



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: April, 14, 2006

Product Name: SAW Filter 930.5 MHz

TST Parts No.: TA930H1

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 14, 2006



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 930.5MHz

MODEL NO.:TA930H1

REV. NO.:4

A. MAXIMUM RATING:

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

RoHS Compliant

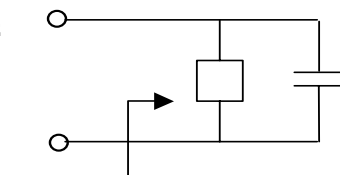
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency F_c	MHz	-	930.5	-	-
Insertion Loss (928.5 ~ 932.5 MHz) IL	dB	-	3.2	4.5	-
Amplitude Ripple (928.5 ~ 932.5 MHz)	dB	-	0.5	2	-
Relative Attenuation (relative to 0 dB)					
400 ~ 880 MHz	dB	35	50	-	-
884.8 ~ 890.2 MHz	dB	45	50	-	-
906.8 ~ 911.2 MHz	dB	30	41	-	-
980 ~ 1300 MHz	dB	35	60	-	-
Impedance at F_c ; Input Impedance		50-j57ohm			
Output Impedance		50-j57ohm			

Source impedance

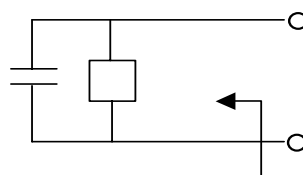
50Ω



$Z_{IN}=50-j57ohm$

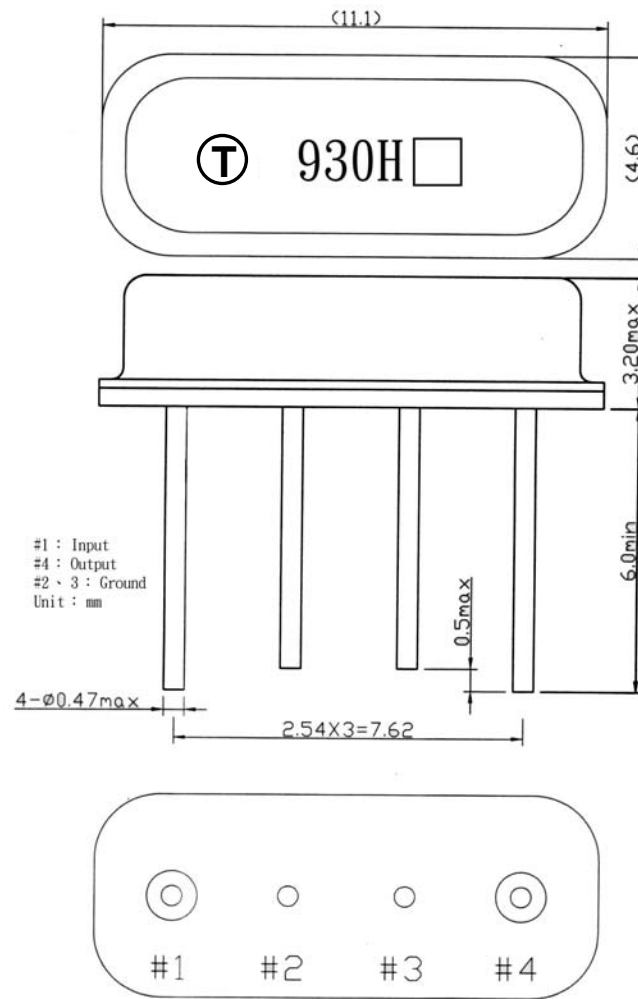
Load impedance

50Ω



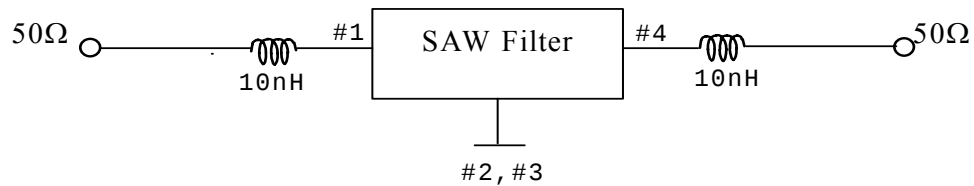
$Z_{OUT}=50-j57ohm$

C.OUTLINE DRAWING:

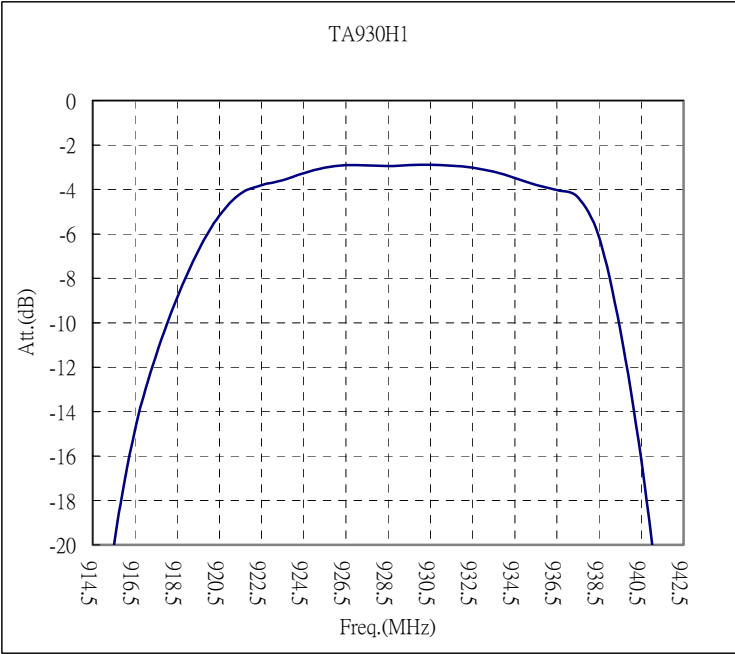
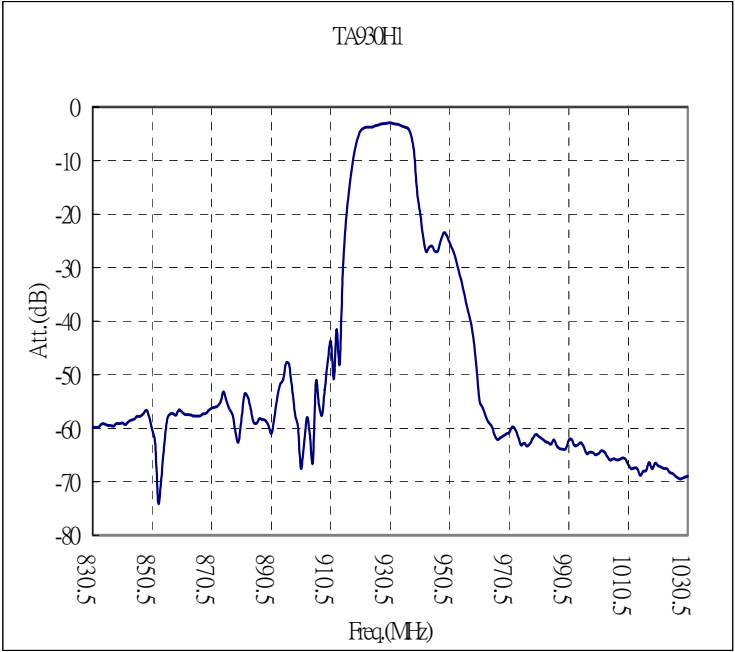


D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. Frequency Characteristics :



F. RECOMMENDED REFLOW PROFILE :

