



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 947.5MHz SMD 3.0×3.0mm

TST Parts No.:TA0373A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2004/08/30



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SAW Filter 947.5 MHz

MODEL NO.: TA0373A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: 15°C to +35° C
4. Storage Temperature: -40° C to +85° C

RoHS Compliant
Lead free
Lead-free soldering

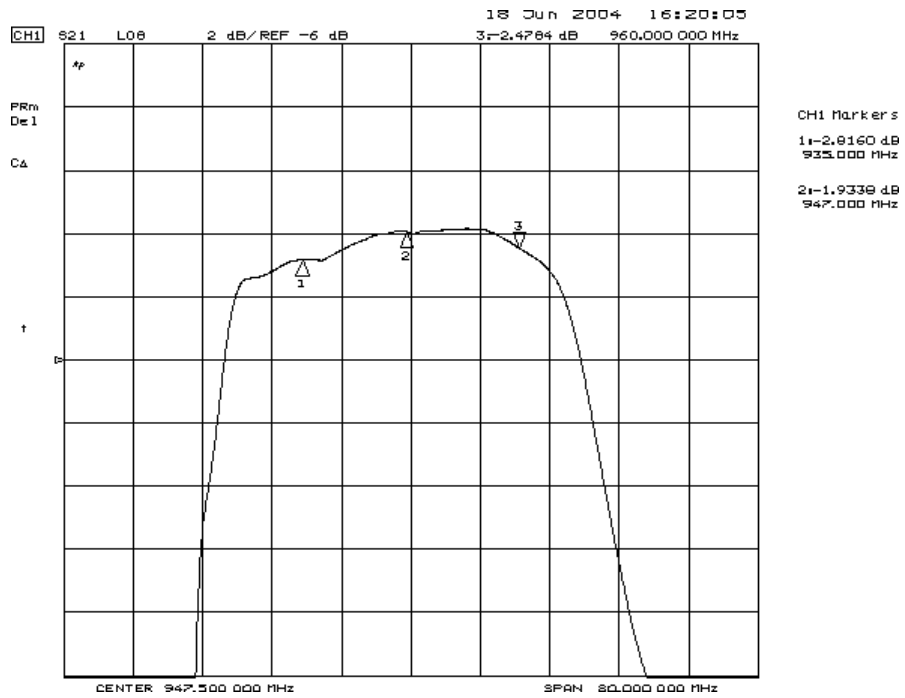
B. ELECTRICAL CHARACTERISTICS:

Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	F _c	MHz	-	947.5	-
Insertion Loss	935~960 MHz	dB	-	2.9	4.3
Ripple	935~960 MHz	dB	-	1.2	2.4
Absolute Attenuation					
800 ~ 900	MHz	dB	40	47	-
1050 ~ 1095	MHz	dB	40	47	-
Source impedance	Z _s	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

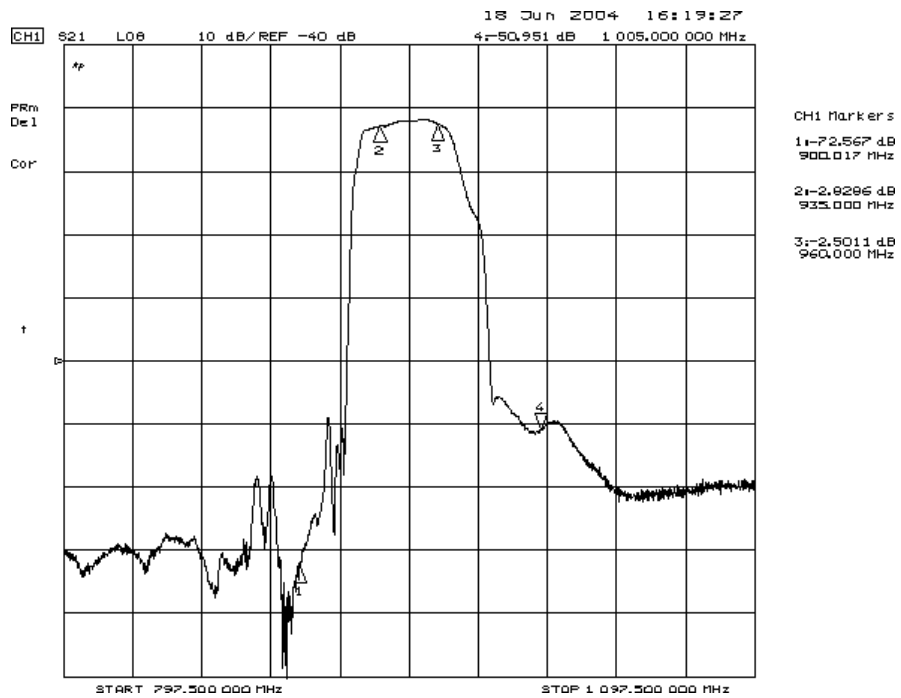
Note1. No matching network required for operation at 50 Ω

C. Frequency Characteristics :

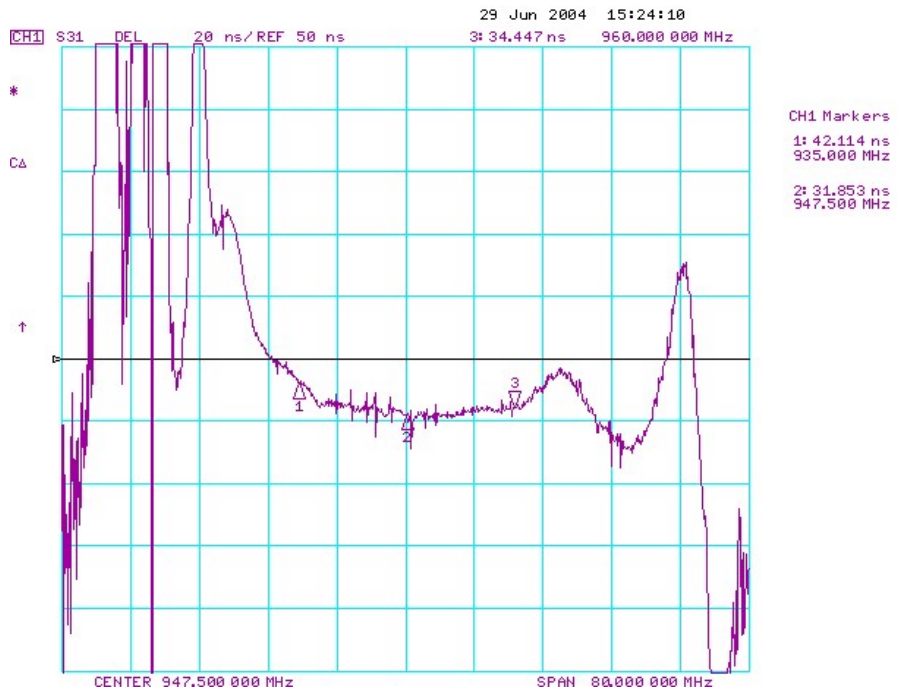
Inband



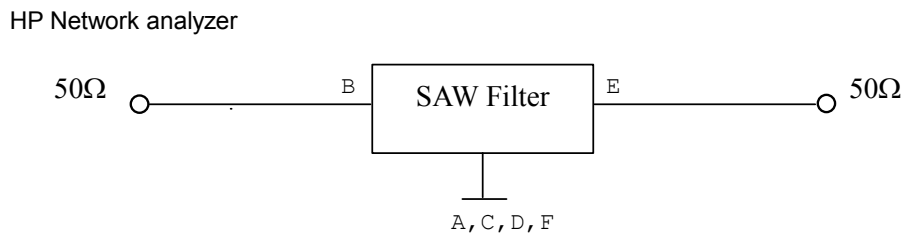
Wideband



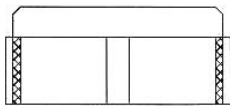
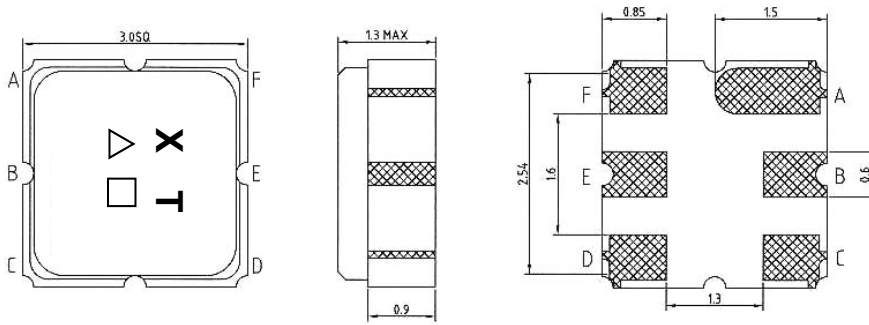
Group delay



D.MEASUREMENT CIRCUIT:

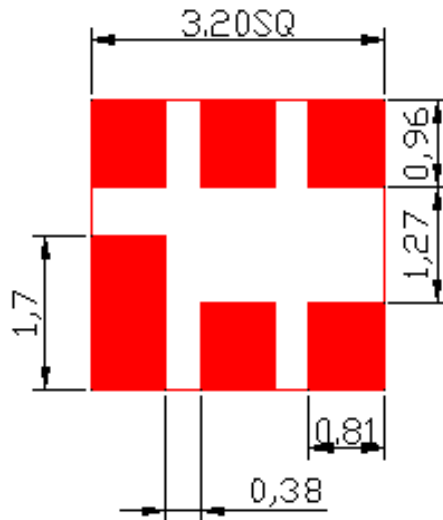


E. OUTLINE DRAWING:



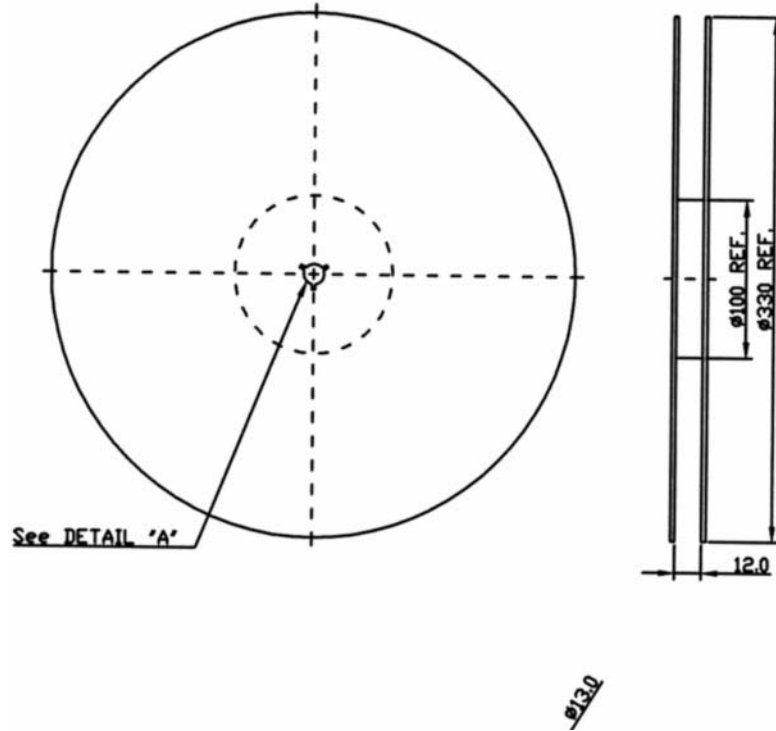
B : Input
 E : Output
 A, C, D, F : Ground
 △ : Date Code for Year
 □ : Date Code
 Unit : mm

F. PCB Footprint:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

