



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Approval Sheet For Product Specification

Issued Date: January, 25, 2008

Product Name: SAW Filter 914MHz SMD 3.8X3.8 mm

TST Parts No.: TA0825A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Paul Ni

Approval by: _____ Francis chen

Date: _____ 01, 25, 2008



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SAW Filter 914 MHz

MODEL NO.: TA0825A

REV. NO : 1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: : -30°C to +80°C
4. Storage Temperature: -40°C to +85°C

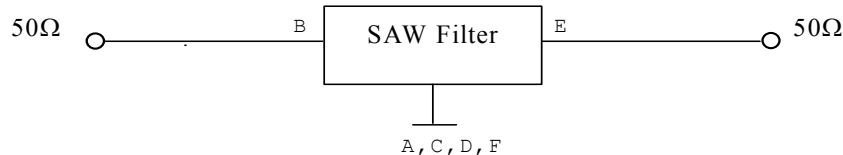
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

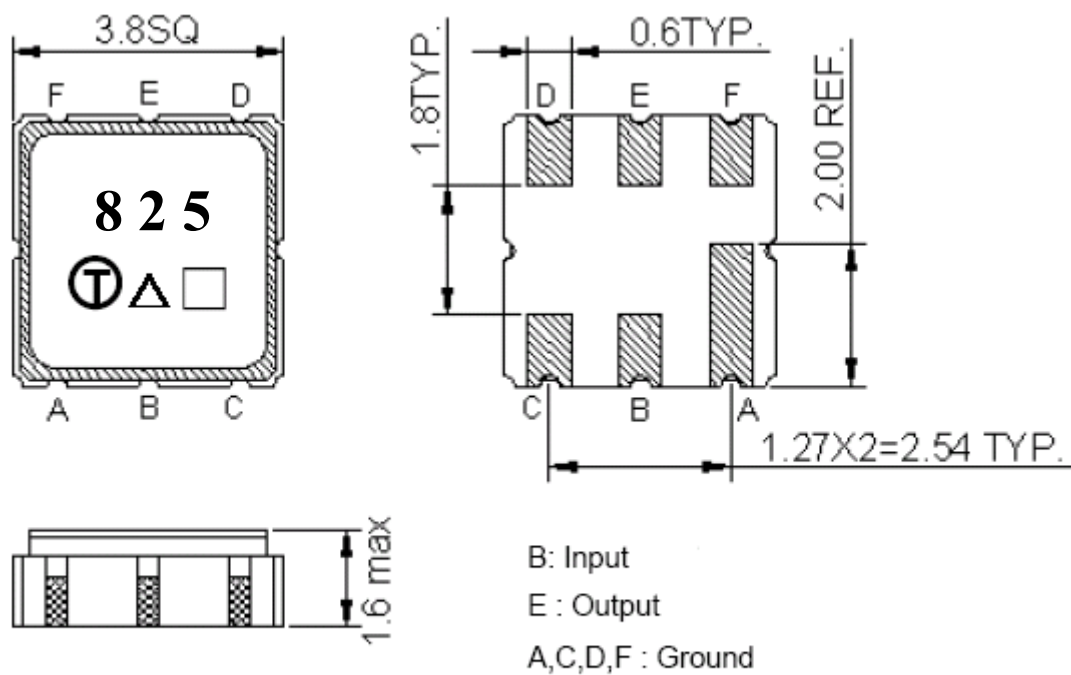
Item			Min.	Typ.	Max.
Center frequency	F _c	(dB)	-	914	-
Insertion loss within 912 ~ 916MHz	IL	(dB)	-	2.5	3.5
Amplitude ripple (p-p) within 912 ~ 916 MHz		(dB)	-	0.16	1.0
Attenuation (Reference level from 0 dB)					
869 ~ 873 MHz		(dB)	42	54	-
891 ~ 894 MHz		(dB)	36	51	-
934 ~ 937 MHz		(dB)	24	36	-
955 ~ 960 MHz		(dB)	40	51	-
Temperature Coefficient		Ppm/°C	-	-36	-
Source impedance	Z _S	(Ω)	-	50	-
Load impedance	Z _L	(Ω)	-	50	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



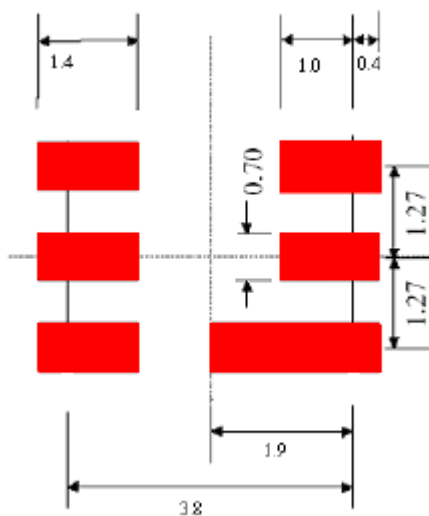
D.OUTLINE DRAWING:



□ : Date Code(Follow the table from planner each year)
 △ : Year Code(2007→7,···2009→9)

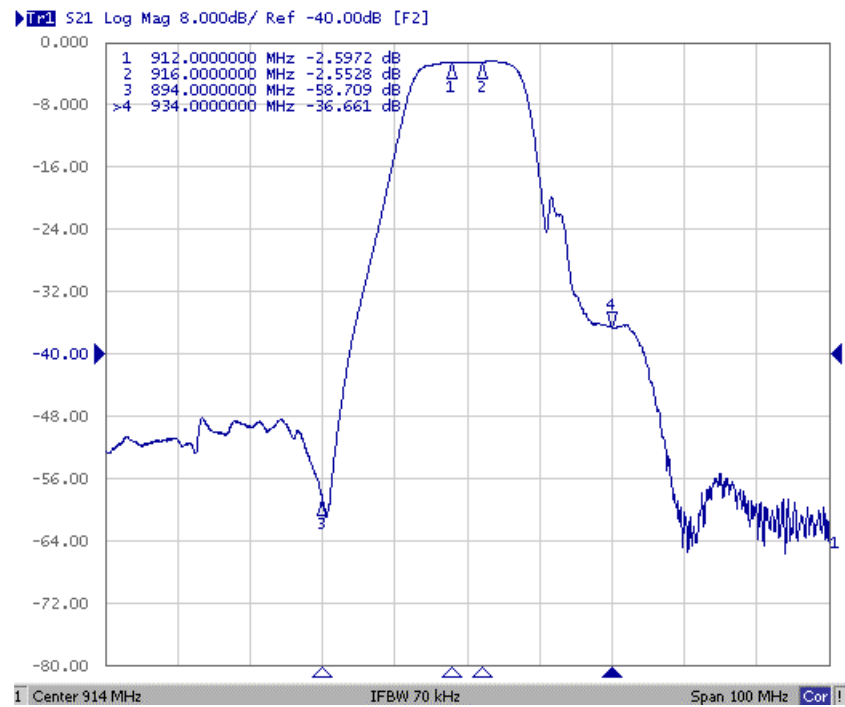
	Odd Year	Even Year
Year Code	A	a

E. PCB Footprint :



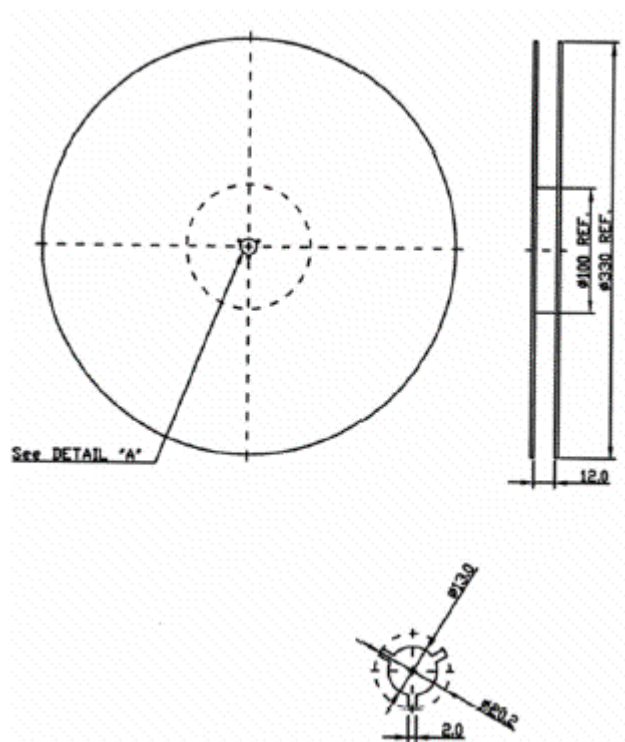
F. Frequency Characteristics :

Transfer function

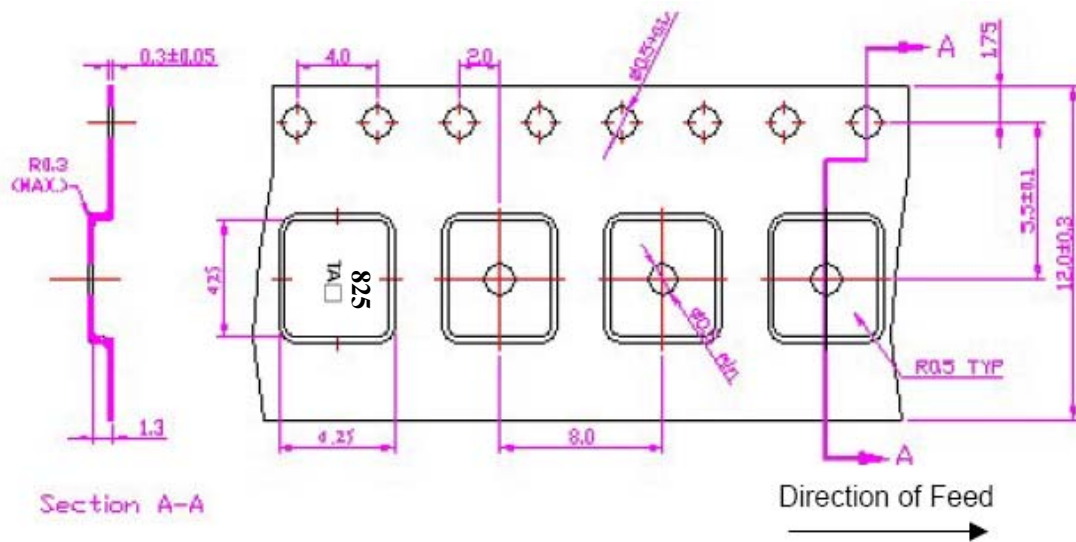


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

