



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 912.1MHz SMD 3.8×3.8mm

TST Parts No.:TA0530A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2005/11/25



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SAW Filter 912.1 MHz

MODEL NO.: TA0530A

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

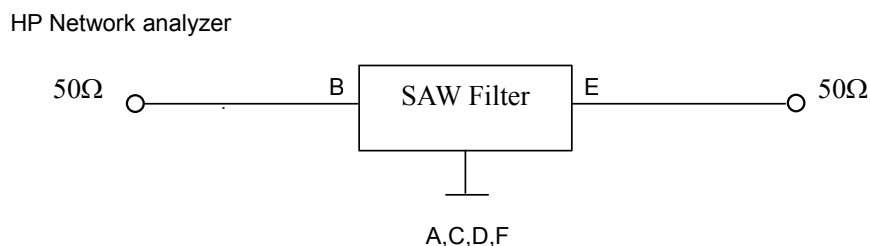
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

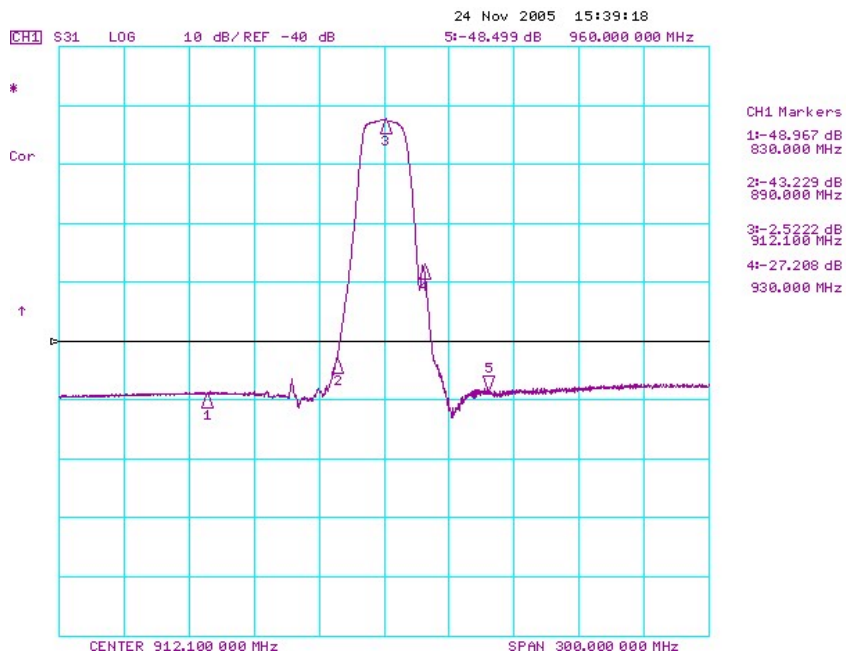
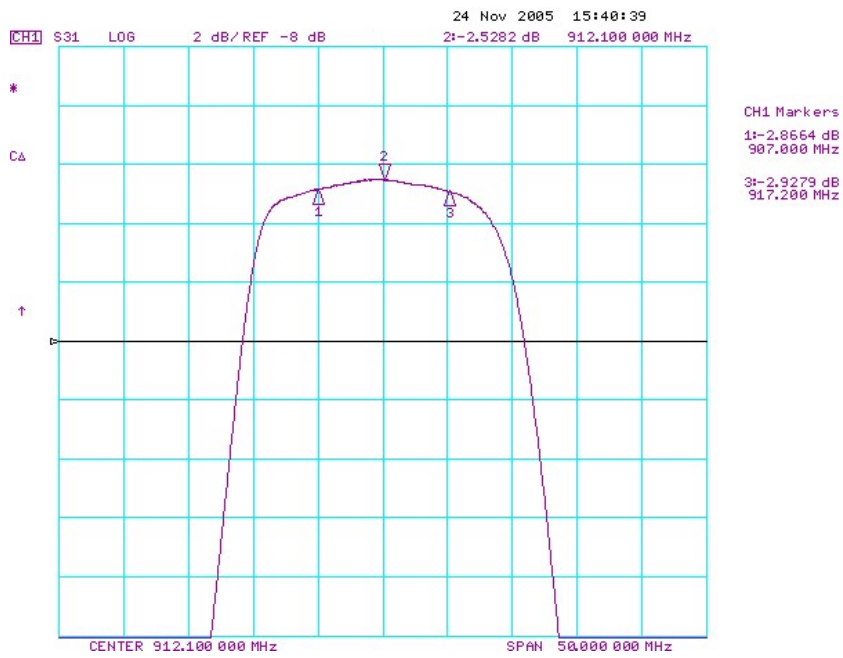
Item			Min.	Typ.	Max.
Center frequency	Fc	MHz	-	912.1	-
Insertion loss	907.0 ~ 917.2 MHz IL	(dB)	-	2.95	4.1
Amplitude ripple	907.0 ~ 917.2 MHz	(dB)	-	0.5	1.8
Attenuation (Reference level from 0dB)					
	10 ~ 830 MHz	(dB)	40	48	-
	830 ~ 890 MHz	(dB)	30	41	-
	930 ~ 960 MHz	(dB)	14	27	-
	960 ~ 1200 MHz	(dB)	40	46	-
Source impedance	Zs	(Ω)	-	50	-
Load impedance	ZL	(Ω)	-	50	-

Note1. No matching network required for operation at 50Ω

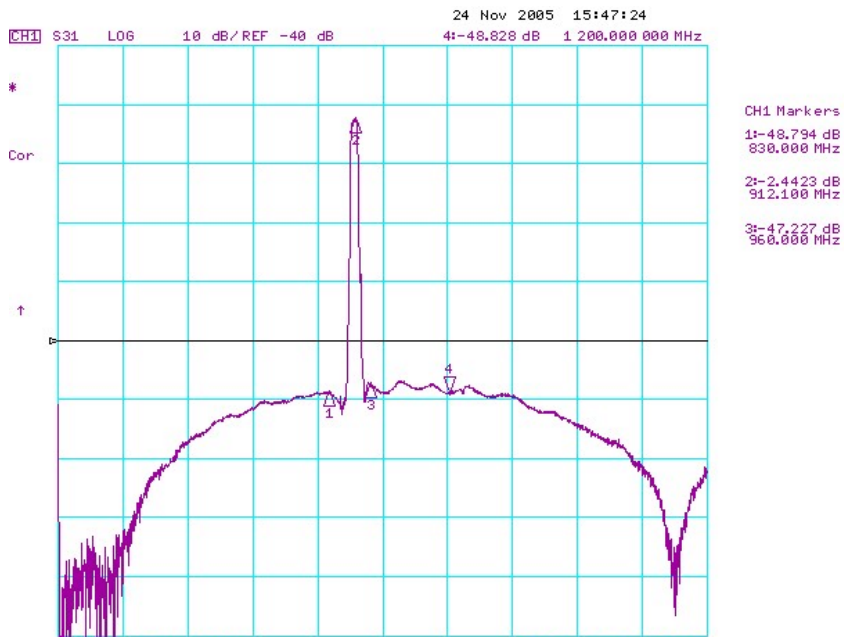
C. MEASUREMENT CIRCUIT:



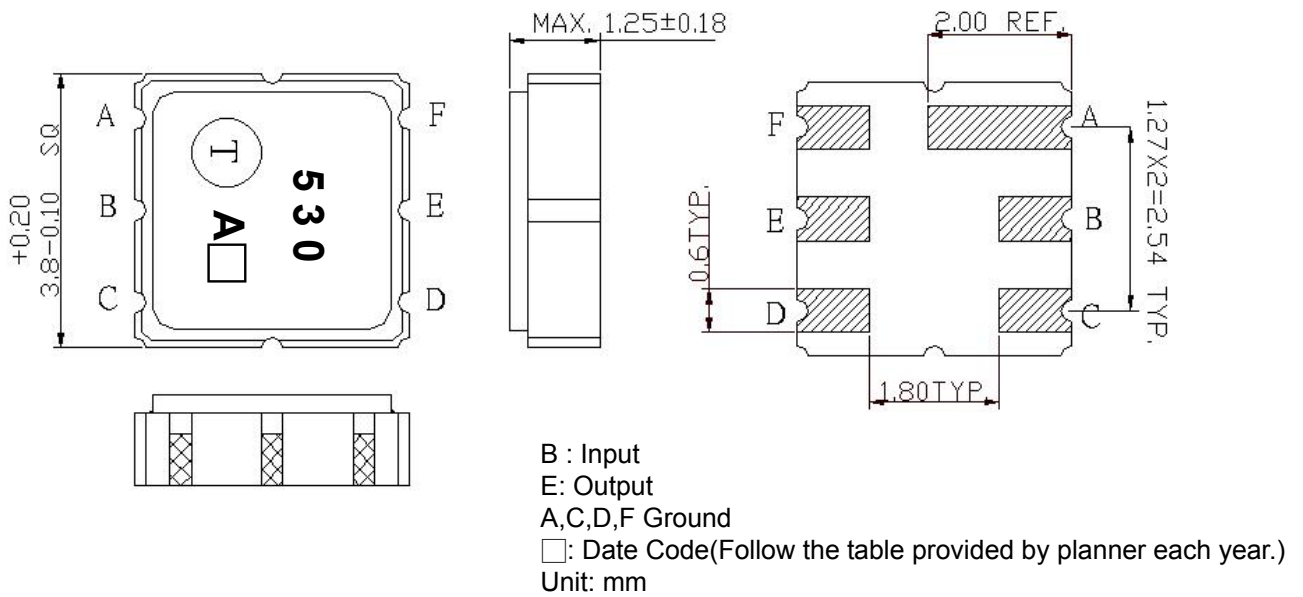
D. TRANSFER FUNCTION :



Wideband



E.OUTLINE DRAWING:



F.PCB FOOTPRINT:

