



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: Nov, 27, 2007

Product Name: SAW Filter 1575.42 MHz SMD 2.0X1.6 mm

TST Parts No.: TA0769A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 11, 27, 2007



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SAW Filter 1575.42MHz

MODEL NO.:TA0769A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -55°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

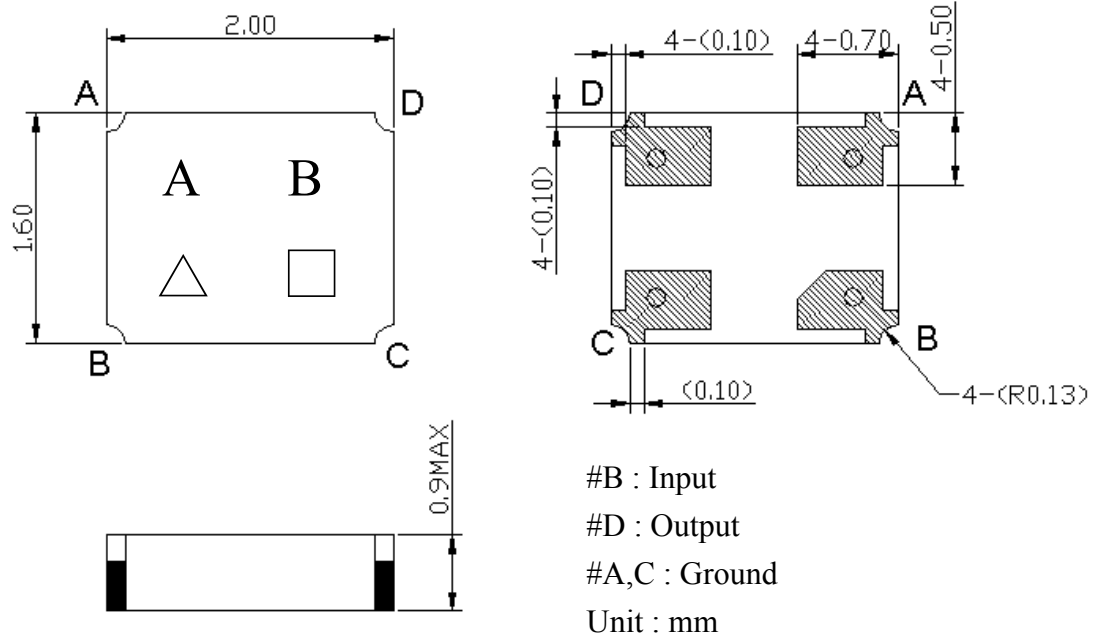
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance : $Z_s = 50 \Omega$

Terminating load impedance : $Z_L = 50 \Omega$

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1575.42	-	-
Max. Insertion Loss (1574.42~1576.42 MHz) IL	dB	-	1.15	1.6	-
Amplitude ripple (1574.42~1576.42 MHz)	dB	-	0.1	0.5	-
VSWR (1574.42~1576.42 MHz)		-	1.2	1.9	-
Attenuation					
100~960 MHz	dB	31	33	-	-
960~1460 MHz	dB	31	33	-	-
1460~1513 MHz	dB	22	26	-	-
1648~1710 MHz	dB	22	28	-	-
1710~1990 MHz	dB	25	32	-	-
1990~2300 MHz	dB	25	30	-	-
2300~4000 MHz	dB	29	31	-	-
4000~6000 MHz	dB	20	24	-	-

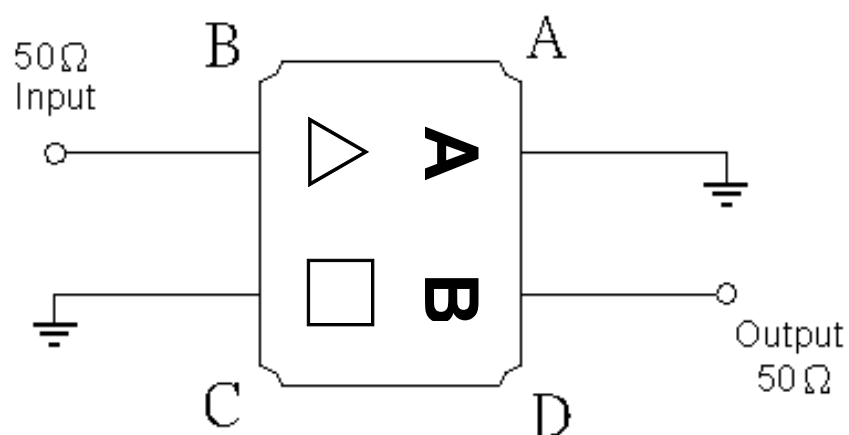
C.OUTLINE DRAWING:



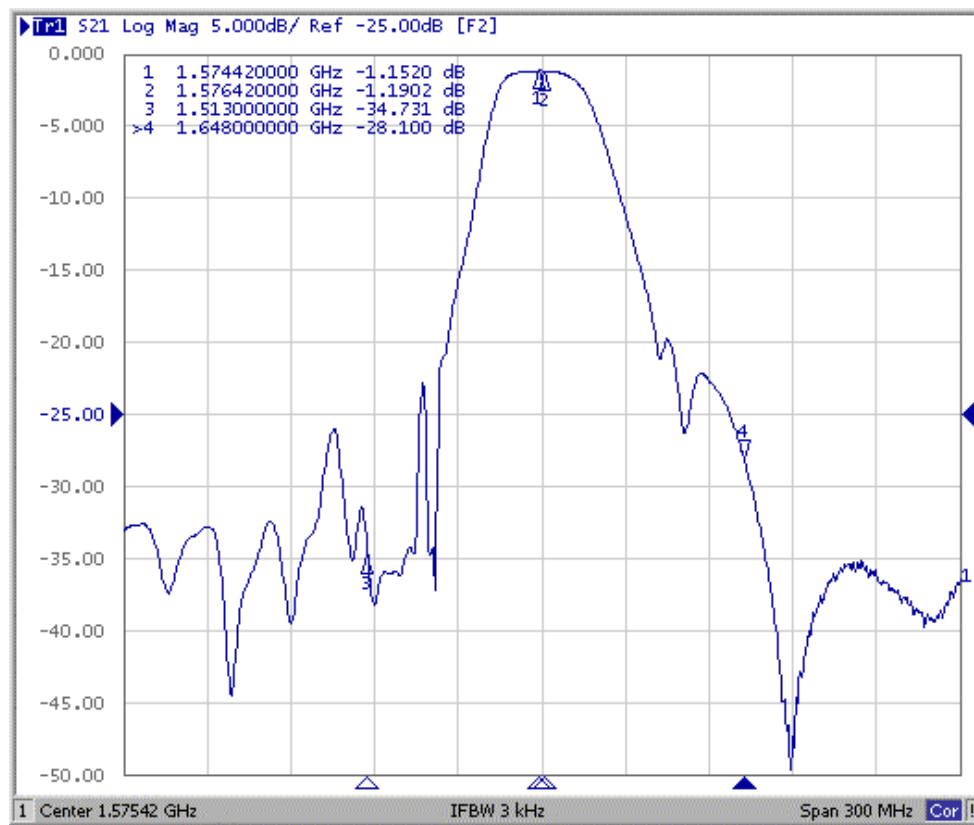
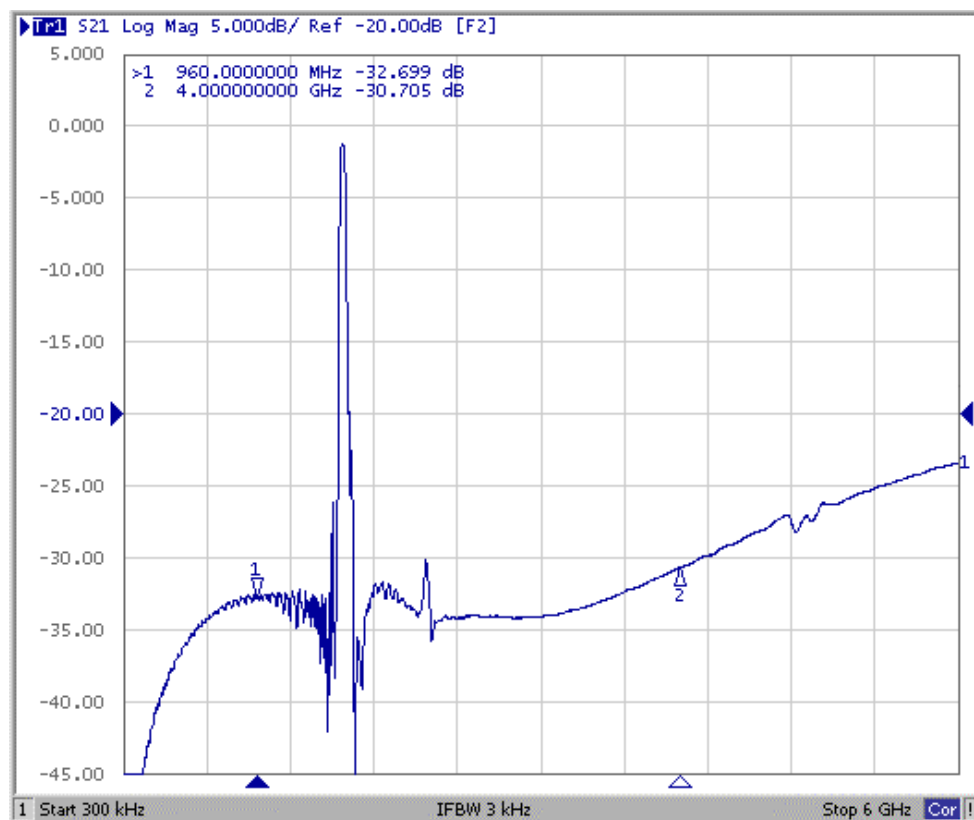
△ : Year Code (2006->6,...,2009->9)

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

D. MEASUREMENT CIRCUIT:

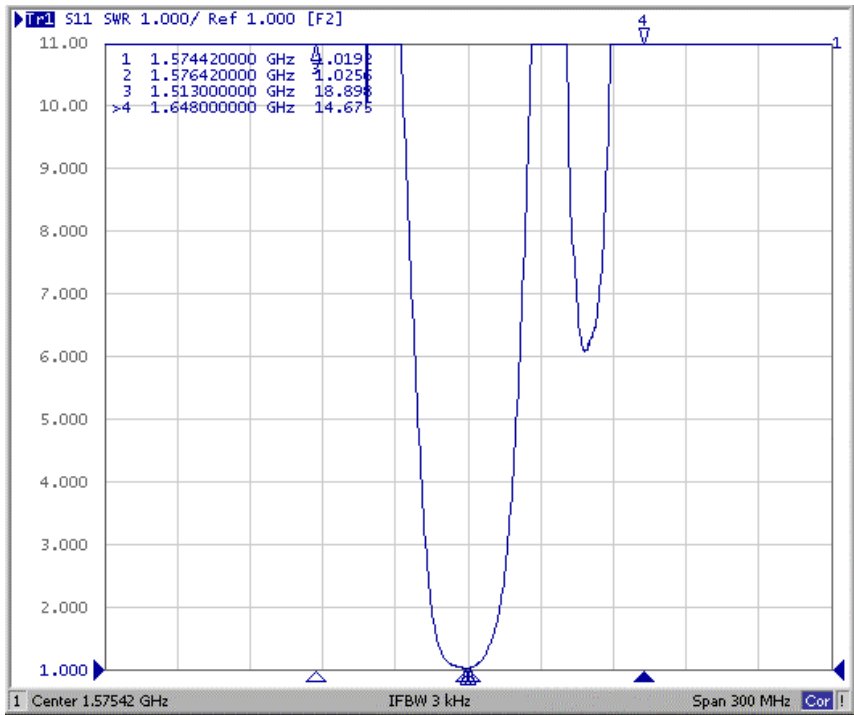


E. Frequency Characteristics :

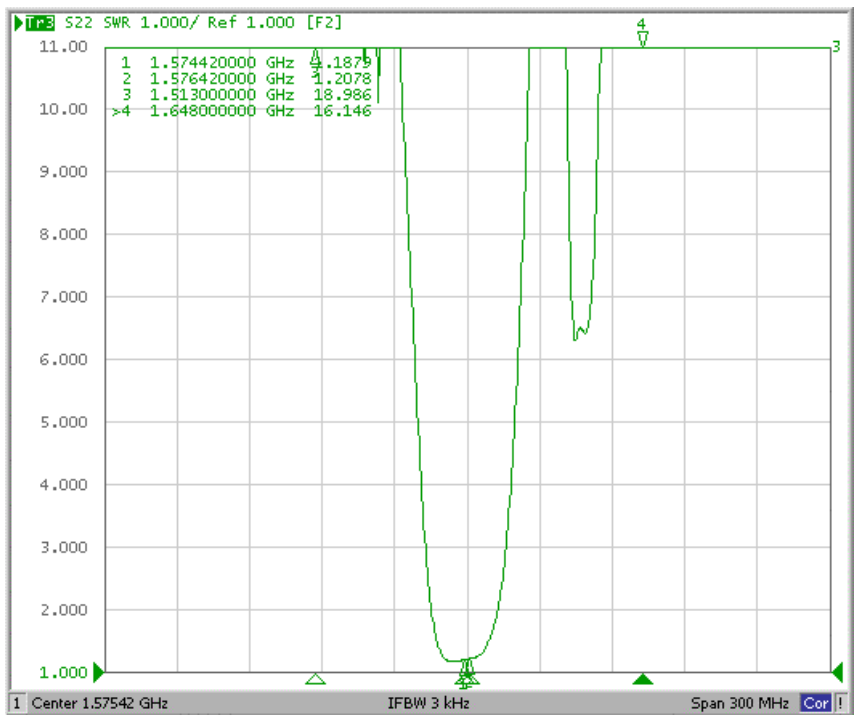


Reflection Functions :

S11



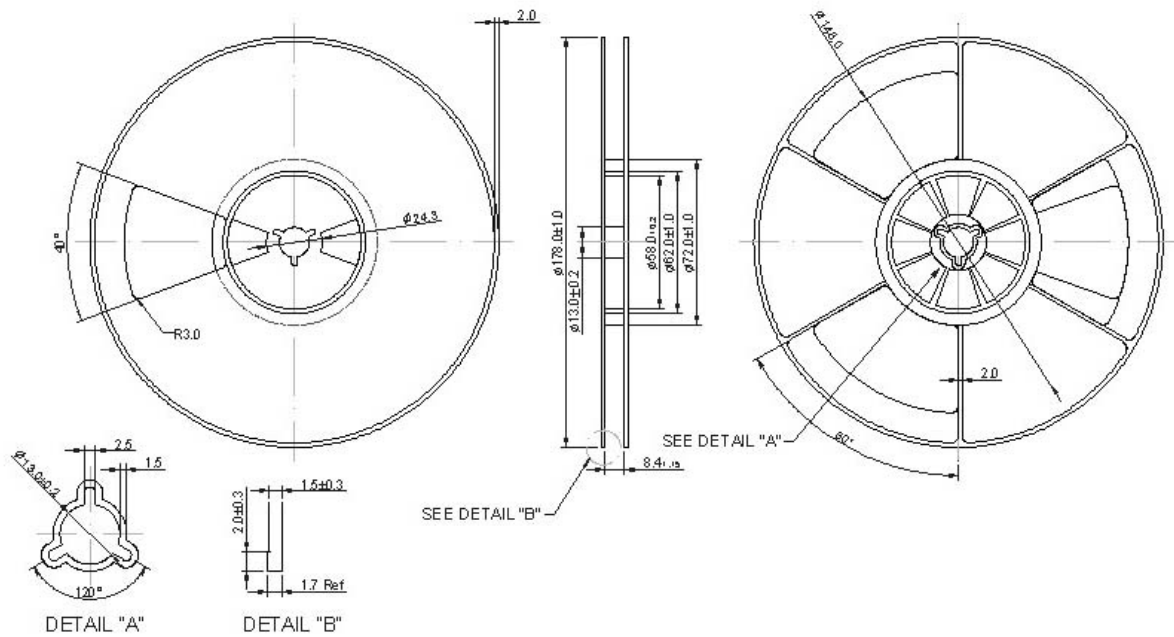
S22



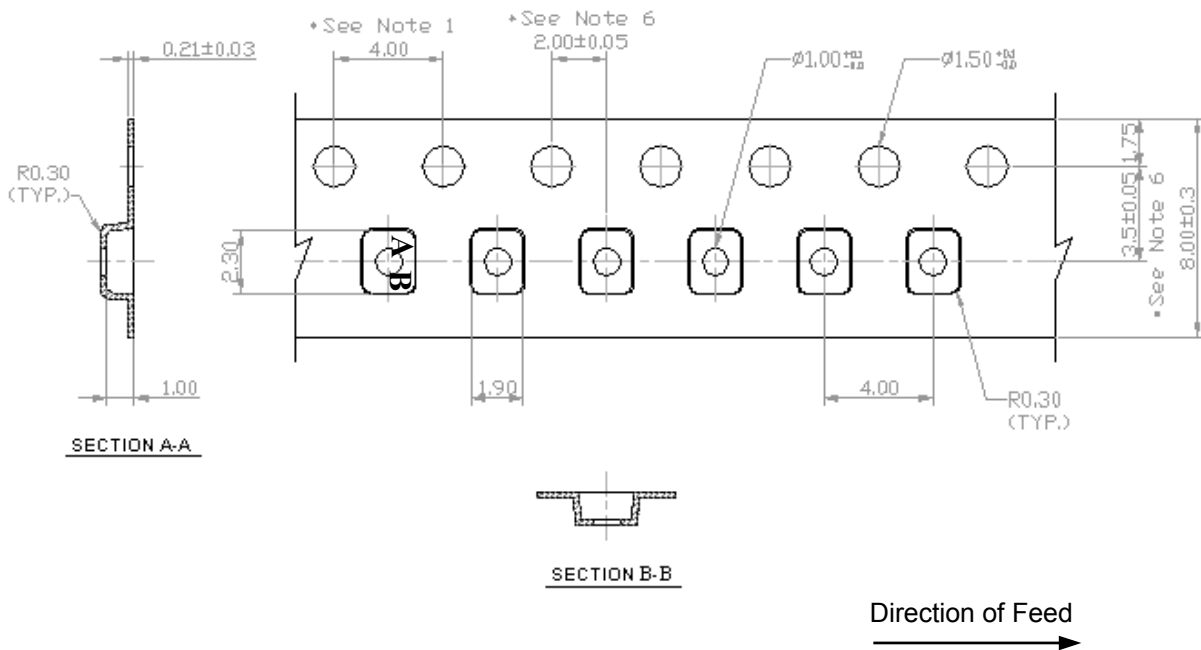
F. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=2000 typ. ; 13"=10000 typ.)



2. TAPE DIMENSION



F. RECOMMENDED REFLOW PROFILE :

