



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: Apr, 24, 2009

Product Name: SAW Filter 707 MHz SMD 3.8X3.8 mm

TST Parts No.: TA1015A

Customer Parts No.: _____

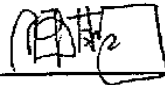
Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approval by: _____ Francis Chen 

Date: _____ 4, 24, 2009



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SAW Filter 707 MHz

MODEL NO.:TA1015A

REV. NO.:1

A. MAXIMUM RATING:

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

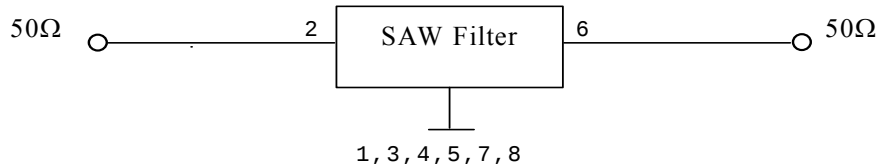
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

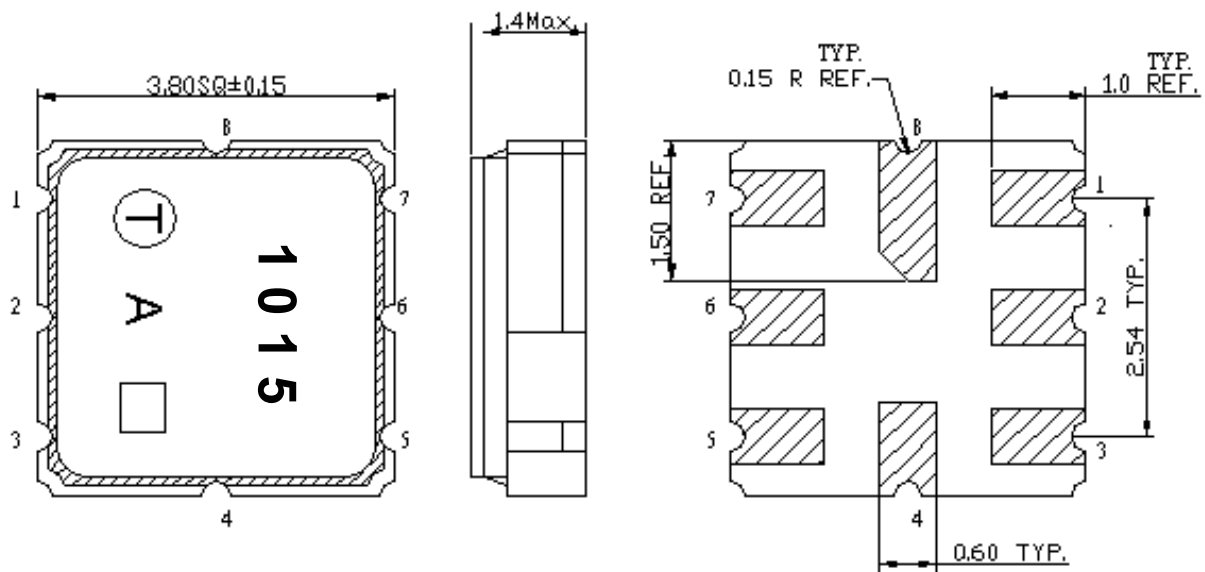
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	707	-	-
Insertion loss (697~717 MHz) IL	dB	-	2.3	4	-
Bandwidth	MHz	20	28.5	-	-
Amplitude Ripple (697 ~ 717 MHz)	dB	-	0.8	1.4	-
Attenuation (Reference level from 0 dB)					
300 ~ 600 MHz	dB	28	56	-	-
728 ~ 757 MHz	dB	10	17	-	-
800 ~ 1050 MHz	dB	28	52	-	-
Temperature Coefficient of Frequency	Ppm/°C	-	-36	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



2 : Input

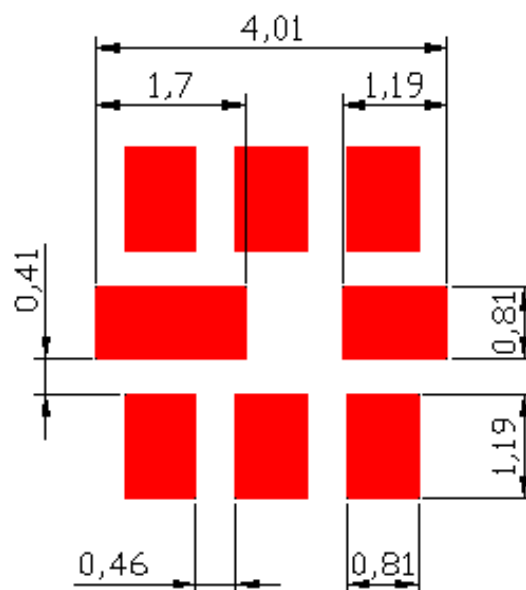
6: Output

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

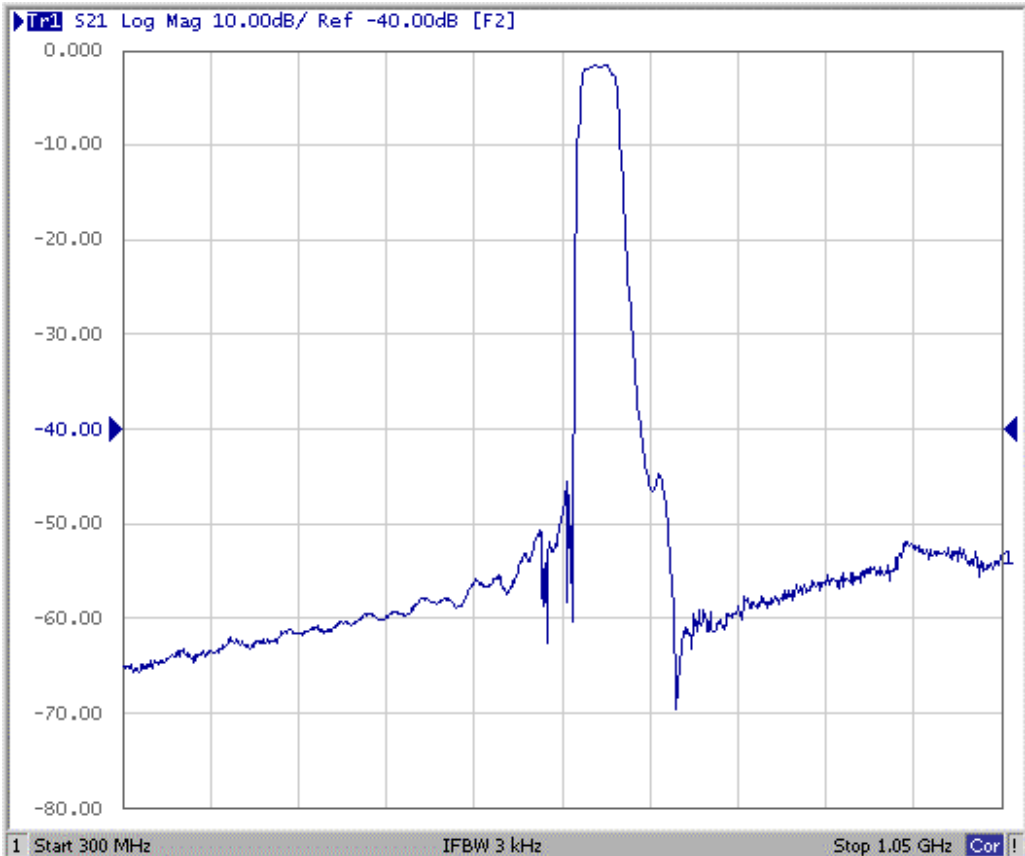
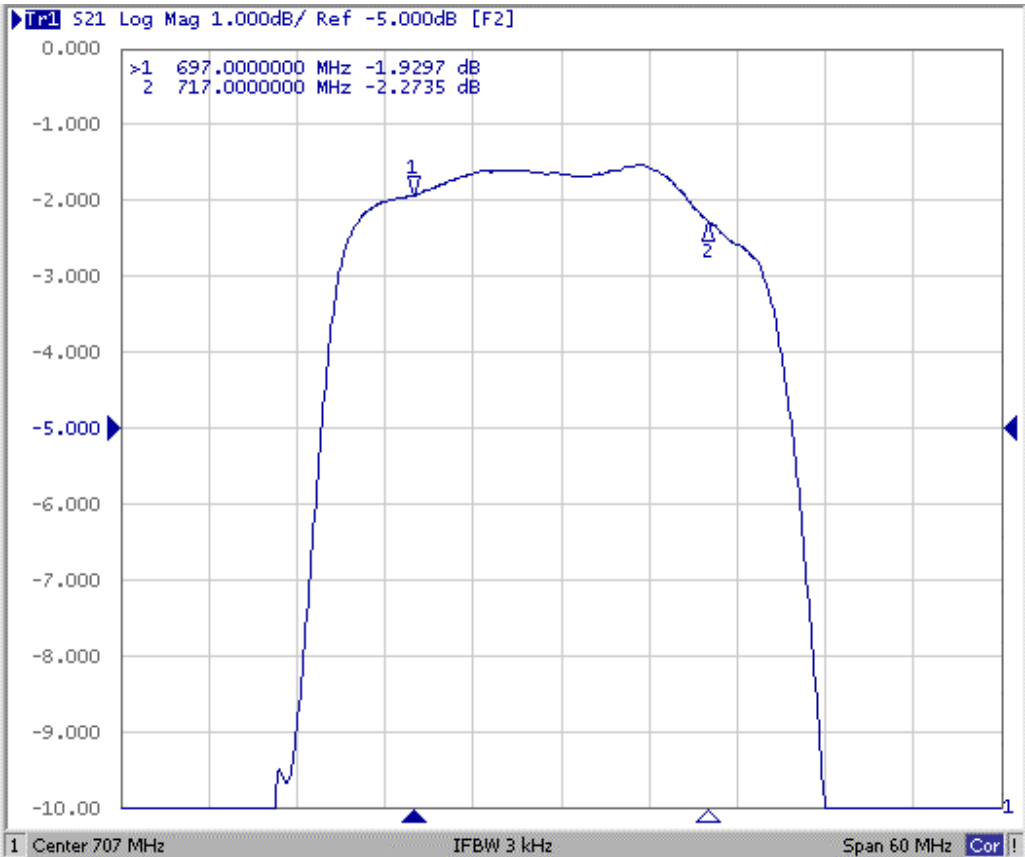
□ : Date Code (W01->A, W02->B,...W52->z)

Unit: mm

E. PCB Footprint:



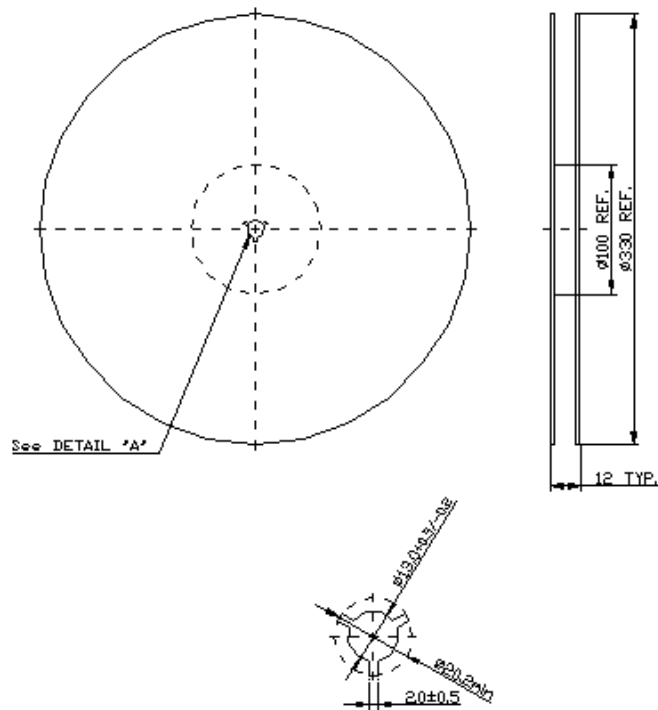
F. Frequency Characteristics :



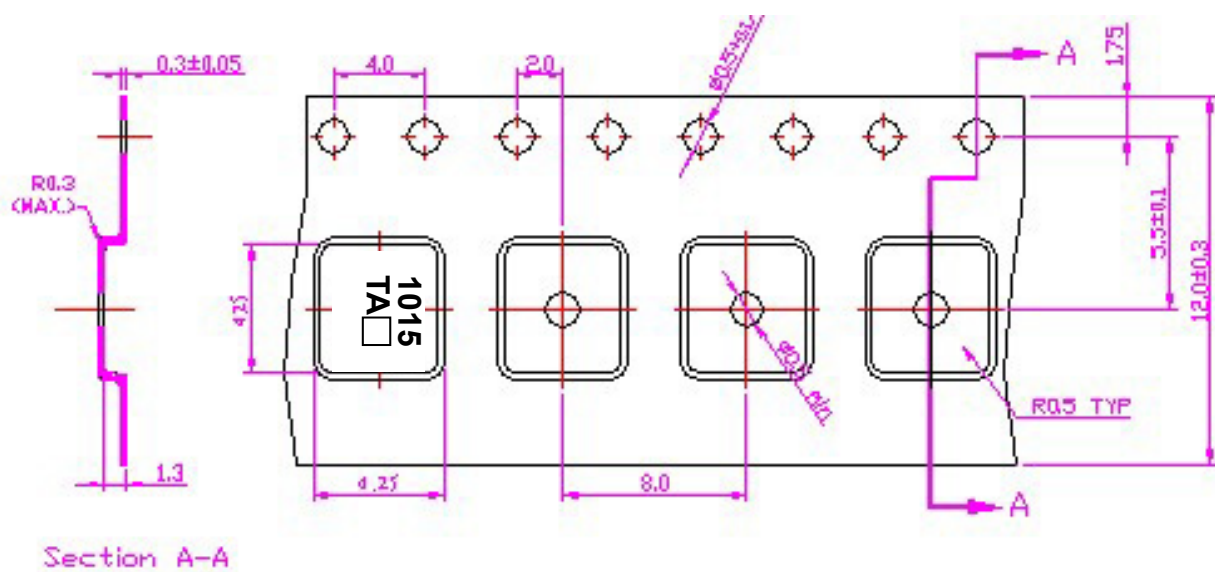
G. PACKING:

1. REEL DIMENSION

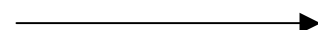
(Reel Count : 7"=1000 ; 13"=3000)



2.TAPE DIMENSION



Direction of Feed



H. RECOMMENDED REFLOW PROFILE :

