



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 446MHz SMD 3.8x3.8mm

TST Parts No.:TA0381A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2004/07/14



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SAW Filter 446 MHz

MODEL NO.: TA0381A

REV.NO.:1

A. MAXIMUM RATING:

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

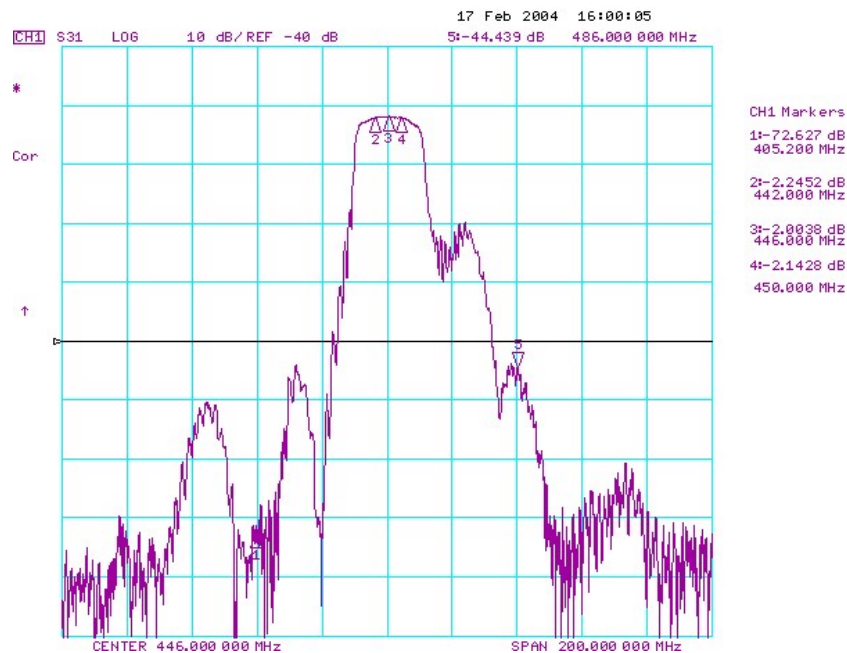
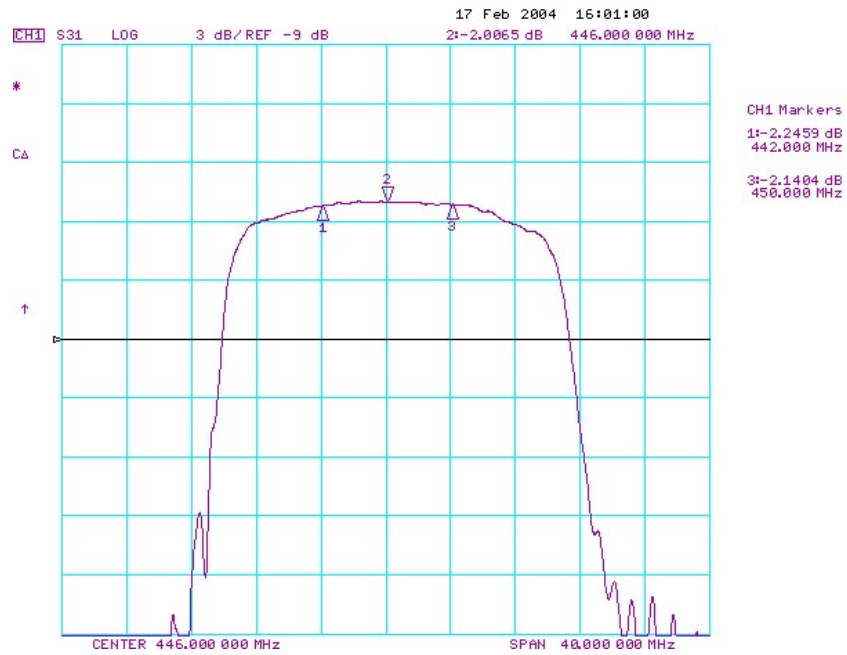
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

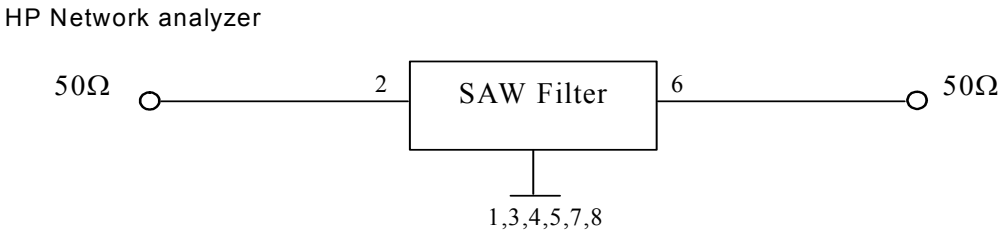
Item				Min.	Typ.	Max.
Center frequency		Fc	MHz	-	446	-
Insertion loss	(Fc +/- 4MHz)	IL	(dB)	-	2.3	4.5
Amplitude ripple	(Fc +/- 4MHz)		(dB)	-	0.3	2.5
Attenuation (Reference level from 0 dB)						
Fc-100 ~ Fc-40.8 MHz			(dB)	43	50	-
Fc+40 ~ Fc+100 MHz			(dB)	38	44	-
Source impedance		Zs	(Ω)	-	50	-
Load impedance		ZL	(Ω)	-	50	-

Note1. No matching network required for operation at 50 Ω

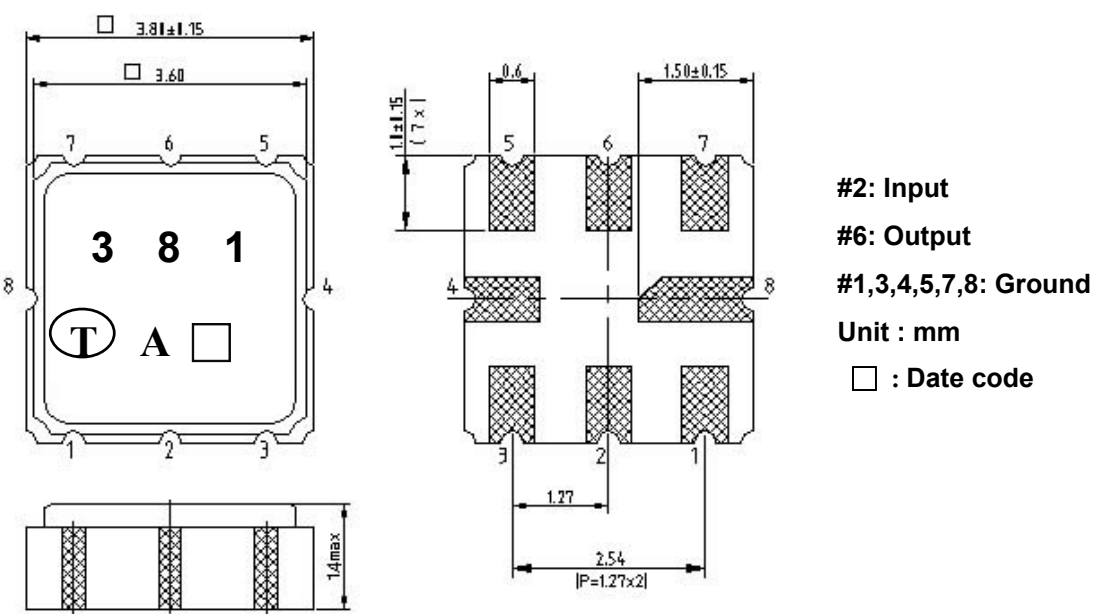
C. Frequency Characteristics :



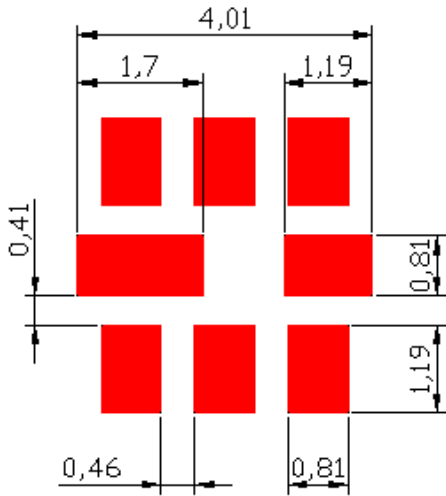
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:



1. REEL DIMENSION

[illegible][illegible]