



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: October, 23, 2007

Product Name: SAW Filter 2017MHz SMD 3.0X3.0 mm

TST Parts No.: TA0724A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Paul Ni

Approval by: _____ Francis chen

Date: _____ 10, 23, 2007



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SAW Filter 2017 MHz

MODEL NO.: TA0724A

REV. NO : 1.0

A. MAXIMUM RATING:

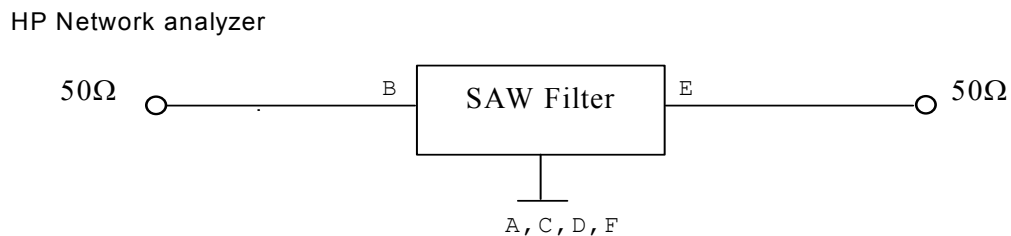
1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

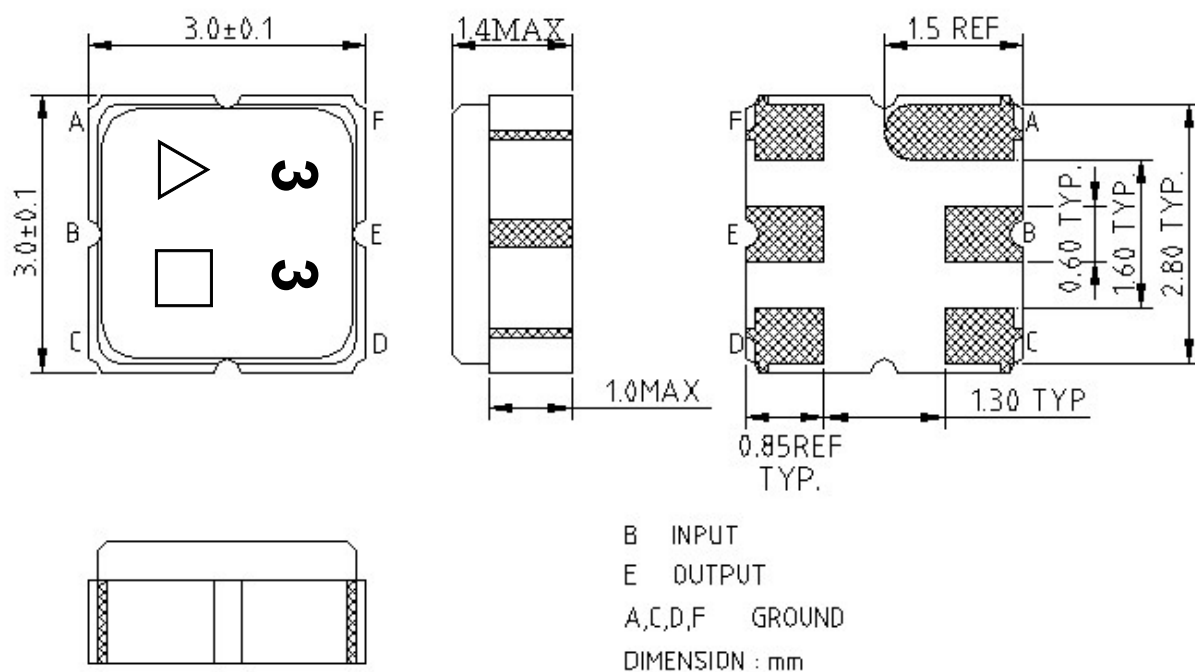
B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	2017	-
Insertion loss within 2007 ~ 2026 MHz IL (dB)	-	1.9	4
Amplitude ripple (p-p) within 2007 ~ 2026 MHz (dB)	-	0.4	2.0
Attenuation (Reference level from 0 dB)			
D.C. ~ 470 MHz (dB)	20	35	-
470 ~ 1800 MHz (dB)	18	30	-
1800 ~ 1940 MHz (dB)	22	34	-
2110 ~ 2200 MHz (dB)	24	36	-
2200 ~ 4000 MHz (dB)	22	35	-
Source impedance Z _s (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

C. MEASUREMENT CIRCUIT:



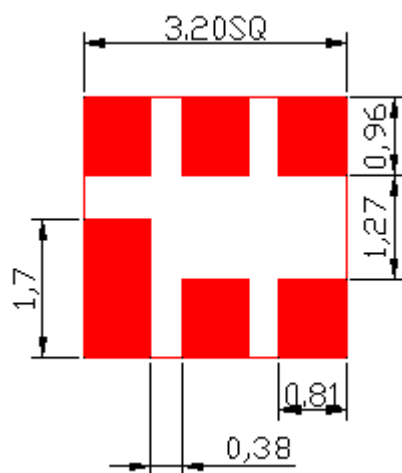
D.OUTLINE DRAWING:



△ : Year Code(2007→7, ... 2009→9)

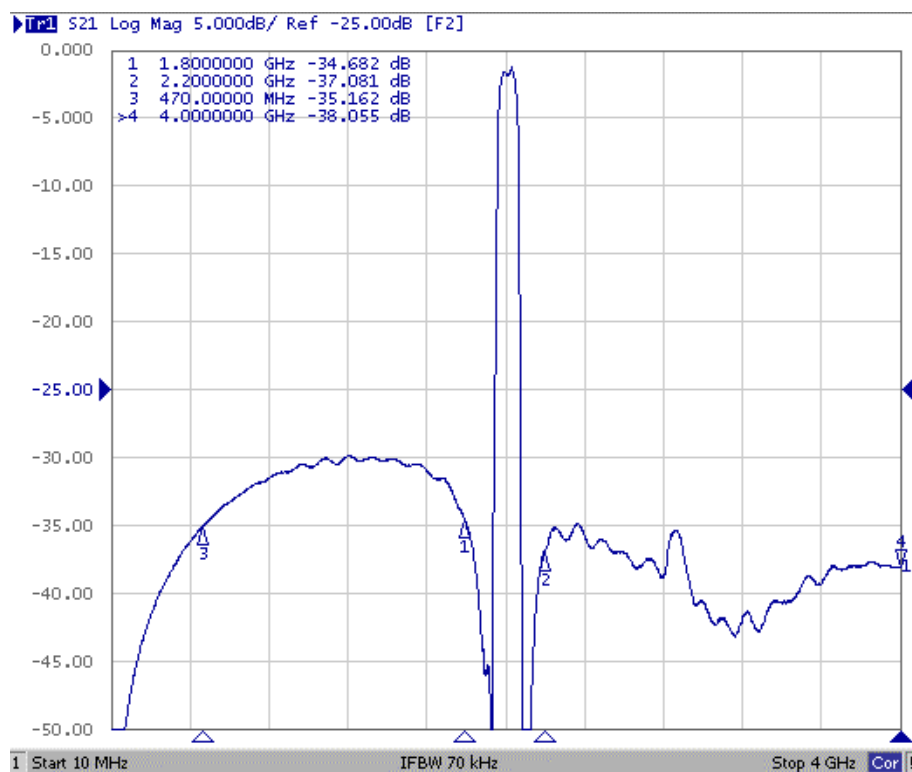
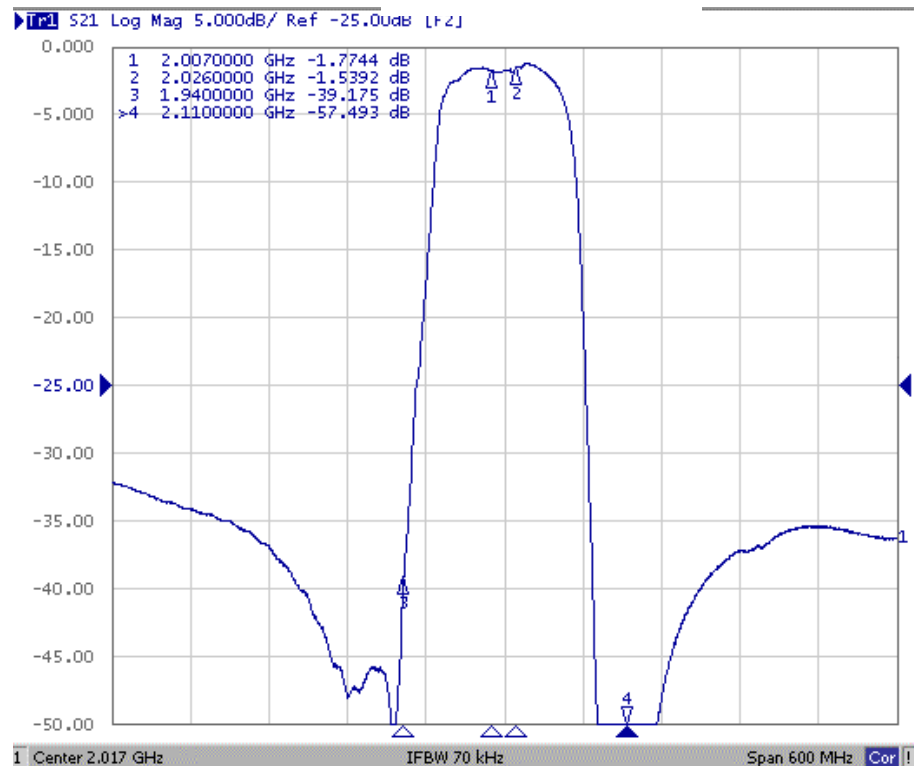
□ : Date Code(Follow the table from planner each year)

E. PCB Footprint :



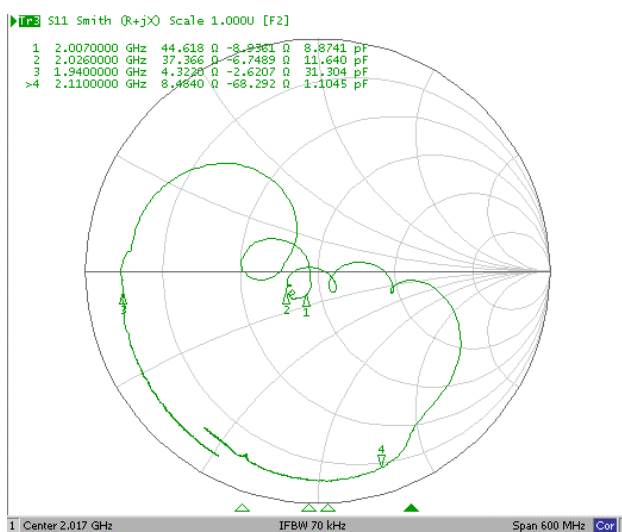
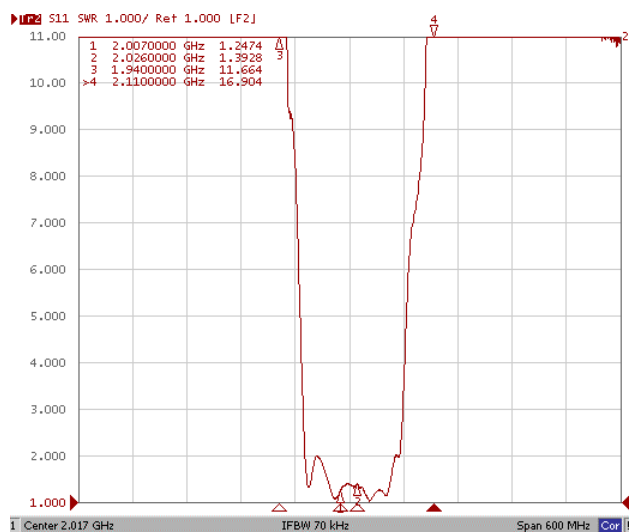
F. Frequency Characteristics :

Transfer function

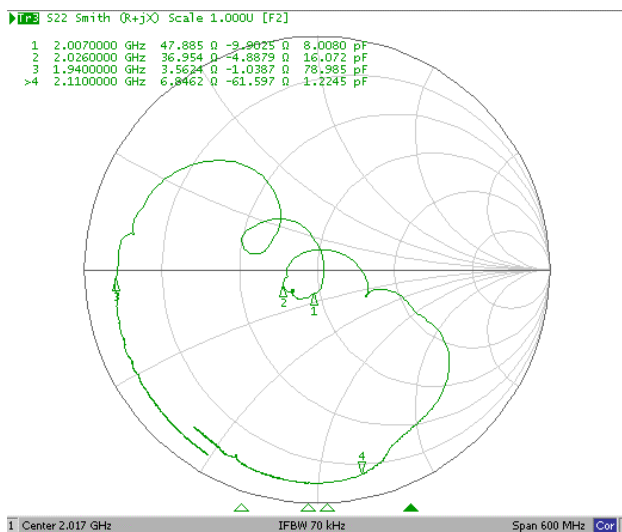
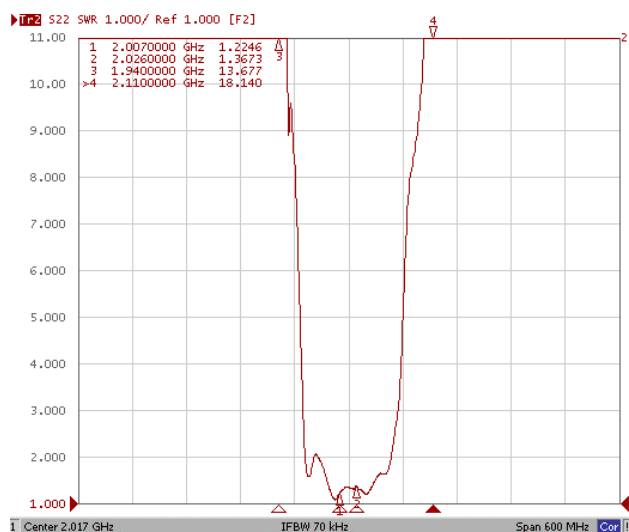


Reflection Functions :

S11

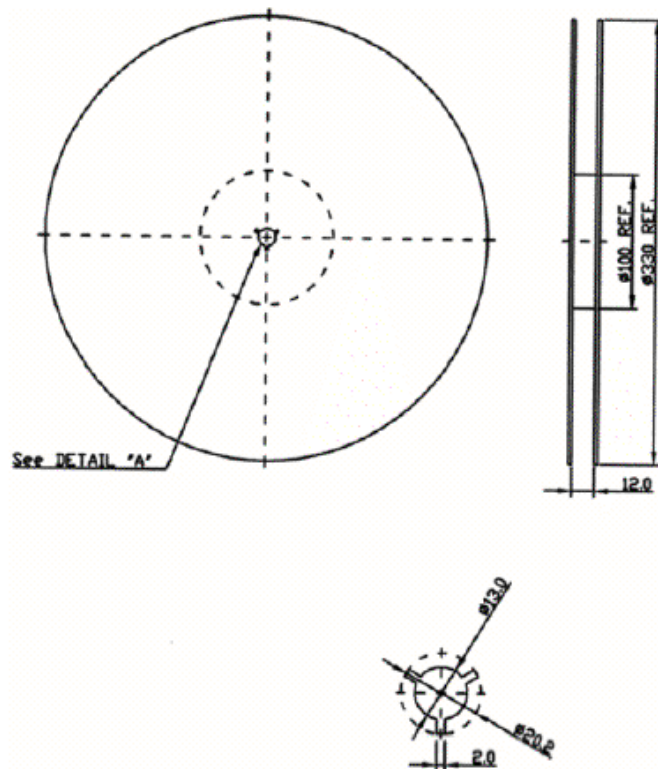


S22

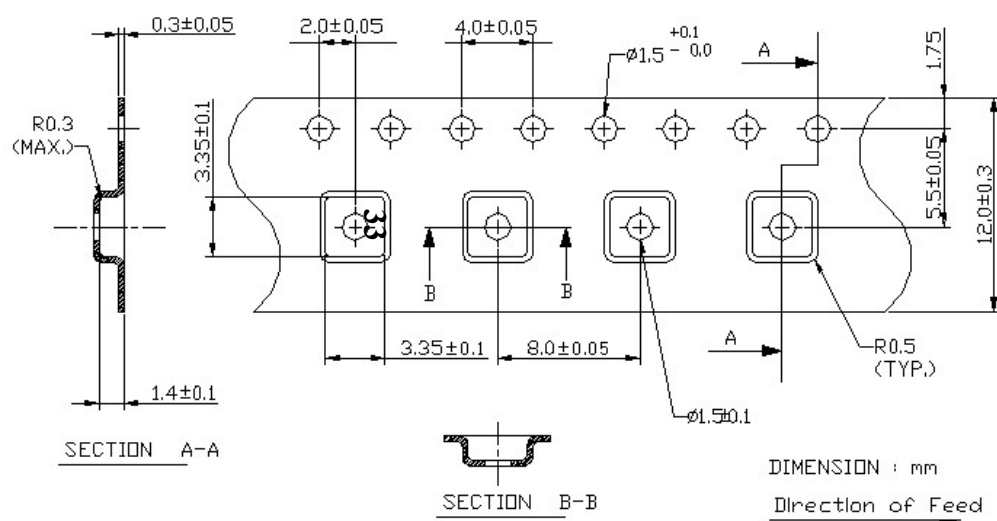


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

