



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.:TA0529A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2005/11/09



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SAW Filter 403.5 MHz

MODEL NO.: TA0529A

REV. NO.:1

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

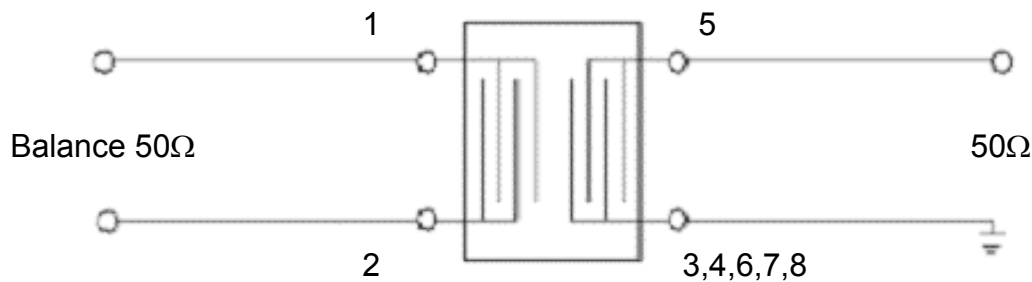
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance: $Z_S=50\Omega$ (balanced)

Terminating load impedance: $Z_L=50\Omega$

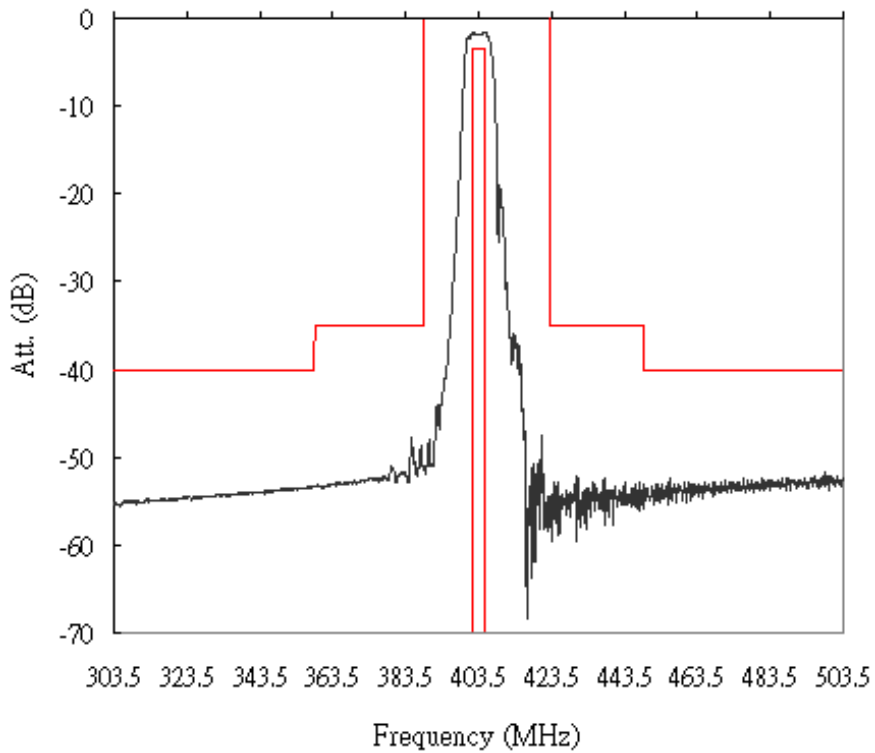
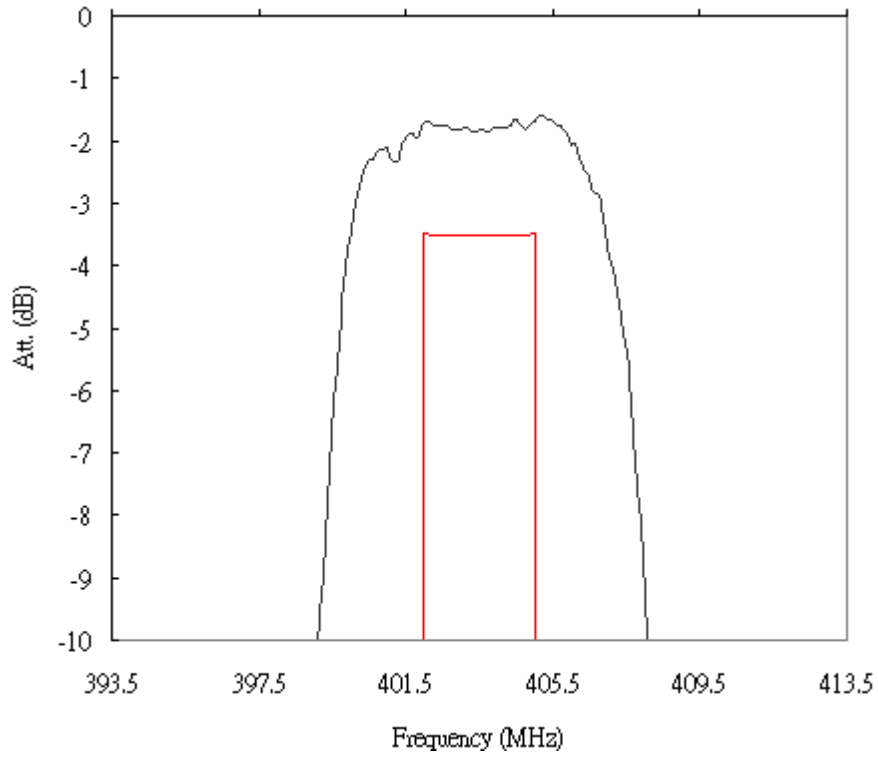
Item			Min.	Typical	Max.	
Center frequency	F _c	MH	-	403.5	-	
Insertion loss	402 ~ 405 MHz	IL	-	2.15	3.5	
Amplitude ripple	402 ~ 405 MHz		-	0.5	1.7	
VSWR	402 ~ 405 MHz			1.55	2.25	
Attenuation (Reference level from 0 dB)						
	303.5 ~ 358.5	MHZ	dB	40	51	-
	358.5 ~ 388.5	MHZ	dB	35	45	-
	423.5 ~ 448.5	MHZ	dB	35	50	-
	448.5 ~ 503.5	MHZ	dB	40	51	-

C. MEASUREMENT CIRCUIT:



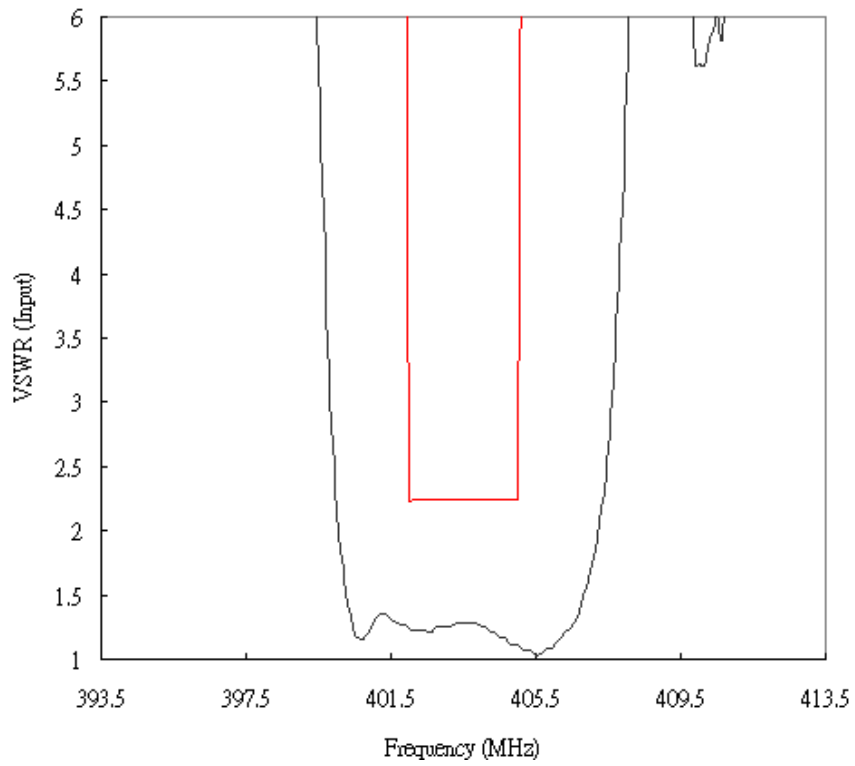
D. FREQUENCY CHARACTERISTICS:

Transfer Function

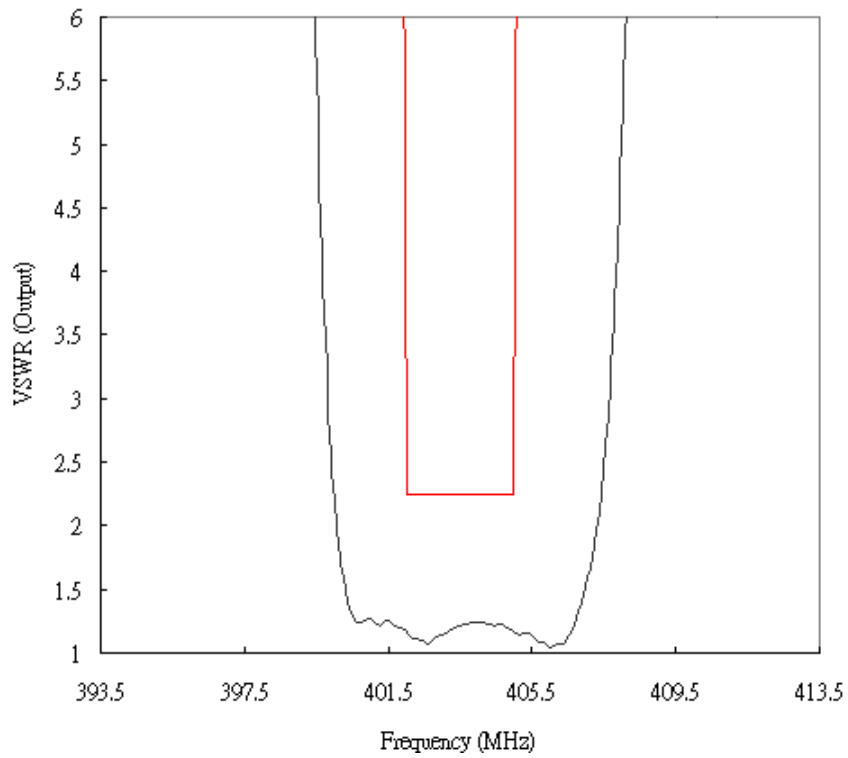


Reflection Function

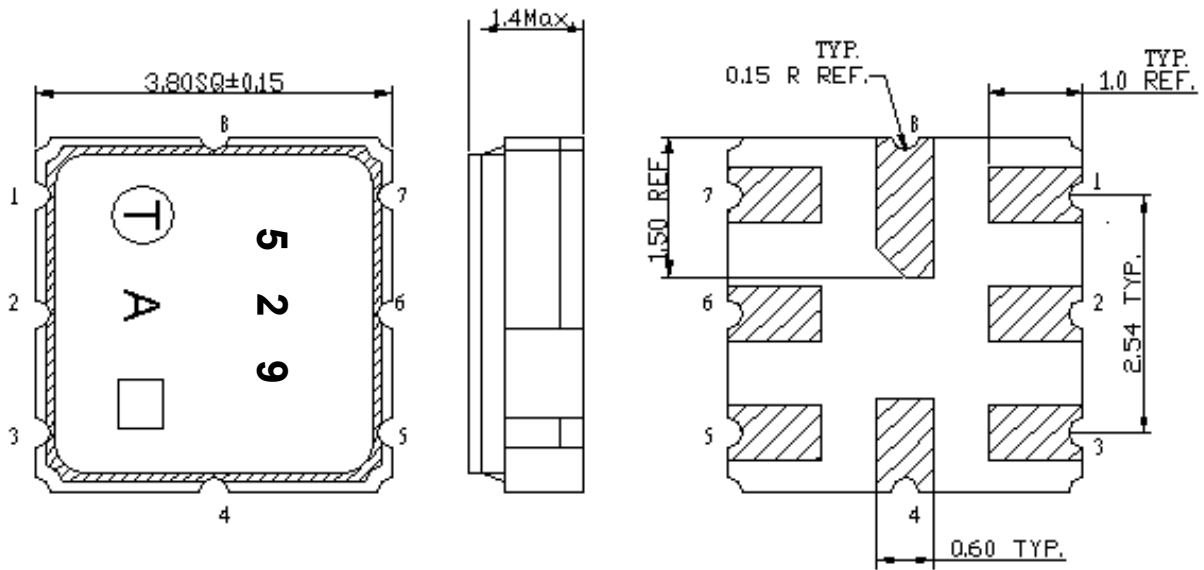
Sdd11



Sss22

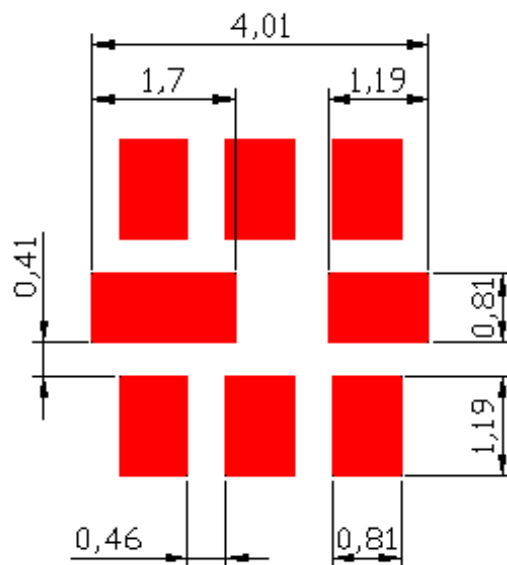


E.OUTLINE DRAWING:



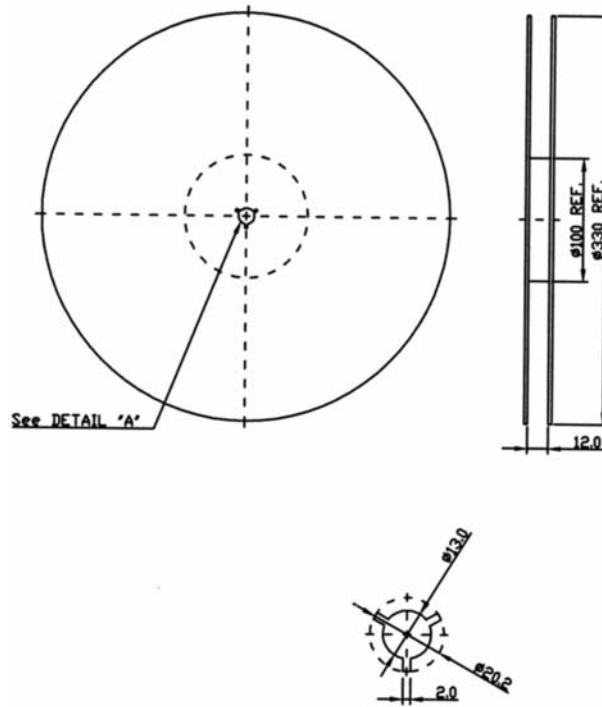
- 1,2 : Balance Input
- 5: Output
- 3,4,6,7,8: Ground
- : Date Code
- Unit: mm

F.PCB FOOTPRINT:

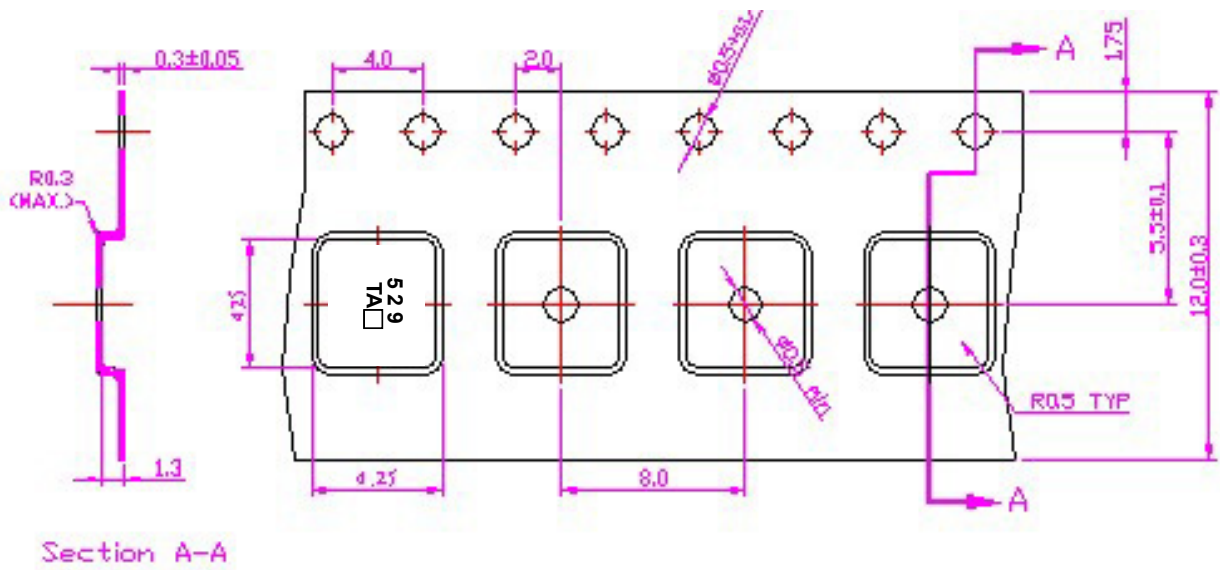


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed →