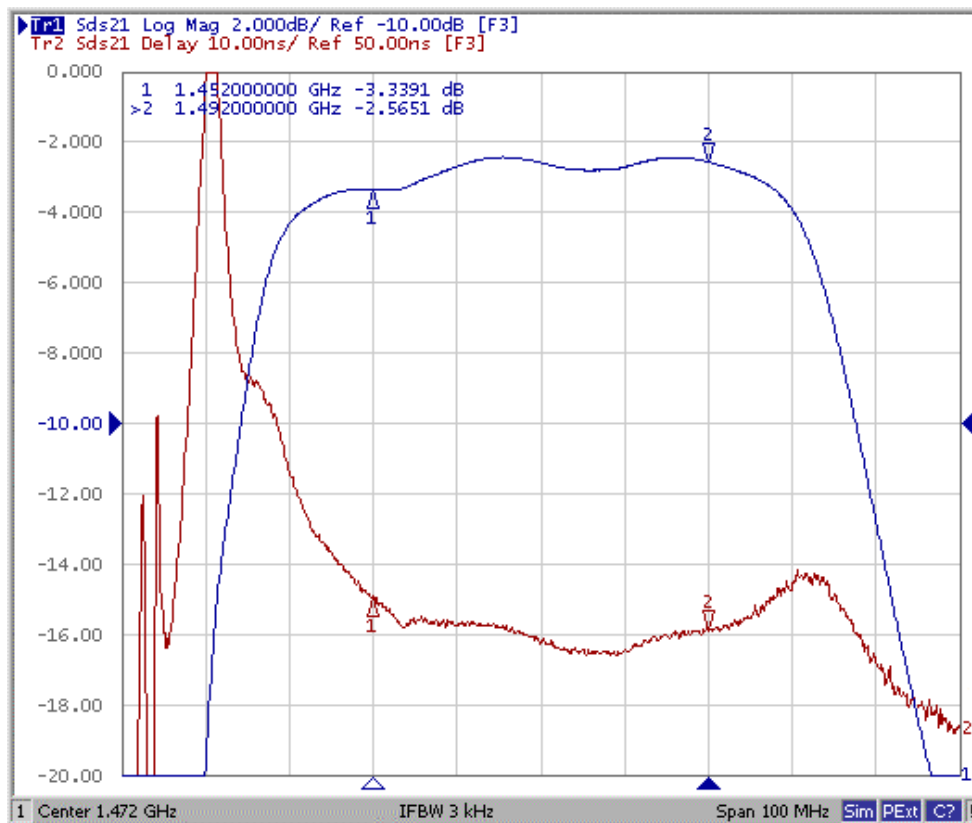
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:

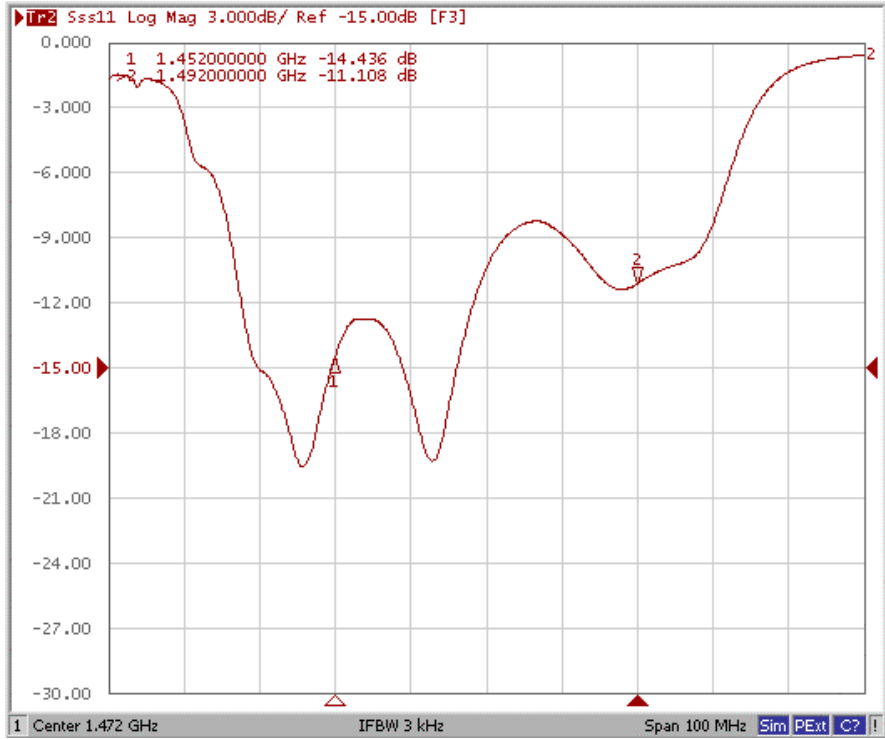


F. Frequency Characteristics :

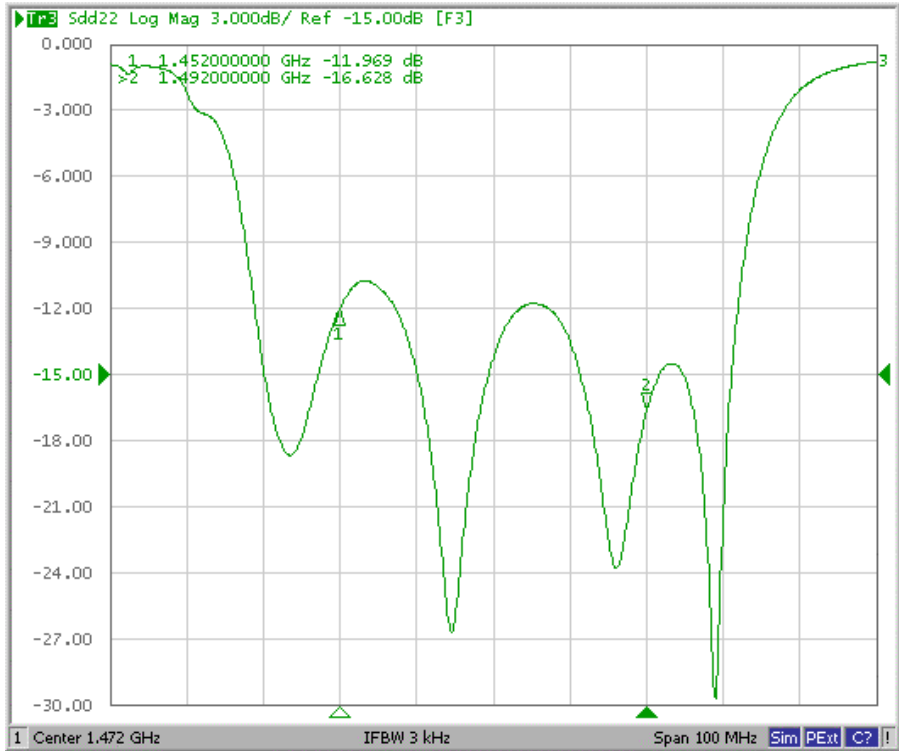


Reflection Functions :

S11



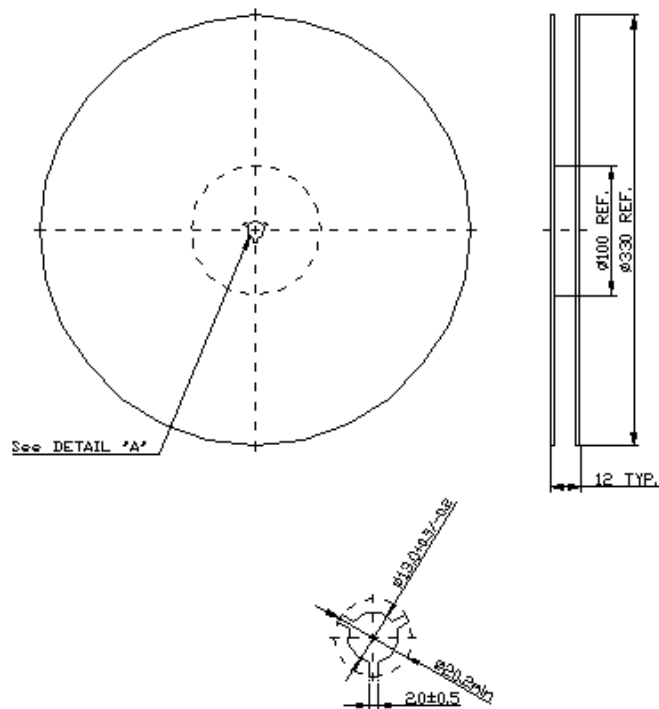
S22



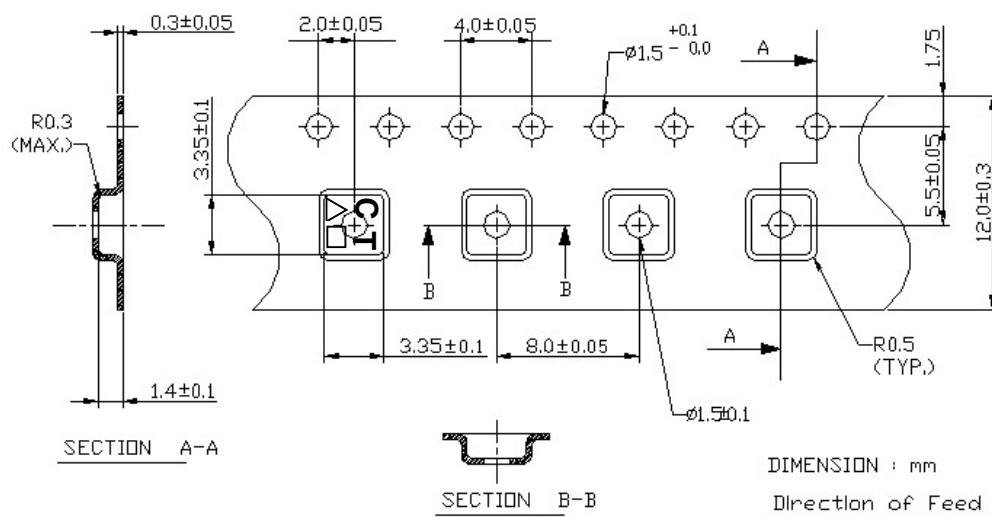
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

