



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: Dec, 24, 2008

Product Name: SAW Filter 716 MHz SMD 3.8X3.8 mm

TST Parts No.: TA0958A

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 716 MHz

MODEL NO.:TA0958A

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

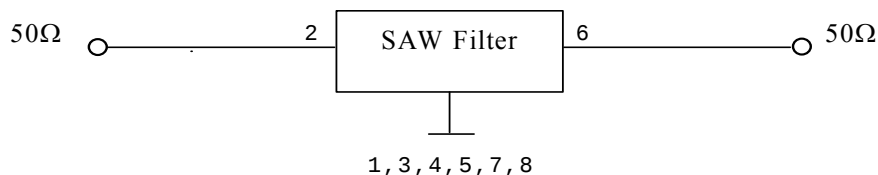
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

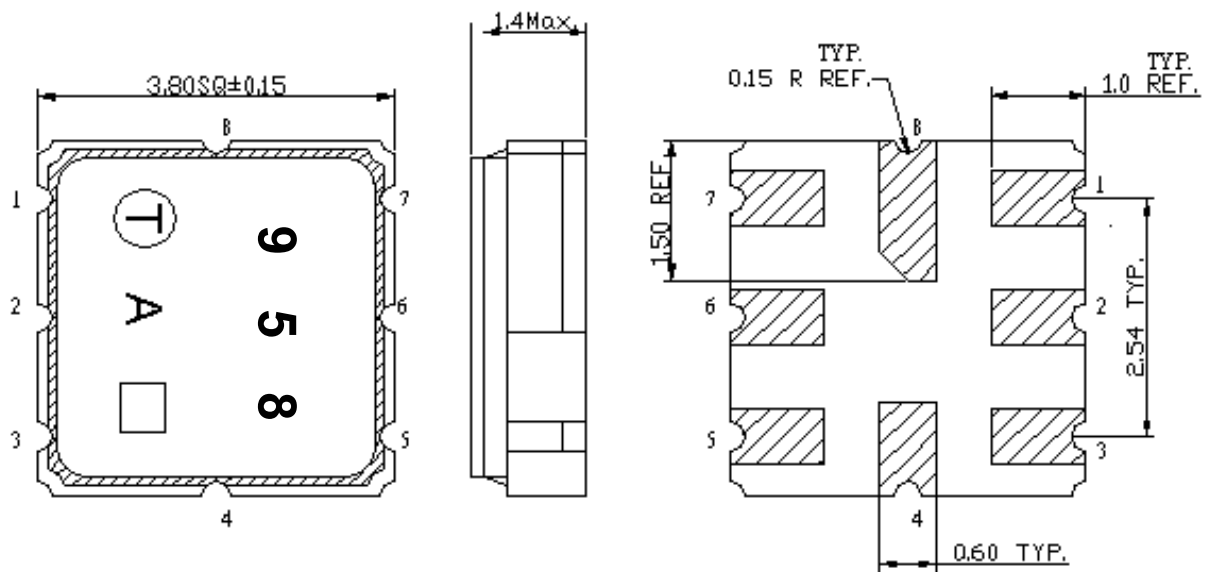
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency F_c	MHz	-	716	-	-
Insertion loss (710~722MHz) IL	dB	-	1.5	4.5	-
Amplitude Ripple (710 ~ 722 MHz)	dB	-	0.5	2	-
Group Delay Variation (710~722 MHz)	ns	-	20	45	-
Attenuation (Reference level from 0 dB)					
0 ~ 619 MHz	dB	37	41	-	-
619 ~ 669 MHz	dB	37	42	-	-
669 ~ 685 MHz	dB	30	50	-	-
740 ~ 755 MHz	dB	30	52	-	-
769 ~ 819 MHz	dB	35	44	-	-
819 ~ 1000 MHz	dB	38	44	-	-
1000 ~ 1500 MHz	dB	25	44	-	-
Temperature Coefficient of Frequency	Ppm/°C	-	-35	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



2 : Input

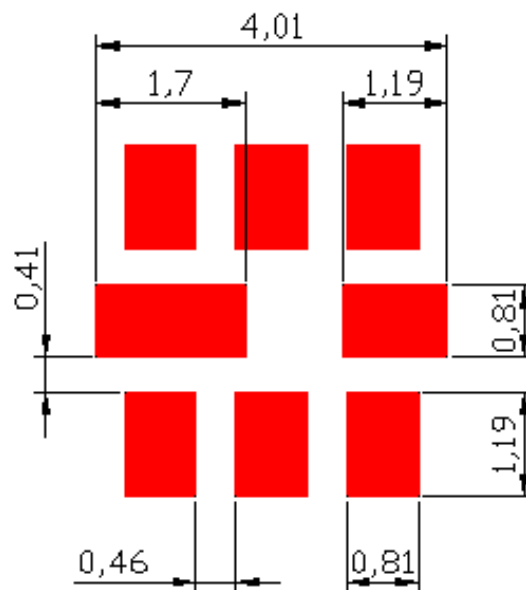
6: Output

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

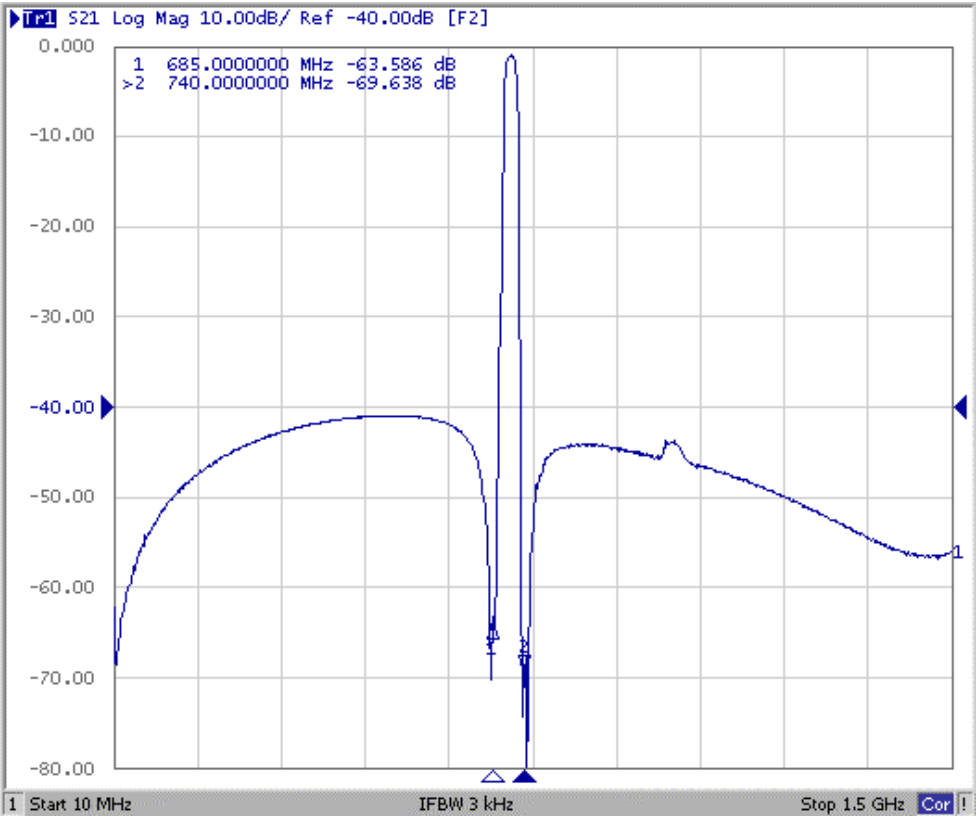
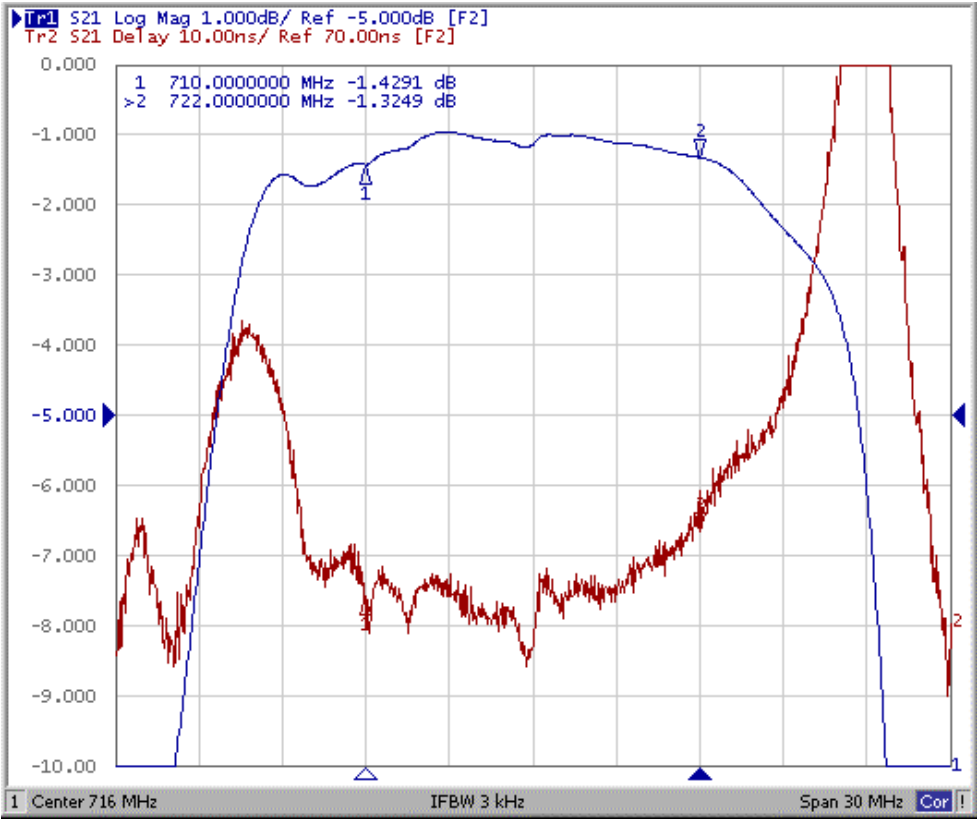
□ : Date Code (W01->A, W02->B,...W52->z)

Unit: mm

E. PCB Footprint:



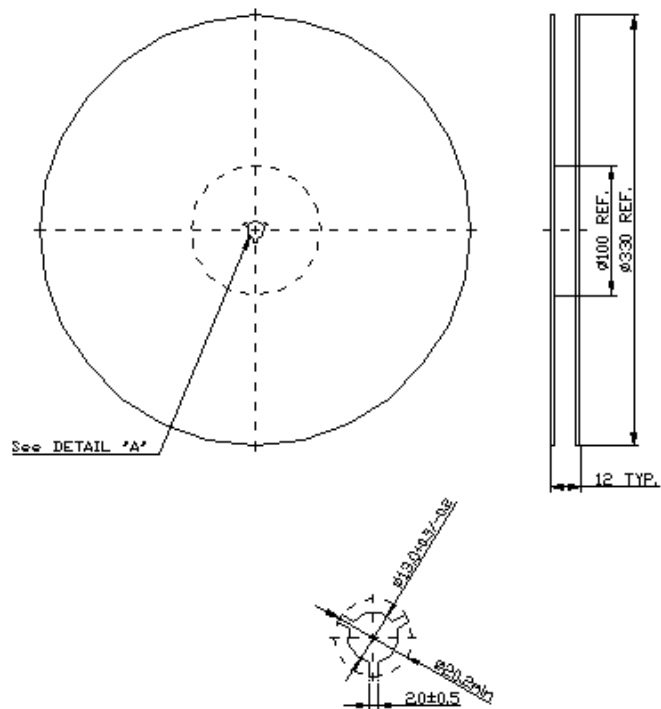
F. Frequency Characteristics :



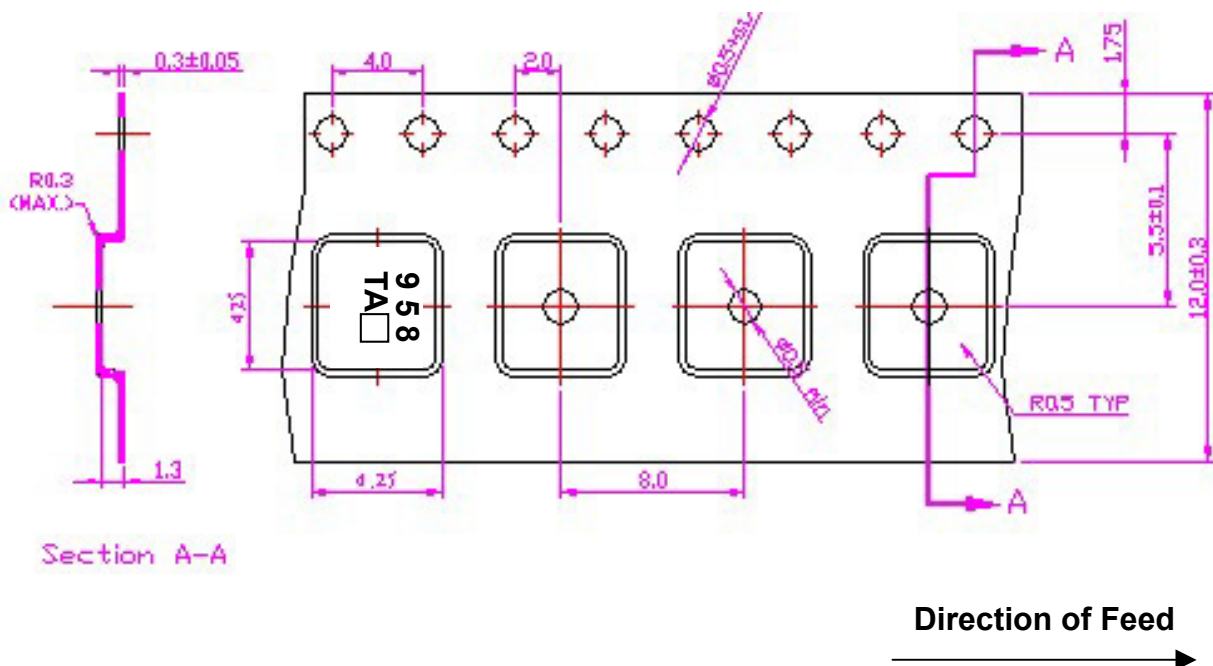
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

