TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.
TEL: 886-3-4690038 FAX: 886-3-4697532
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date: February, 16, 2007

Product Name: SAW Filter 1965 MHz SMD 3.0X3.0 mm

TST Parts No.:TA0630A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Paul Ni_____

Approval by:_____Francis Chen_____

Date:_____02, 16, 2007_____

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SAW Filter 1965 MHz

MODEL NO.: TA0630A REV. NO：1.0

A. MAXIMUM RATING:

RoHS Compliant
Lead free
Lead-free soldering

1.Input Power Level: 10 dB_m

2.DC voltage: 3 V

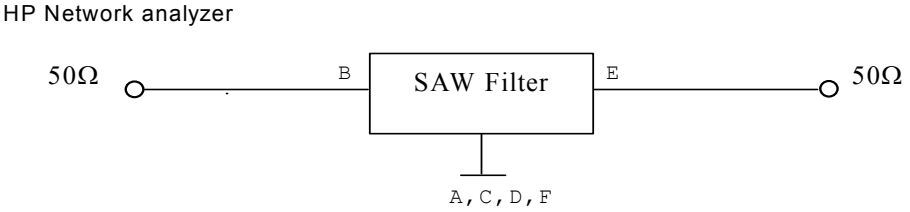
3.Operating Temperature: -30°C to +85°C

4.Storage Temperature: -40°C to +85°C

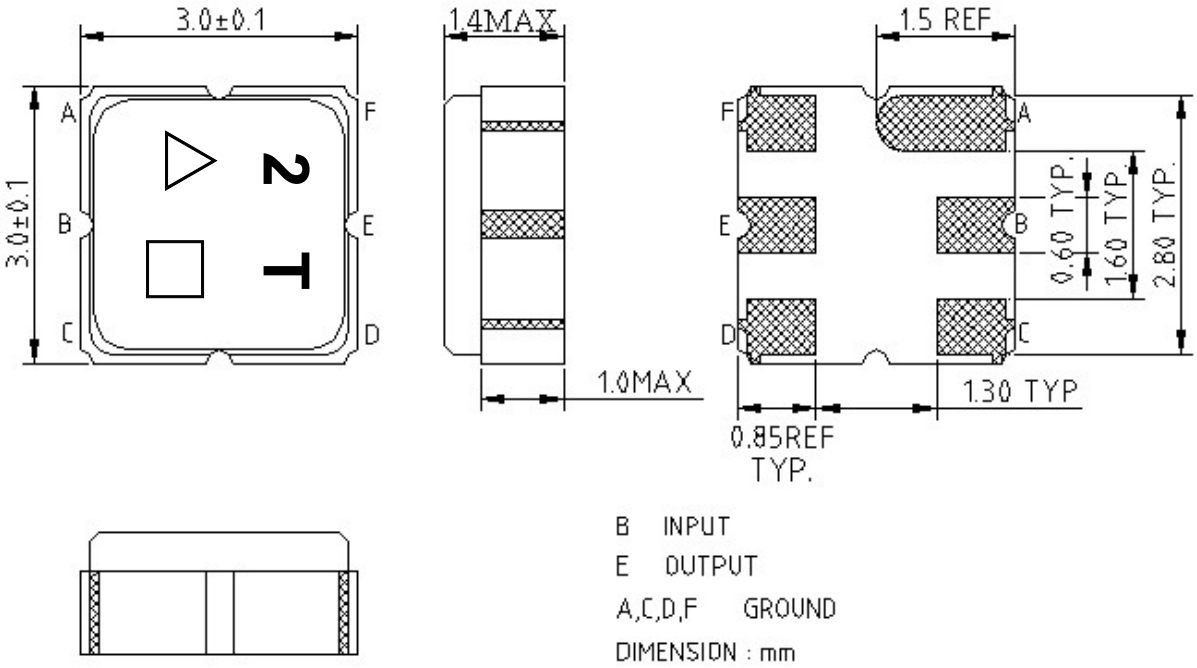
B. ELECTRICAL CHARACTERISTICS:

Item			Min.	Typ.	Max.
Center frequency	**Fc**	(dB)	-	1965	-
Insertion loss within 1930 ~2000 MHz	**IL**	(dB)	-	2.4	3.8
Amplitude ripple (p-p) within 1930 ~ 2000 MHz		(dB)	-	1.3	2.5
Attenuation (Reference level from 0 dB)					
D.C. ~ 1622.5 MHz		(dB)	14.0	24.5	-
1622.5 ~ 1832.5 MHz		(dB)	15.0	26.0	-
1832.5 ~ 1907.5 MHz		(dB)	10.0	18.5	-
2042.5 ~ 3242.5 MHz		(dB)	17.0	29.0	-
3242.5 ~ 4000 MHz		(dB)	14.0	30.0	-
VSWR within 1930 ~2000 MHz			-	1.9	2.6
Source impedance	Zs	(Ω)	-	50	-
Load impedance	Z_L	(Ω)	-	50	-

C. MEASUREMENT CIRCUIT:



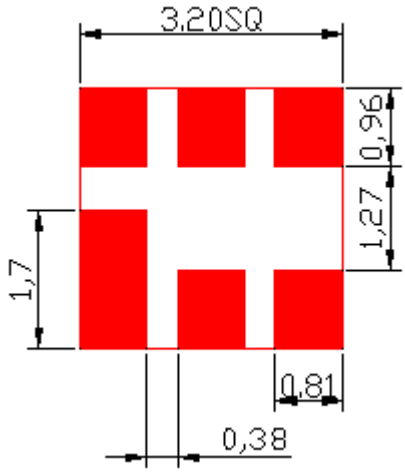
D.OUTLINE DRAWING:



△ : Year Code(2007➔7,…2009➔9)

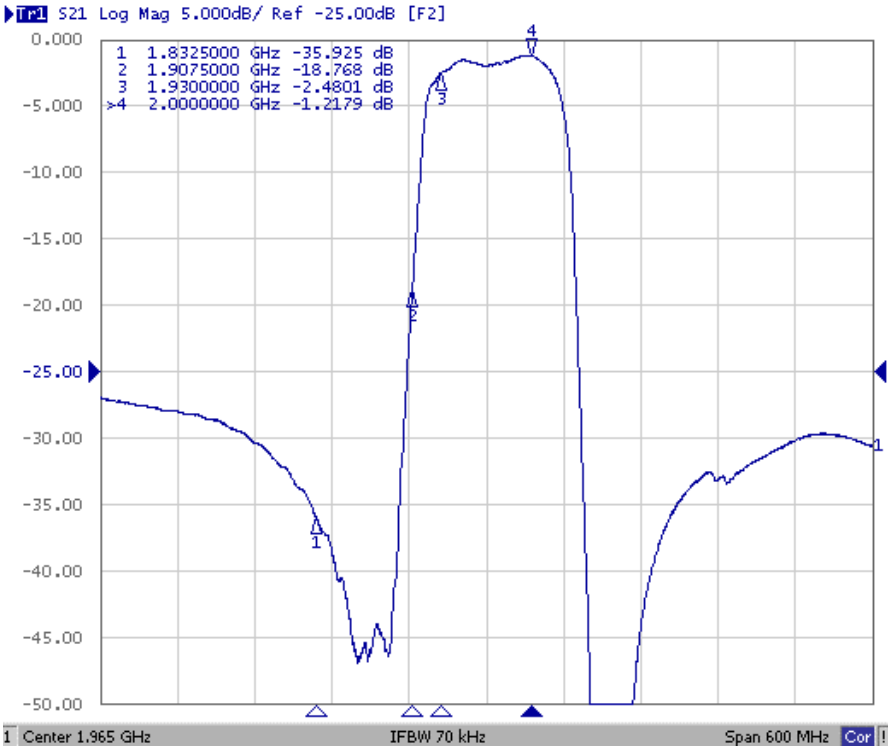
□ : Date Code(Follow the table from planner each year)

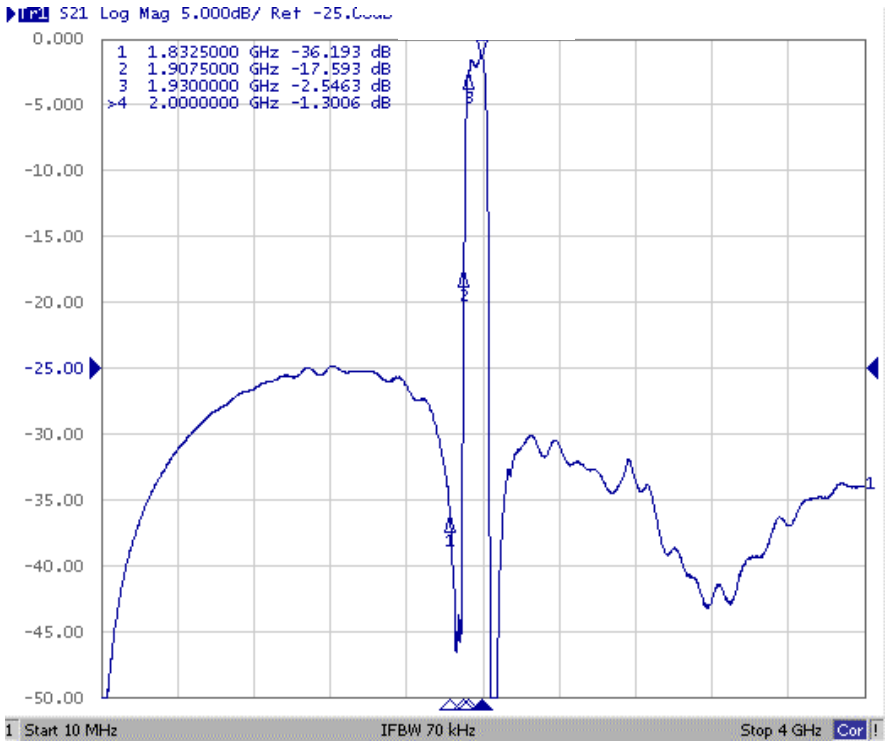
E. PCB Footprint：



F. Frequency Characteristics :

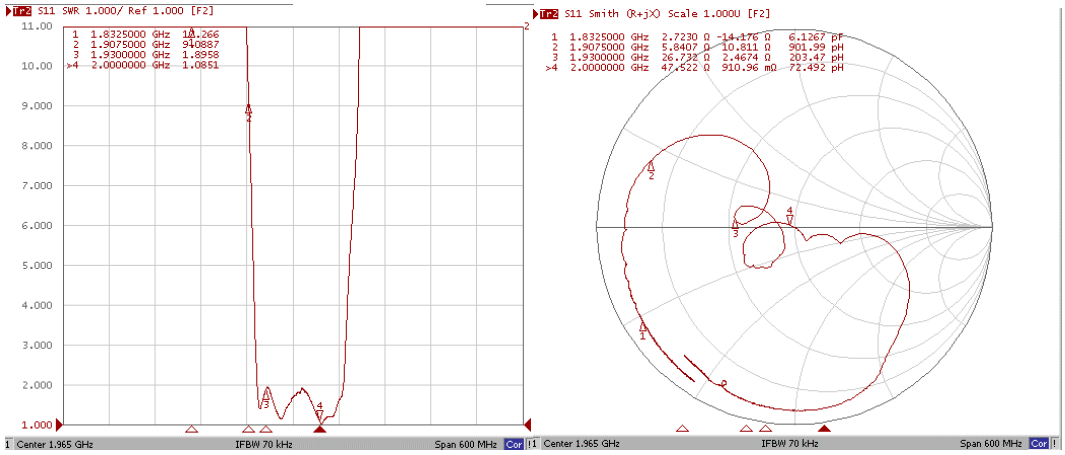
Transfer function



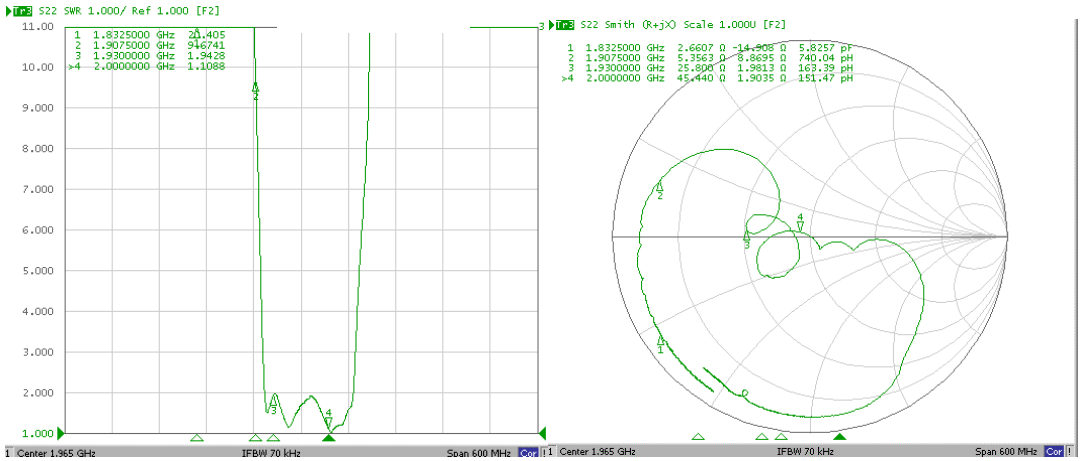


Reflections Functions :

S11 VSWR

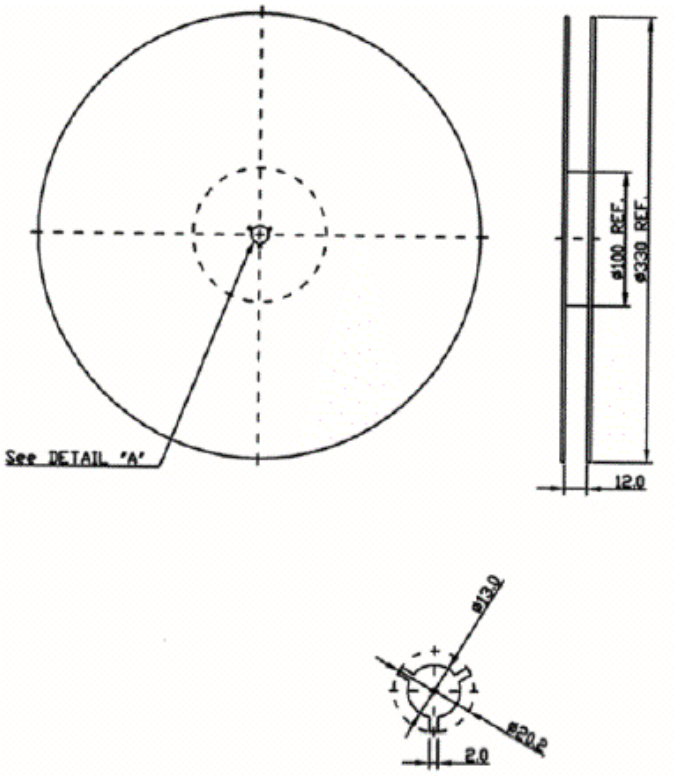


S22 VSWR

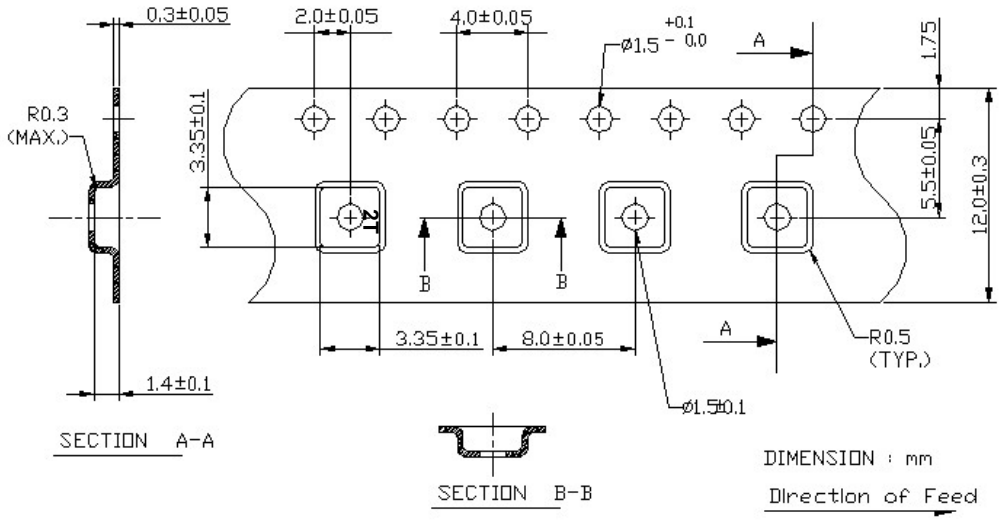


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE: