



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: Dec, 24, 2008

Product Name: SAW Filter 387.5 MHz SMD 5X5 mm

TST Parts No.:TA0964A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau *Bob Chau*

Approval by: _____ Francis Chen

Date: _____ 12, 24, 2008



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 387.5 MHz

MODEL NO.: TA0964A

REV. NO.:1

A. MAXIMUM RATING:

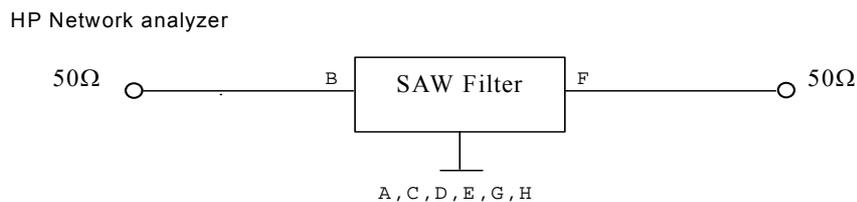
1. Input Power Level: 10 dBm
2. DC voltage: 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

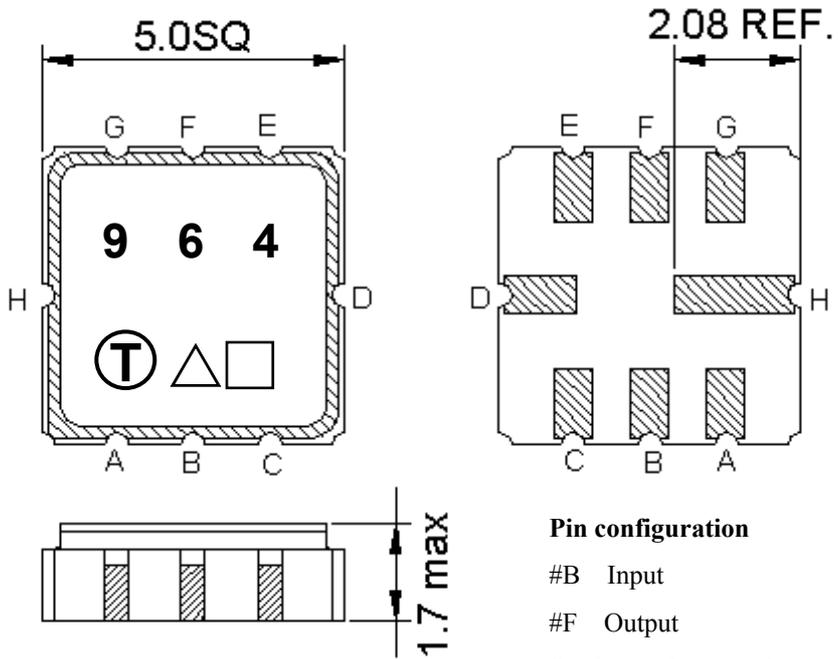
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency F_o	MHz	-	387.5	-
Insertion loss (385 ~ 390 MHz) IL	dB	-	1.9	3
Amplitude Ripple (385 ~ 390 MHz)	dB	-	0.5	2
2 dB bandwidth $BW-2$	MHz	7.5	11	-
Attenuation (Reference level from 0 dB)				
287.5 to 342.5 MHz	dB	40	60	-
432.5 to 442.5 MHz	dB	35	58	-
442.5 to 487.5 MHz	dB	30	57	-
Source impedance Z_s	Ω	-	50	-
Load impedance Z_L	Ω	-	50	-
Temperature Coefficient	ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:



Pin configuration

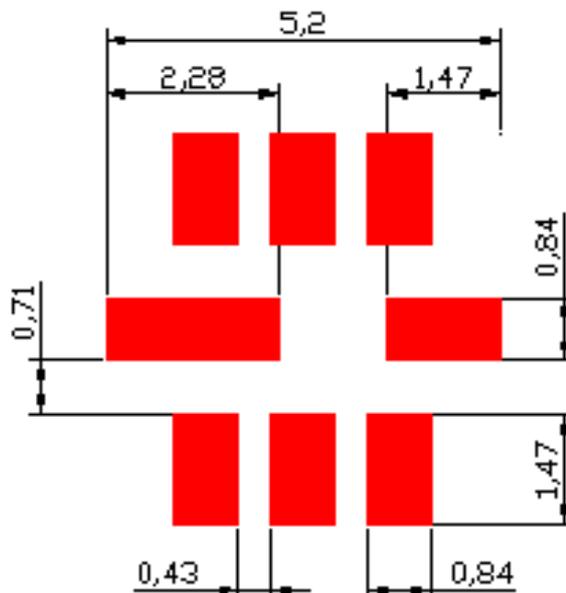
- #B Input
- #F Output
- #A,C,D,E,G,H To be grounded
- △ Year code
- Date code (W01->A,...W52->z)

Unit mm

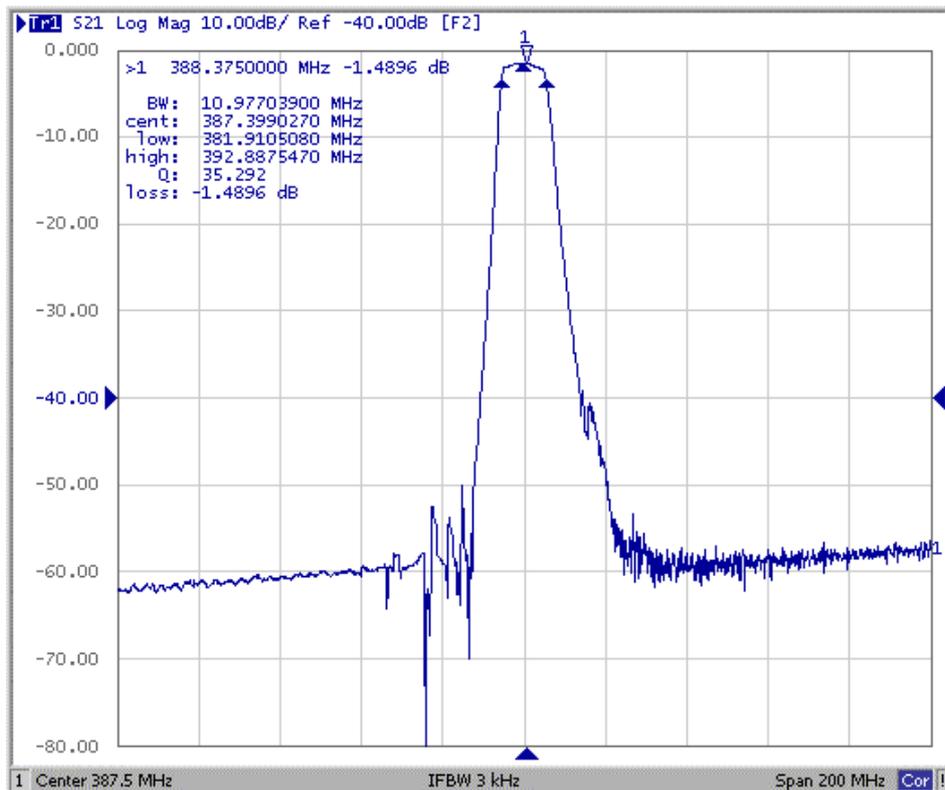
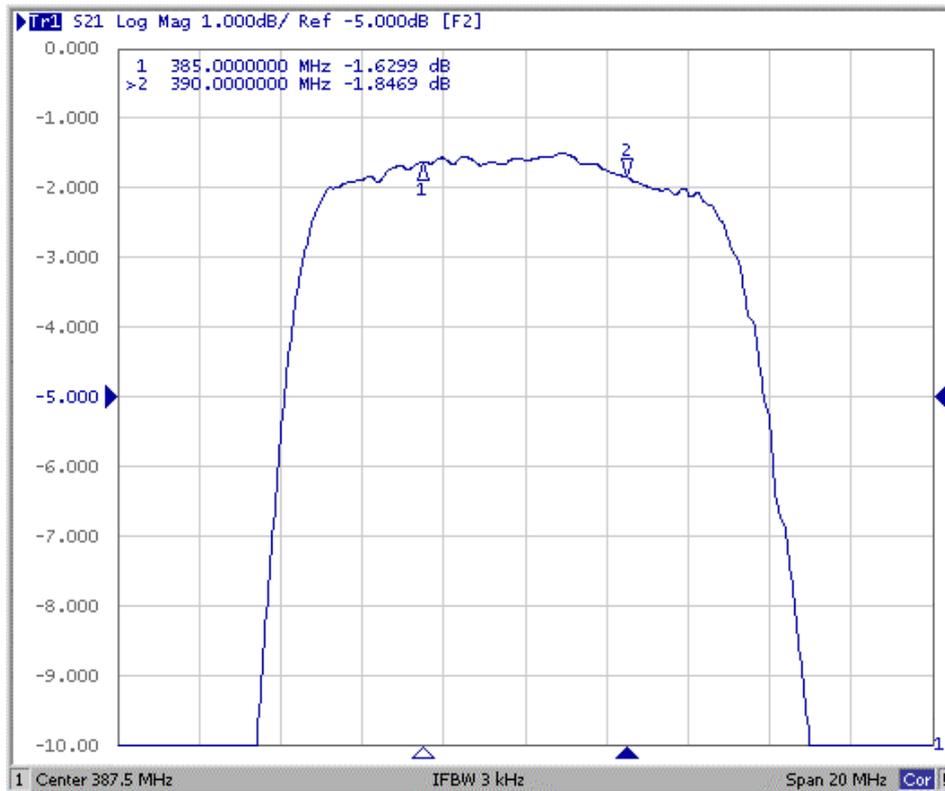
△ : Product / Year Code

Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	A	a	<u>A</u>	<u>a</u>

E. PCB Footprint:

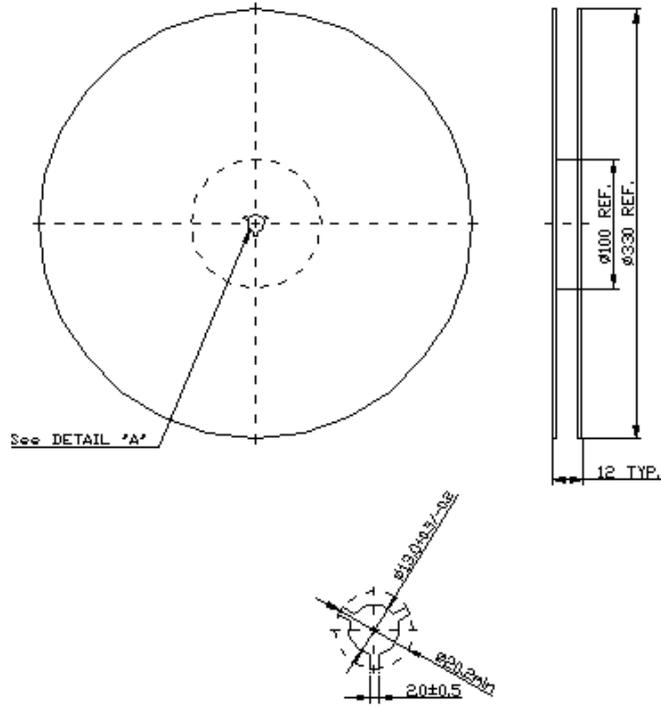


F. Frequency Characteristics : Transfer function

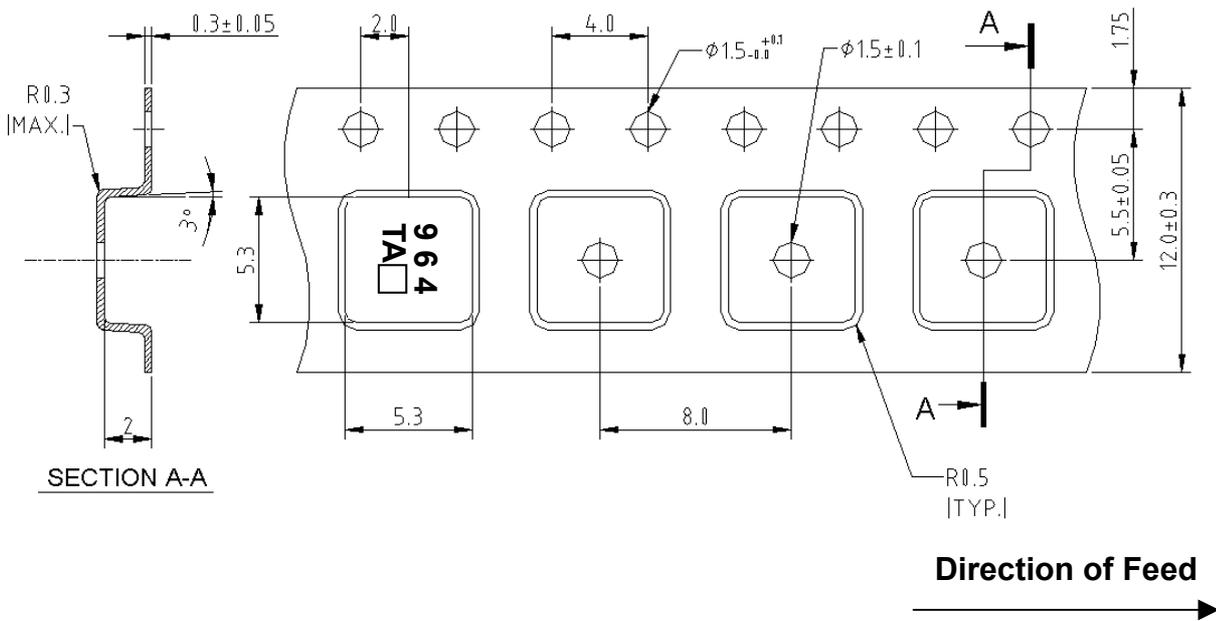


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



G.RECOMMENDED REFLOW PROFILE:

