



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 403.5MHz SMD 3.8x3.8 mm

TST Parts No.:TA0489A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2005/08/15



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SAW Filter 403.5 MHz

MODEL NO.: TA0489A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: 32°C to 42°C
4. Storage Temperature: -40°C to +85°C

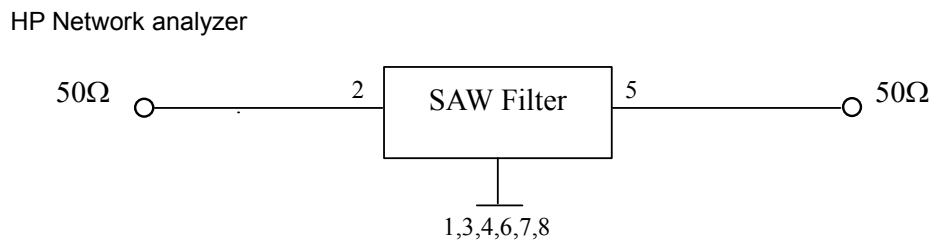
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item			Min.	Typical	Max.
Center frequency	Fc	MH	-	403.5	-
Insertion loss	402 ~ 405 MHz	IL	-	1.85	3.0
Amplitude ripple	402 ~ 405 MHz		-	0.45	1.3
VSWR	402 ~ 405 MHz			1.5	2.0
Attenuation (Reference level from 0 dB)					
303.5 ~ 358.5	MHz	dB	40	65	-
358.5 ~ 388.5	MHz	dB	35	53	-
423.5 ~ 448.5	MHz	dB	35	47	-
448.5 ~ 503.5	MHz	dB	40	61	-
Temperature coefficient of frequency		ppm/k	-	-37	-
Source impedance	Zs	Ω	-	50	-
Load impedance	ZL	Ω	-	50	-

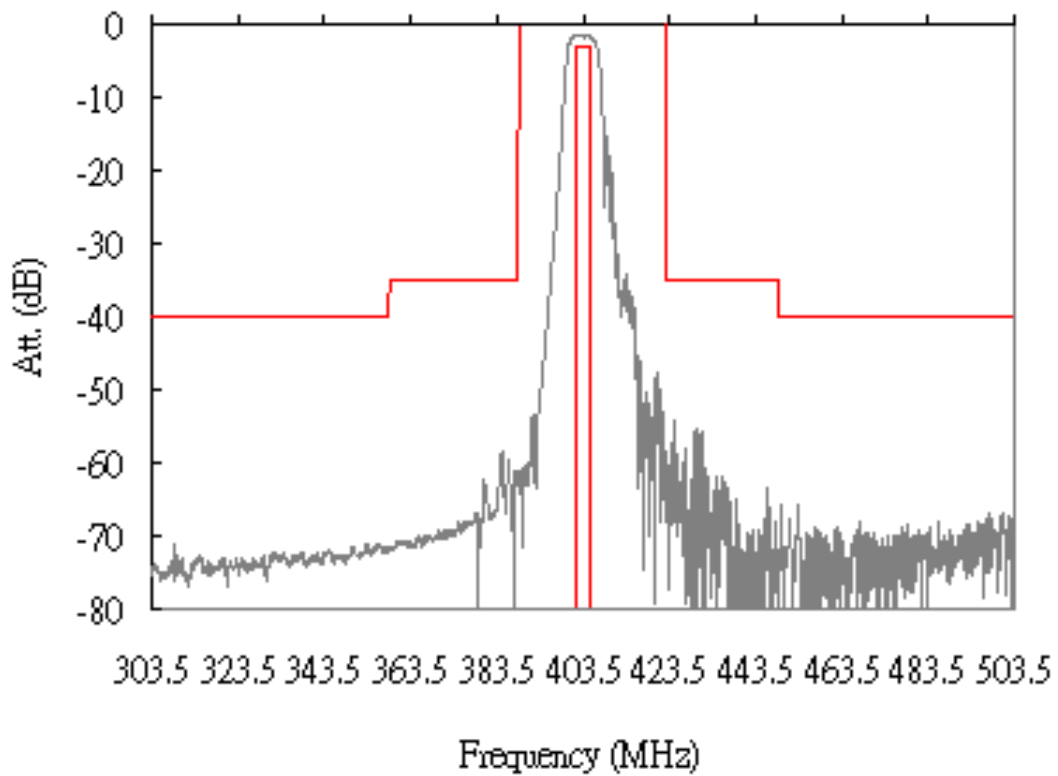
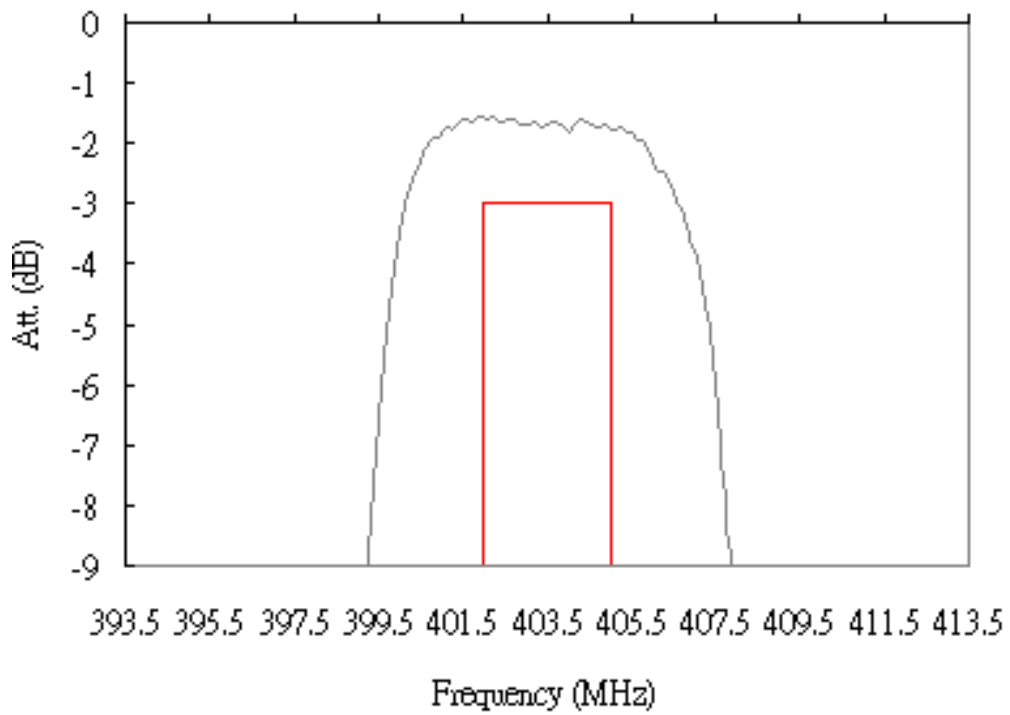
Note1. No matching network required for operation at 50 Ω

C. MEASUREMENT CIRCUIT:



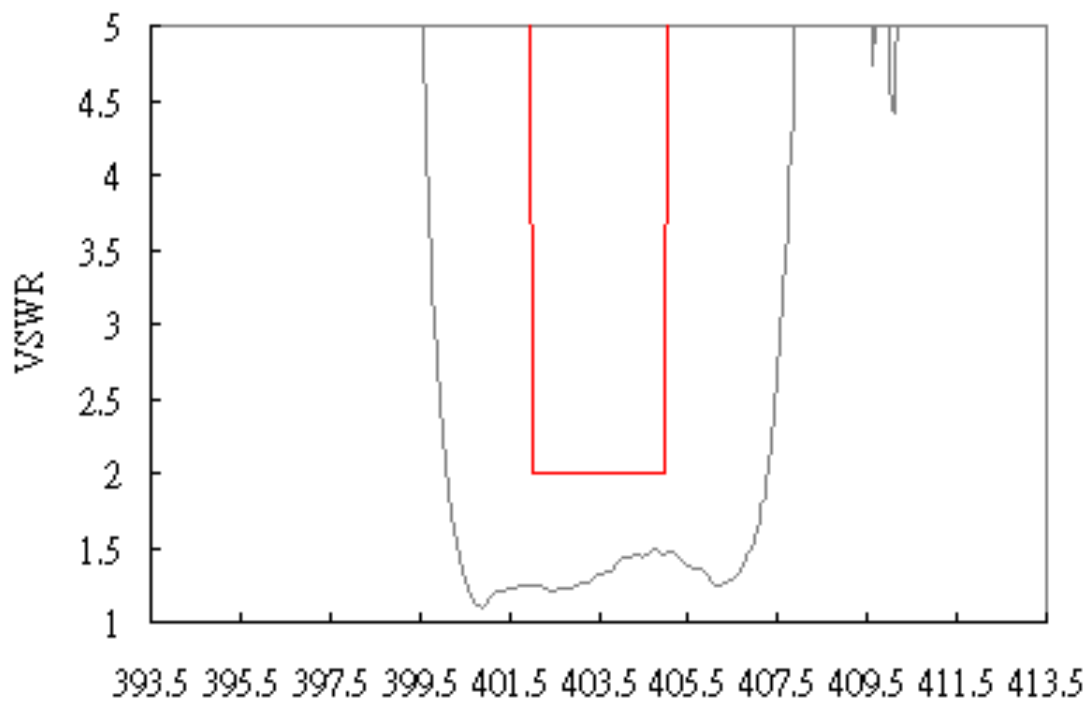
D. FREQUENCY CHARACTERISTICS:

Transfer Function

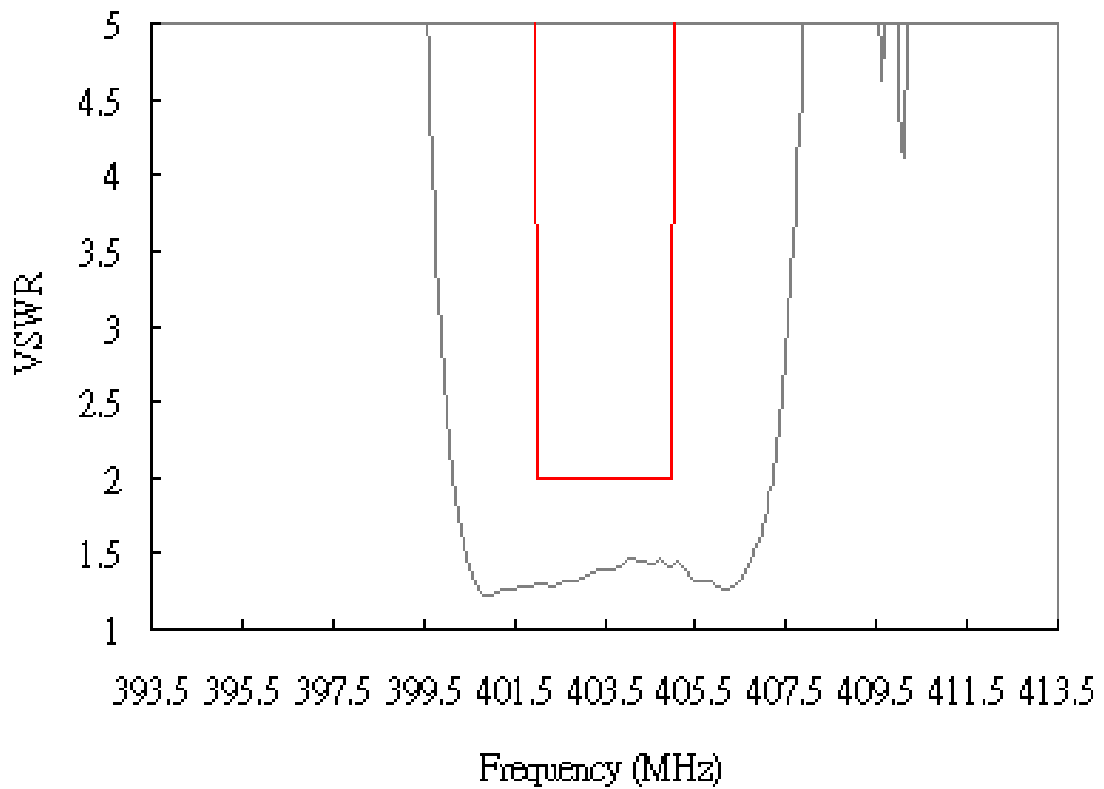


Reflection Function

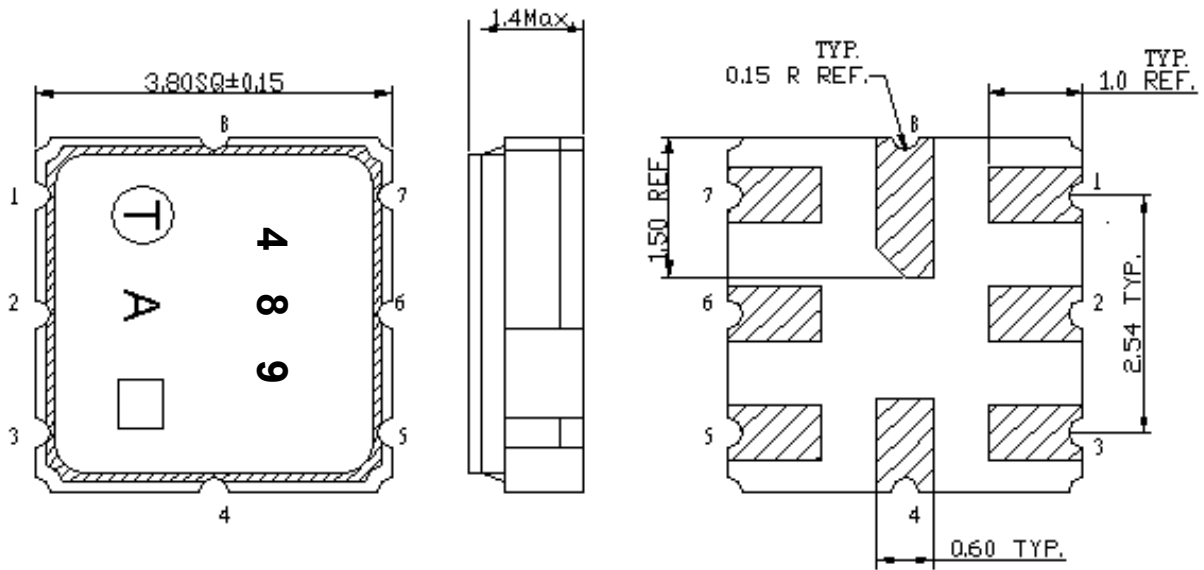
S11



S22

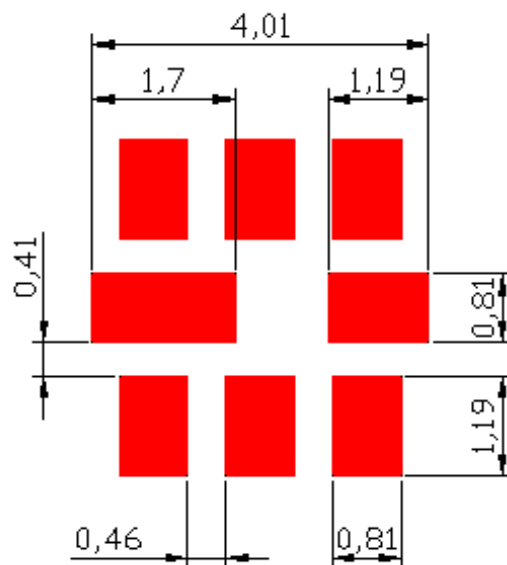


E.OUTLINE DRAWING:



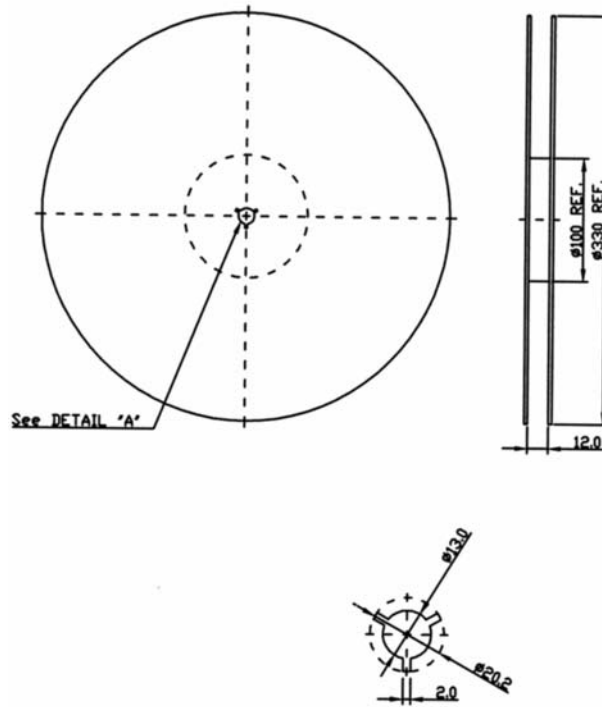
- 2 : Input
- 5: Output
- 1,3,4,6,7,8: Ground
- : Date Code
- Unit: mm

F.PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

