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 403.5MHz SMD 3.8×3.8 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

RoHS Compliant
Lead free
Lead-free soldering

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

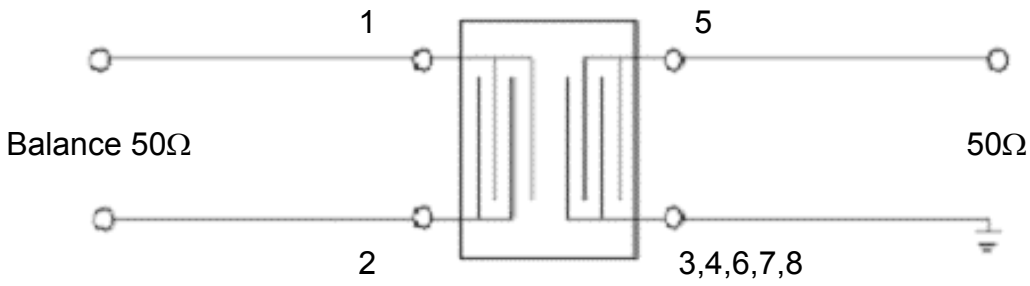
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance: Z_S=50Ω(balanced)

Terminating load impedance: Z_L=50Ω

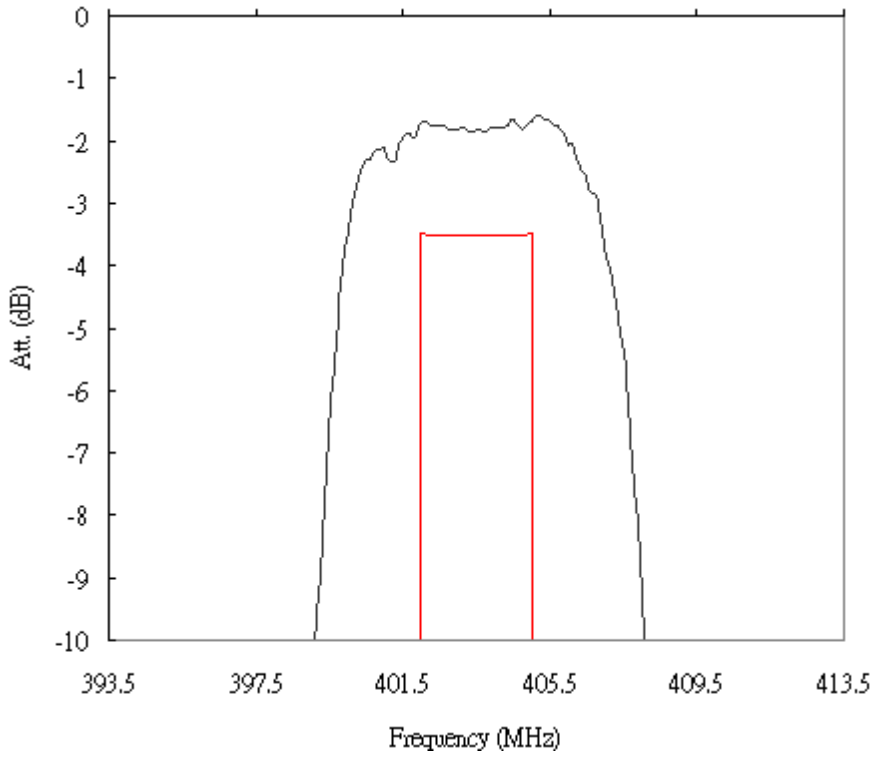
Item				Min.	Typical	Max.
Center frequency		Fc	MH	-	403.5	-
Insertion loss	402 ~ 405 MHz	IL	dB	-	2.15	3.5
Amplitude ripple	402 ~ 405 MHz		dB	-	0.5	1.7
VSWR	402 ~ 405 MHz				1.55	2.25
Attenuation (Reference level from 0 dB)						
303.5 ~ 358.5		MHz	dB	40	51	-
358.5 ~ 388.5		MHz	dB	35	45	-
423.5 ~ 448.5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

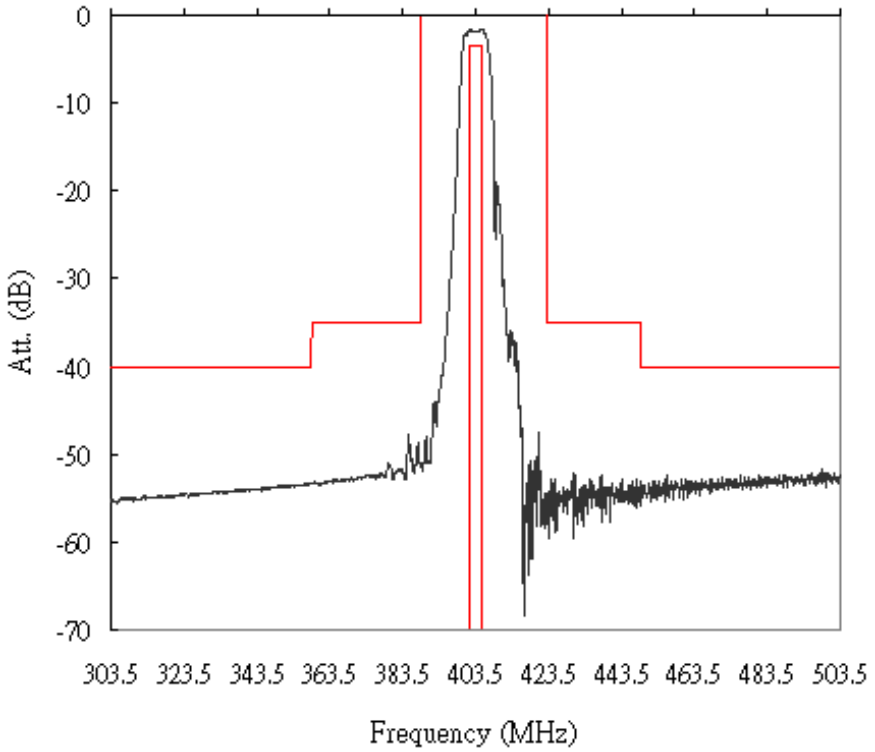
C. MEASUREMENT CIRCUIT:



D. FREQUENCY CHARACTERISTICS:

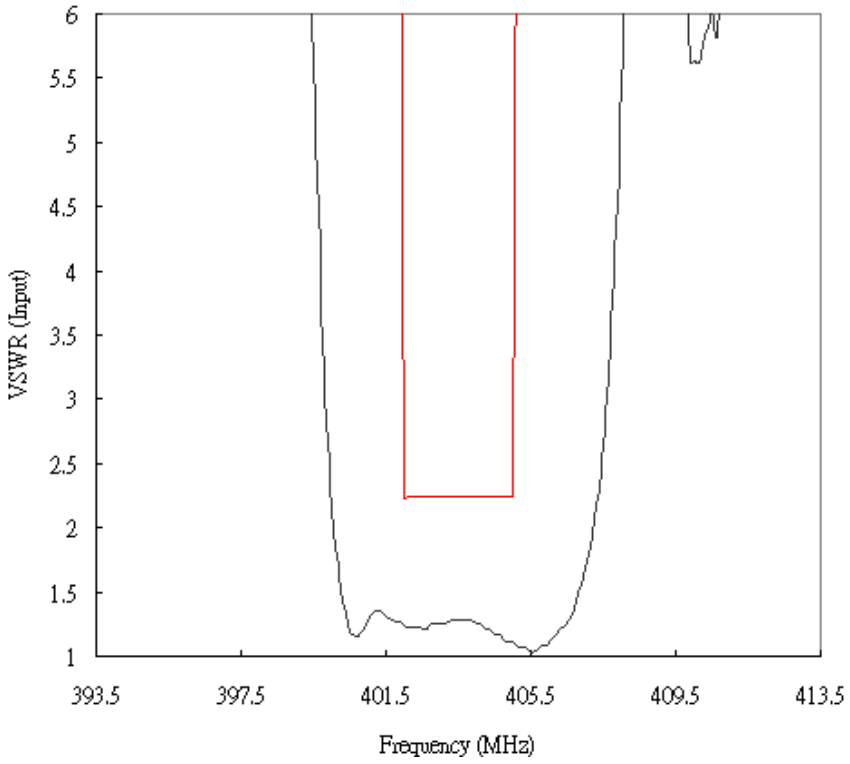
Transfer Function



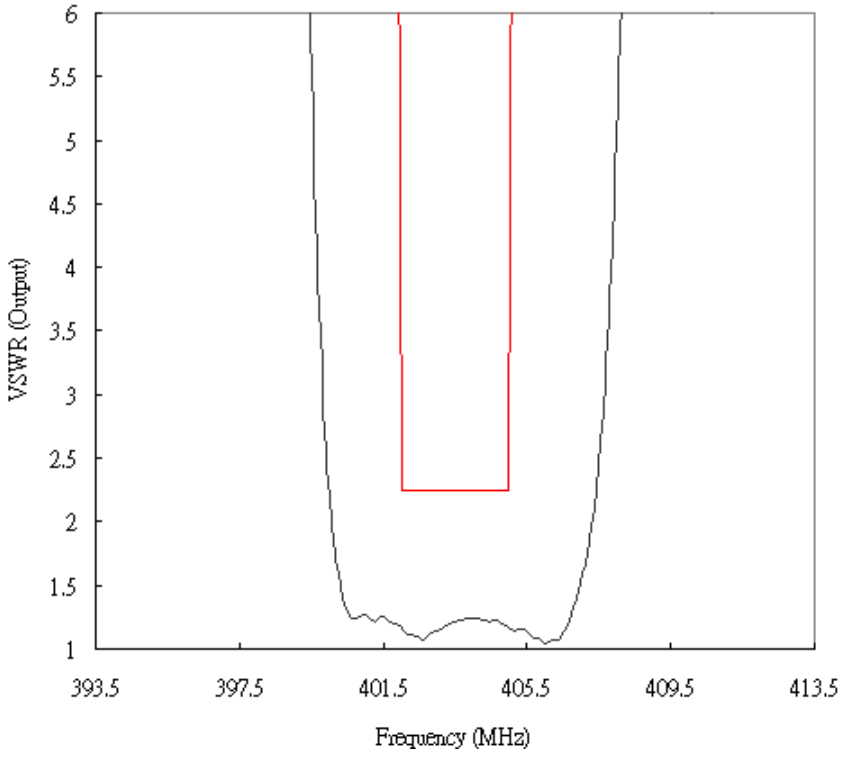


Reflection Function

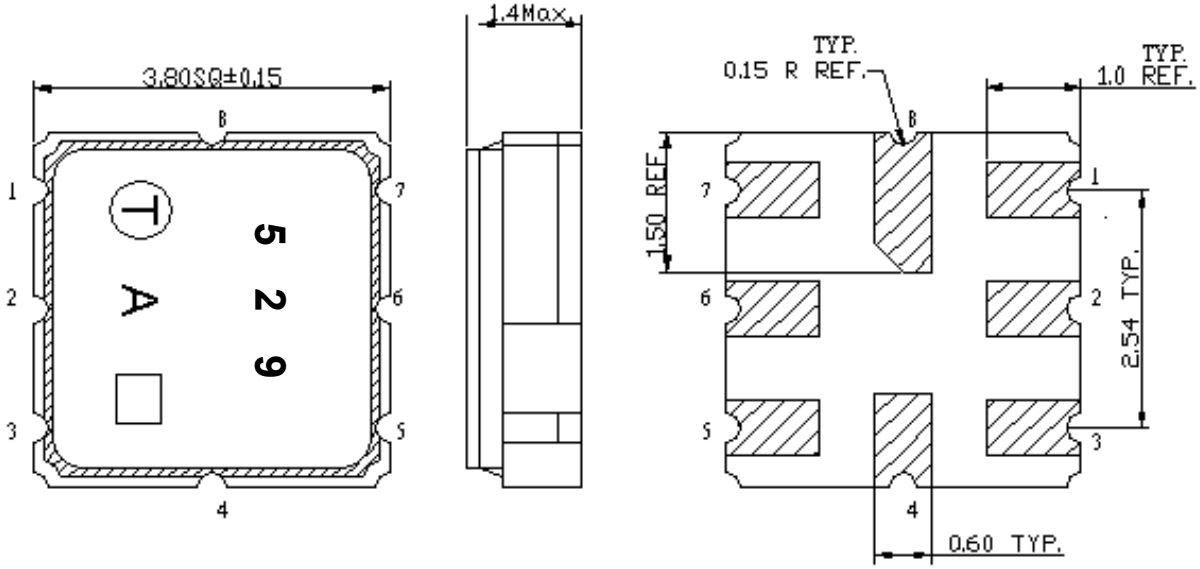
Sdd11



Sss22



E.OUTLINE DRAWING:



1,2 : Balance Input

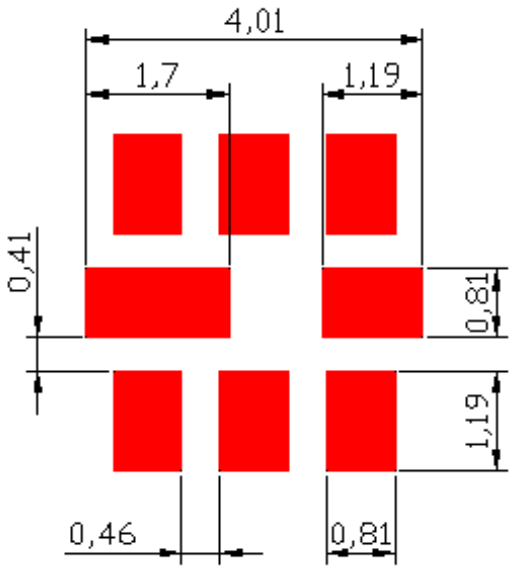
5: Output

3,4,6,7,8: Ground

□ : Date Code

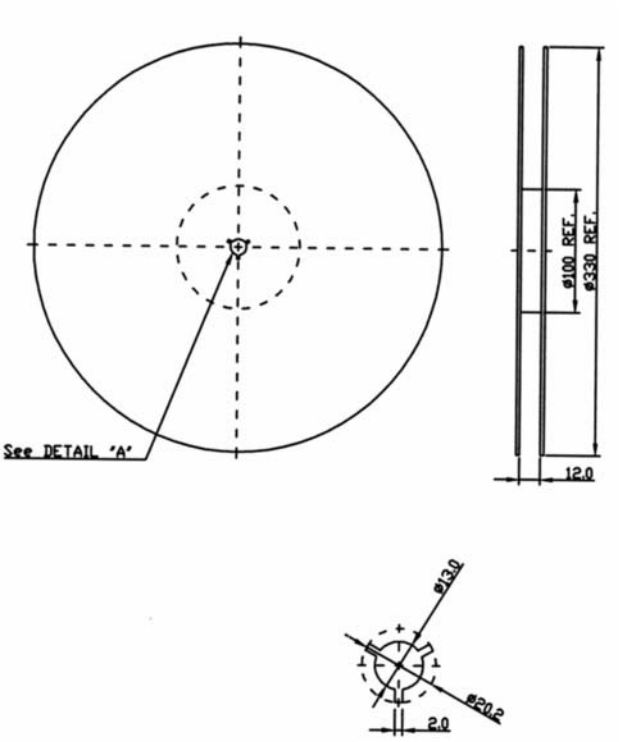
Unit: mm

F.PCB FOOTPRINT:

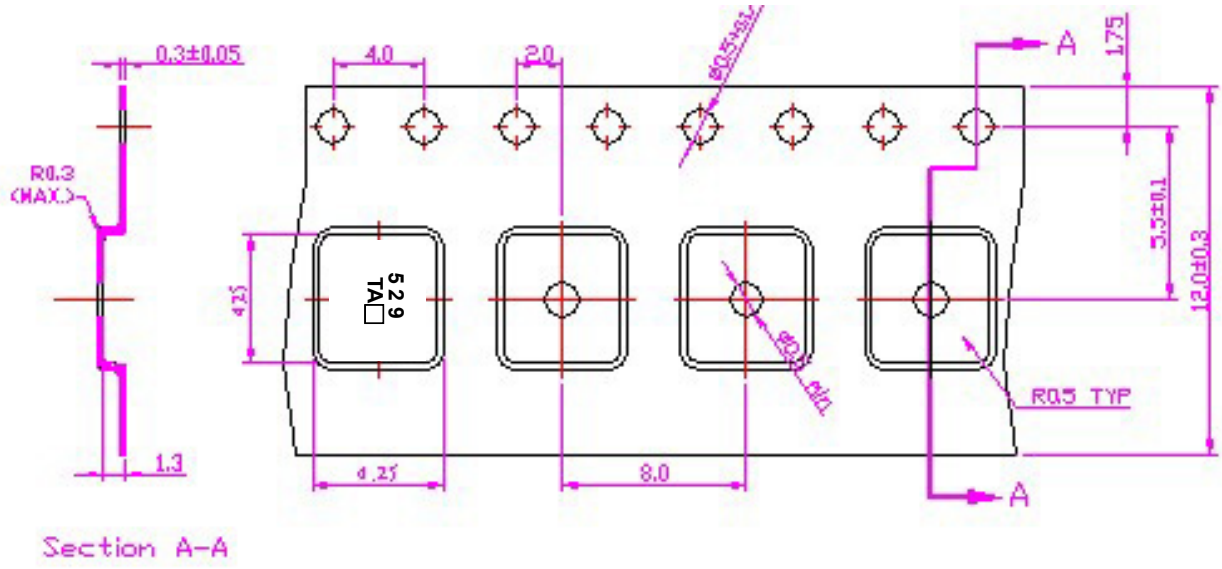


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed