



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: 4, 30, 2009

Product Name: SAW Filter 611 MHz SMD 3.8X3.8 mm

TST Parts No.: TA0914B

Customer Parts No.: _____

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

Checked by: _____ Anne Chen 陳露露

Approval by: _____ Francis Chen 陳國強

Date: _____ 4.30, 2009



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SAW Filter 611 MHz

MODEL NO.:TA0914B

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature:-40°C to +70°C
4. Storage Temperature: -30°C to +85°C

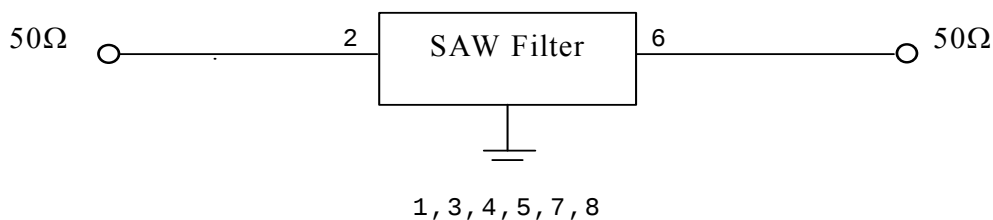
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

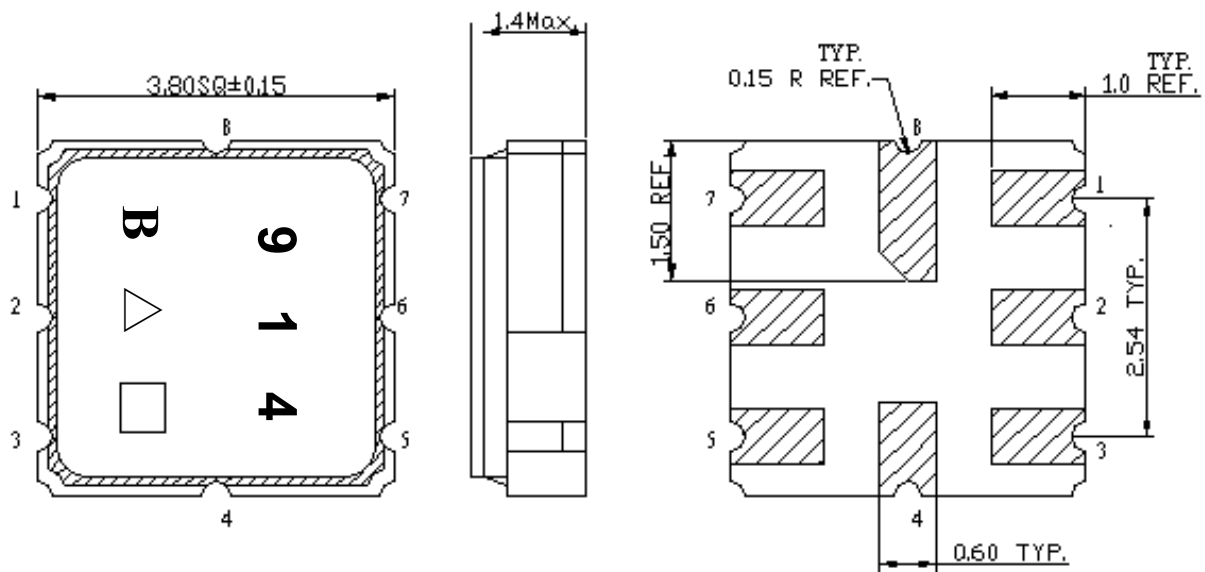
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	611	-	-
Insertion loss (608~614 MHz) IL	dB	-	1.7	2.7	-
Amplitude Ripple (608 ~ 614 MHz)	dB	-	0.5	1.2	-
Return Loss (608~614 MHz)	dB	10	14	-	-
Attenuation (Reference level from 0 dB)					
D.C ~ 580 MHz	dB	45	47	-	-
736 ~ 792 MHz	dB	45	52	-	-
792 ~ 1000 MHz	dB	40	47	-	-
1000 ~ 2300 MHz	dB	20	25	-	-
2300 ~ 3000 MHz	dB	12	18	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



2 : Input

6: Output

1,3,4,5,7,8: Ground

△ : Year Code

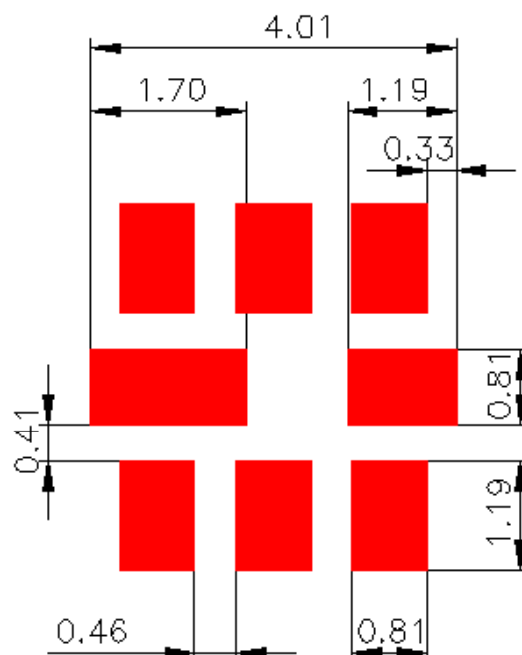
□ : Date Code (W01->A, W02->B,...W52->z)

Unit: mm

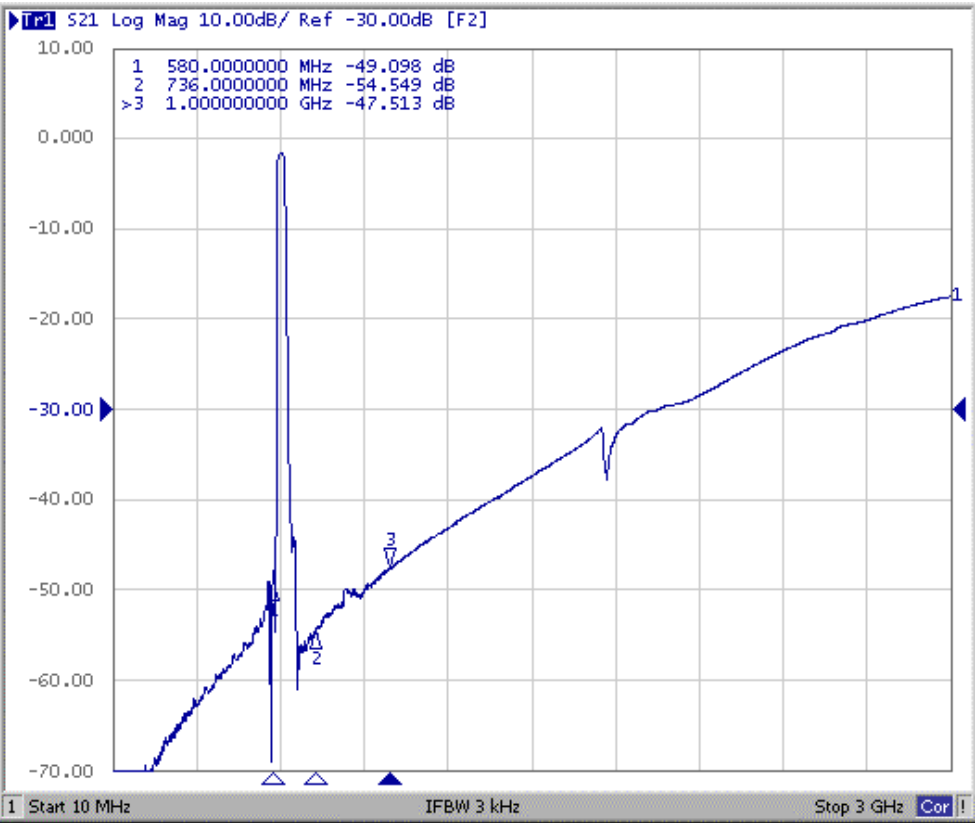
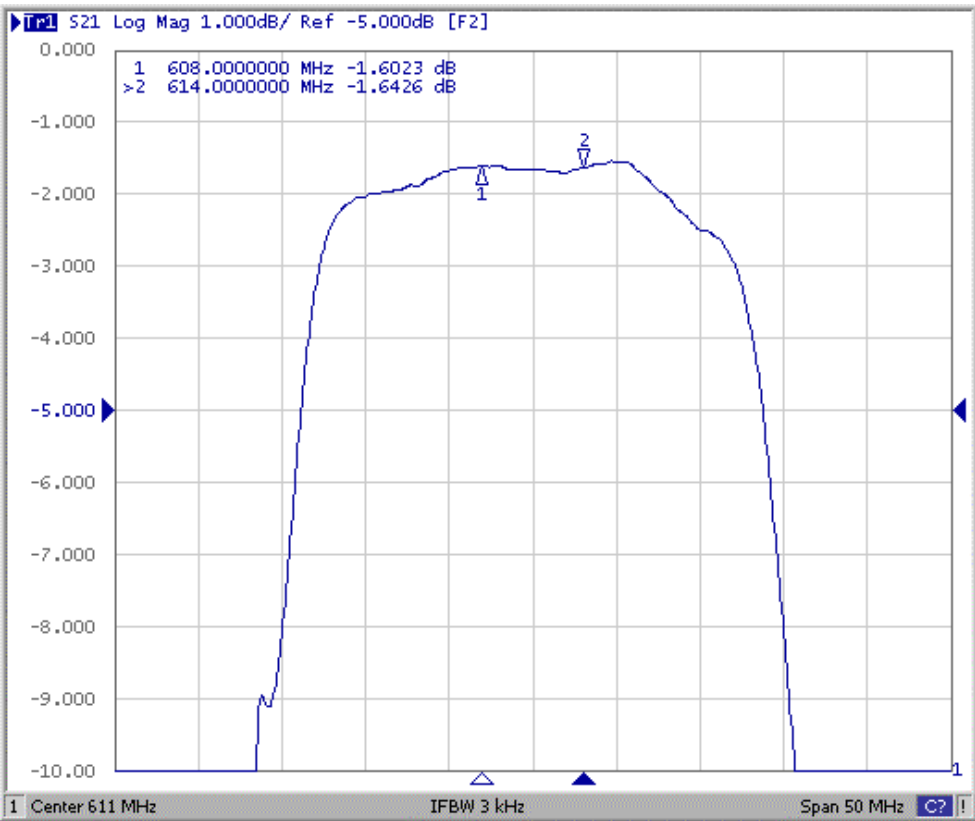
Product Year Code

Year	2001 2005	2002 2006	2003 2007	2004 2008
Product Code	A	a	A	a

E. PCB Footprint:

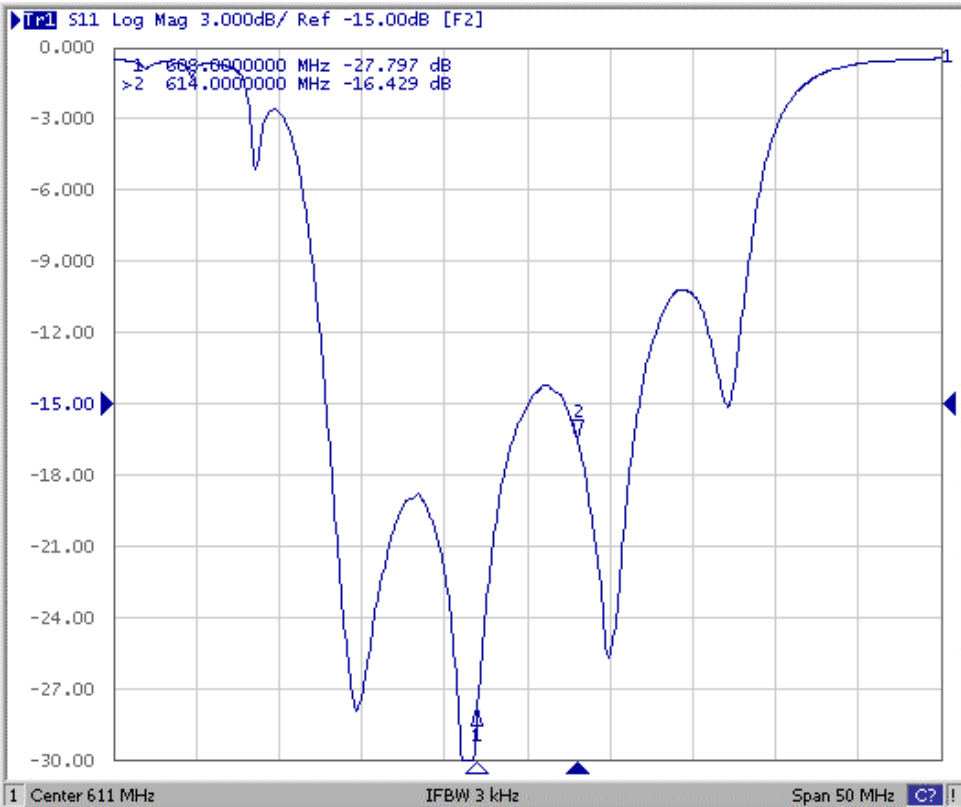


F. Frequency Characteristics :

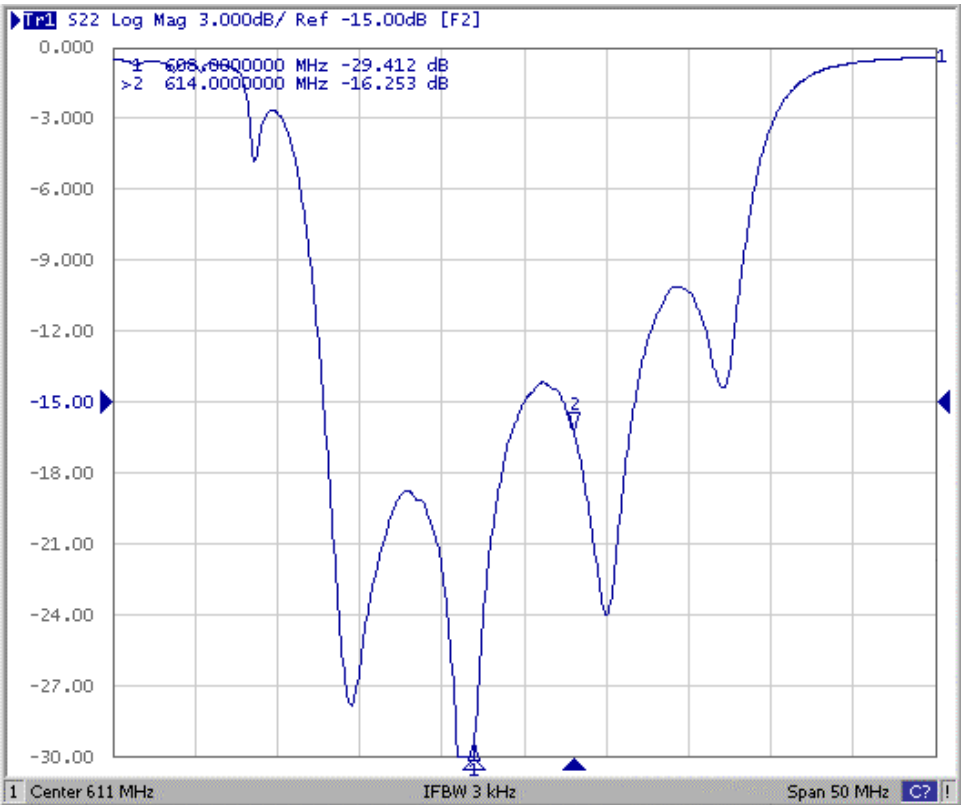


Reflection Functions :

S11



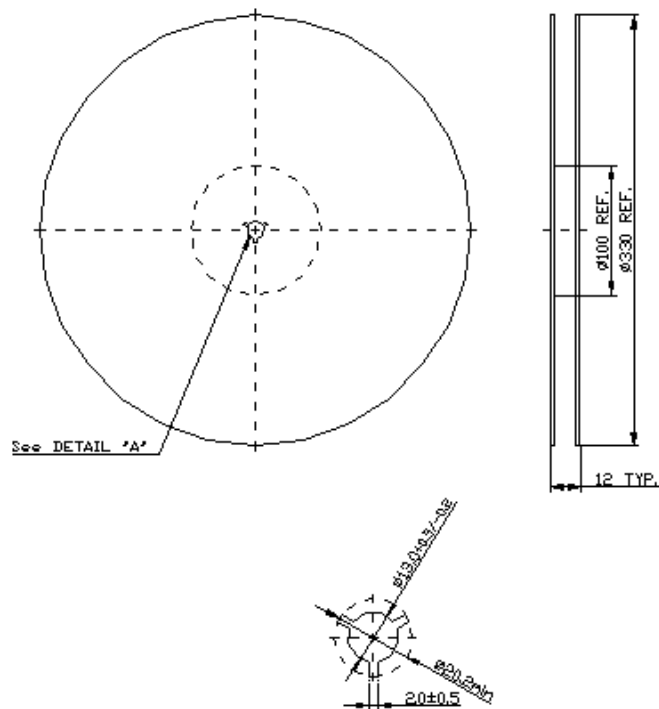
S22



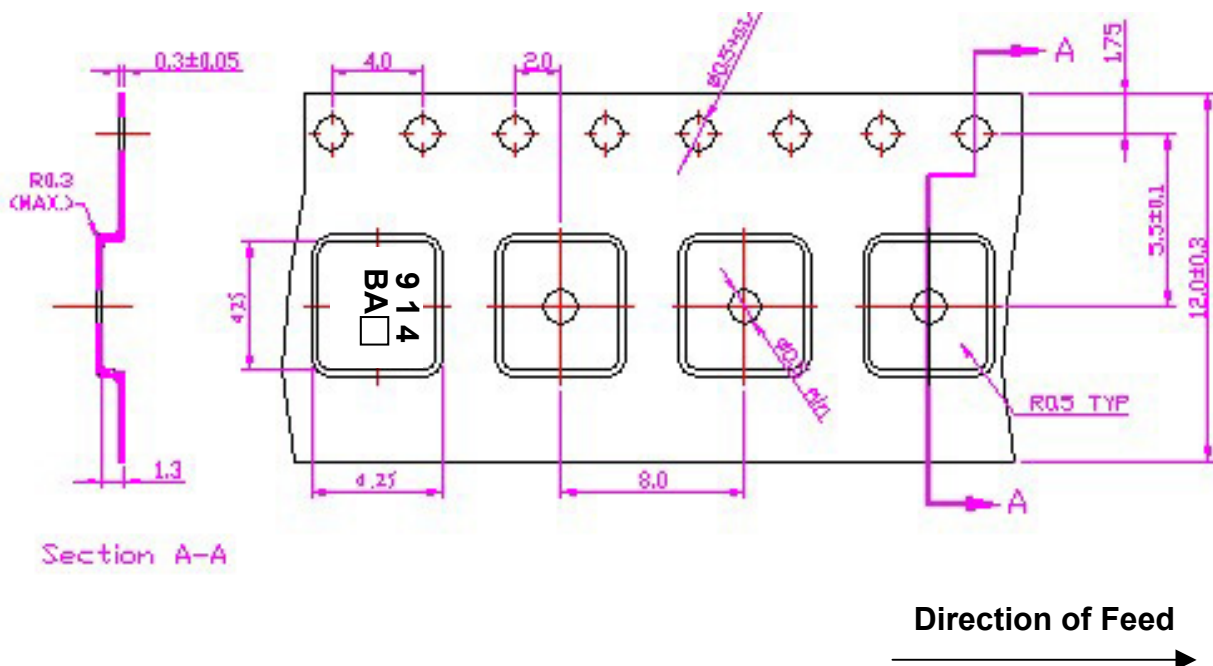
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

