



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: Dec, 24, 2008

Product Name: SAW Filter 746 MHz SMD 3.8X3.8 mm

TST Parts No.: TA0959A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau *Bob Chau*

Approval by: _____ Francis Chen *Francis Chen*

Date: _____ 12, 24, 2008



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SAW Filter 746 MHz

MODEL NO.:TA0959A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

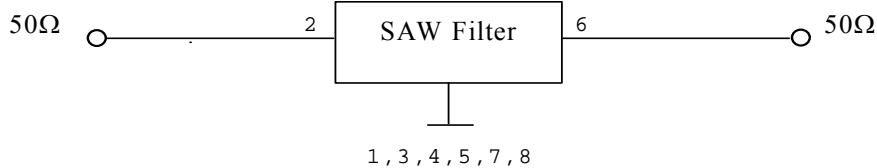
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

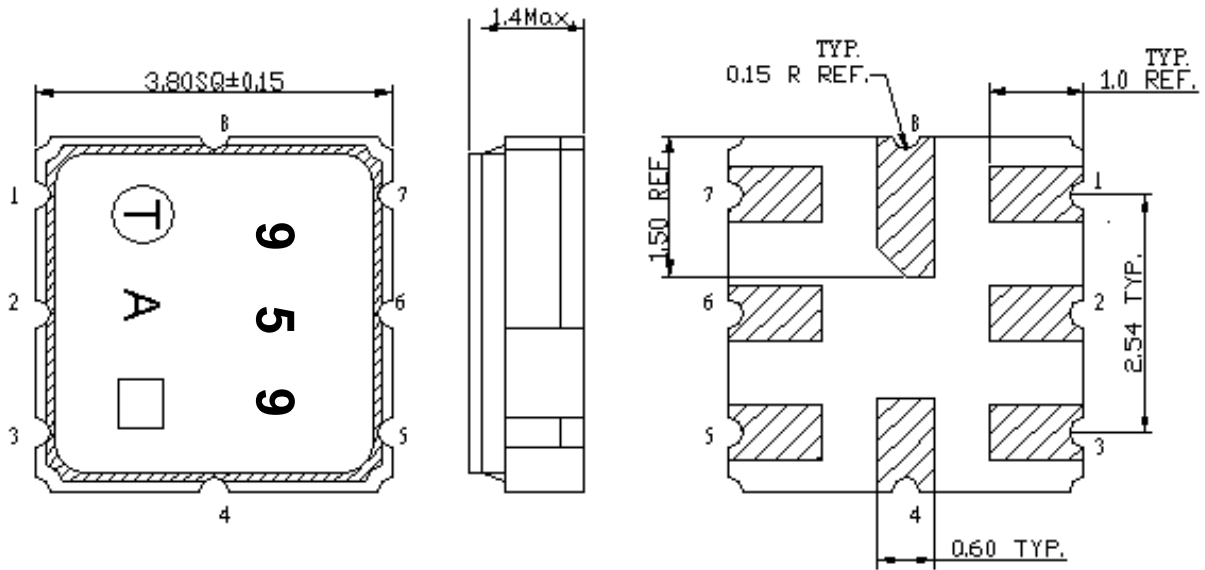
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	746	-	-
Insertion loss (740~752MHz) IL	dB	-	1.8	4.5	-
Amplitude Ripple (740 ~ 752 MHz)	dB	-	0.75	2	-
Group Delay Variation (740~752 MHz)	ns	-	20	45	-
Attenuation (Reference level from 0 dB)					
0 ~ 650 MHz	dB	37	43	-	-
650 ~ 700 MHz	dB	35	45	-	-
708 ~ 722 MHz	dB	35	47	-	-
772 ~ 800 MHz	dB	30	50	-	-
800 ~ 850 MHz	dB	40	47	-	-
850 ~ 1000 MHz	dB	35	47	-	-
1000 ~ 1500 MHz	dB	25	47	-	-
Temperature Coefficient of Frequency	Ppm/°C	-	-35	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer

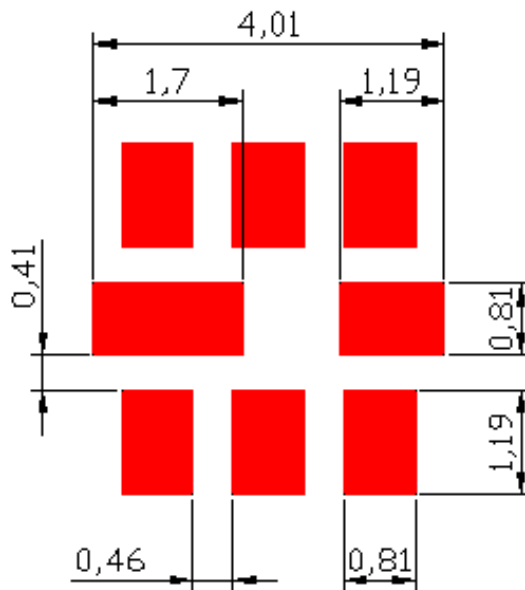


D.OUTLINE DRAWING:

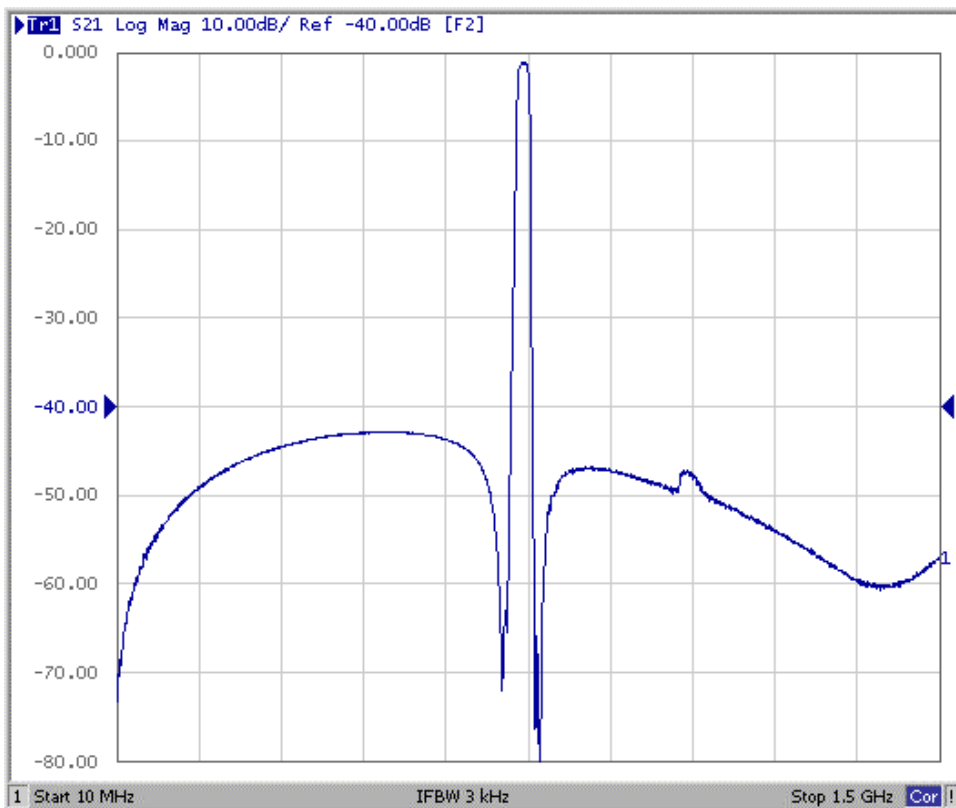
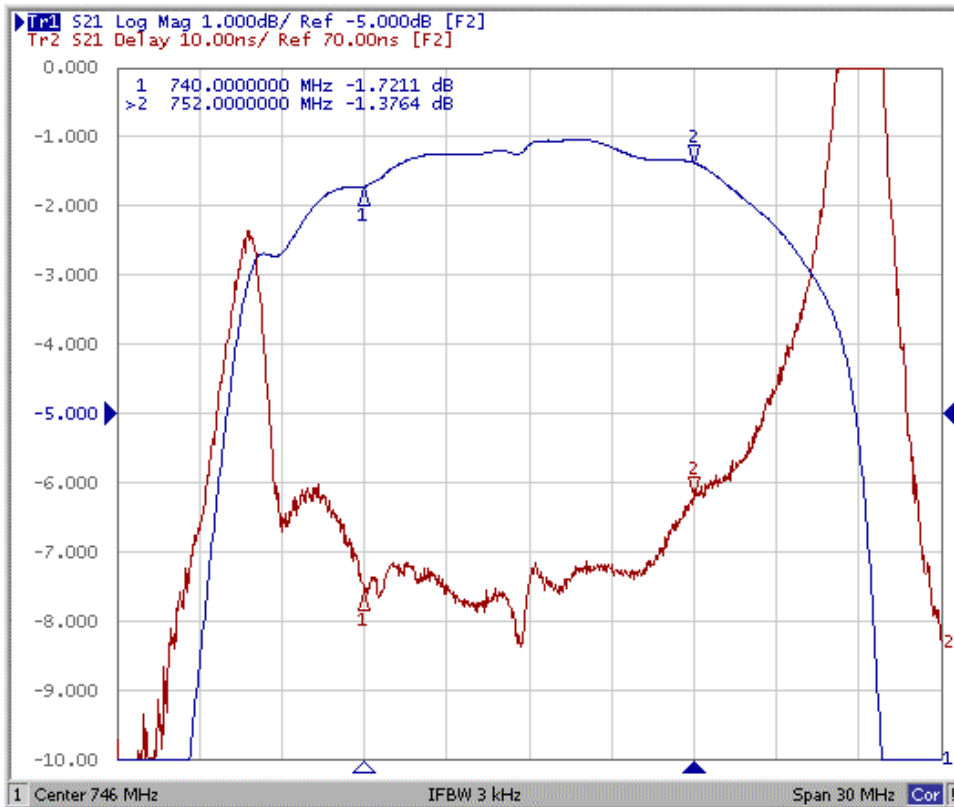


- 2 : Input
- 6: Output
- 1,3,4,5,7,8: Ground
- : Date Code (W01->A, W02->B,...W52->z)
- Unit: mm

E. PCB Footprint:



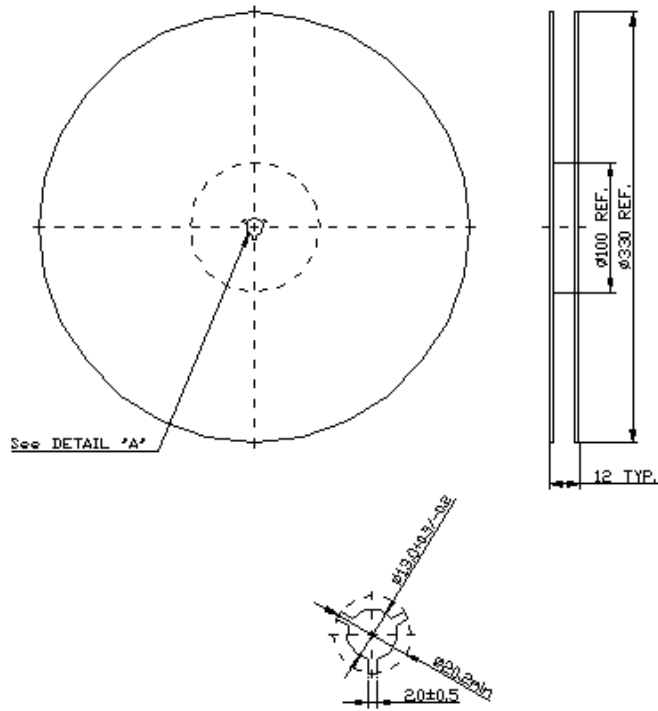
F. Frequency Characteristics :



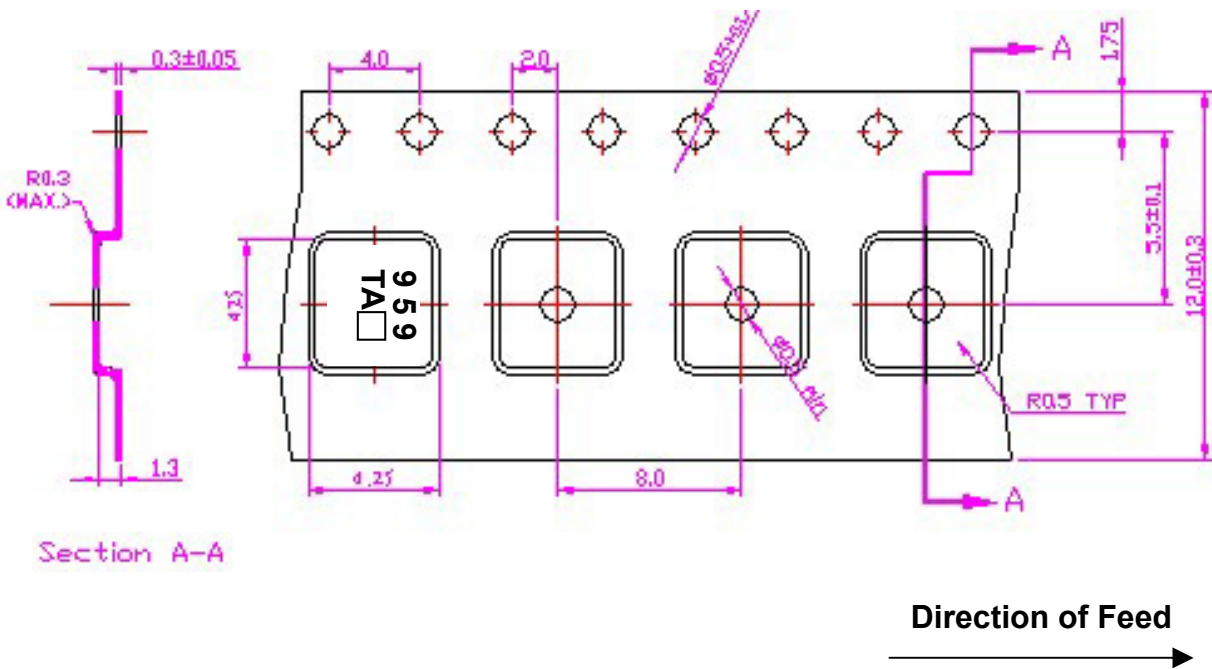
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

