



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: Jul, 12, 2007

Product Name: SAW Filter 1575 MHz SMD 3.0X3.0 mm

TST Parts No.: TA1575LL

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 7, 12, 2007



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SAW Filter 1575MHz

MODEL NO.:TA1575LL

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 30 dBm (*)
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

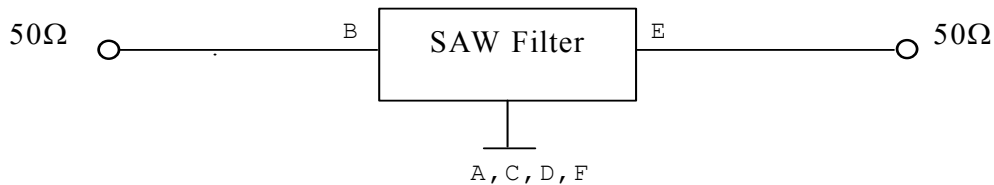
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1575	-	-
Insertion Loss at 1575 MHz IL	dB	-	1	1.3	-
Amplitude Ripple (1565 ~ 1585 MHz)	dB	-	0.2	2	-
VSWR (1565 ~ 1585 MHz)		-	1.25	2.0	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 600 MHz	dB	12	17	-	-
600 ~ 1475 MHz	dB	10	21	-	-
1625 ~ 1650 MHz	dB	14	24	-	-
1650 ~ 3000 MHz	dB	10	17.5	-	-

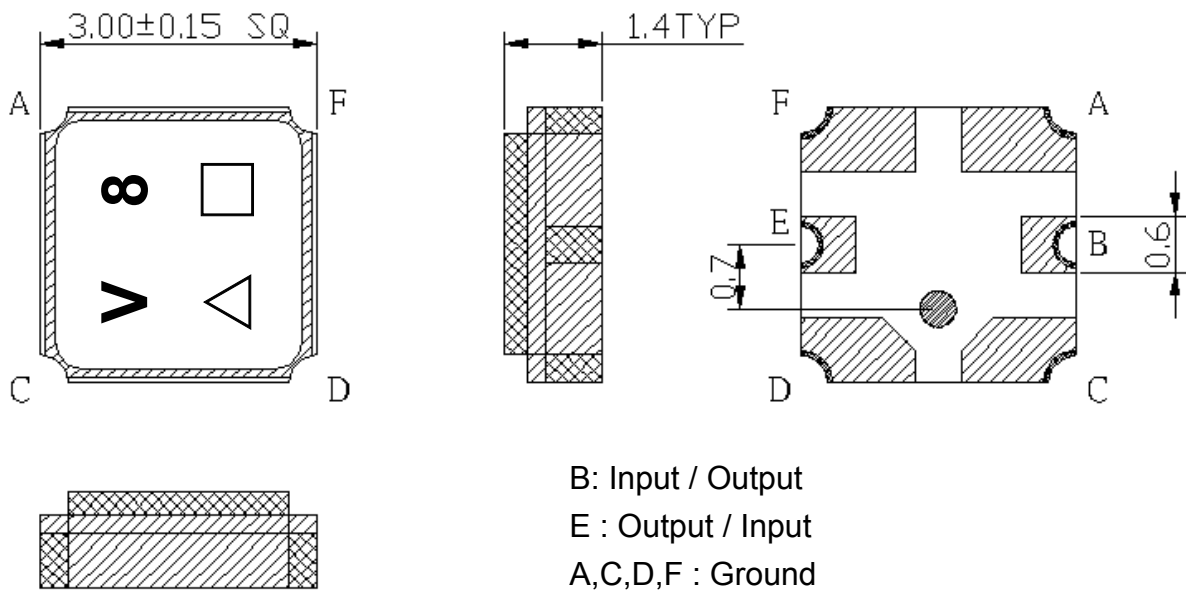
(*) : power input period is 10 sec.

C. MEASUREMENT CIRCUIT:

HP Network analyzer

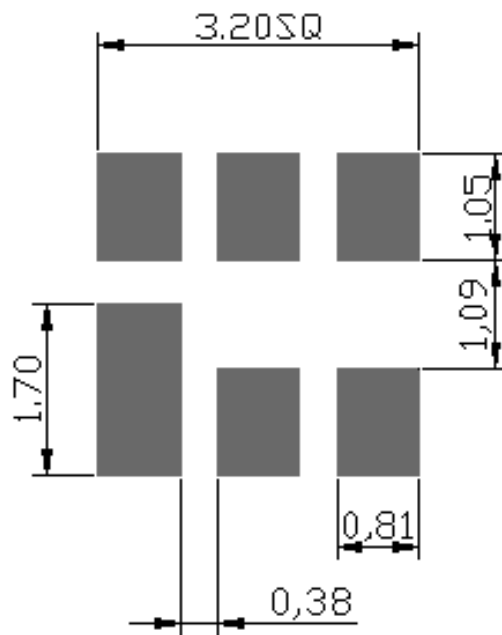


D.OUTLINE DRAWING:

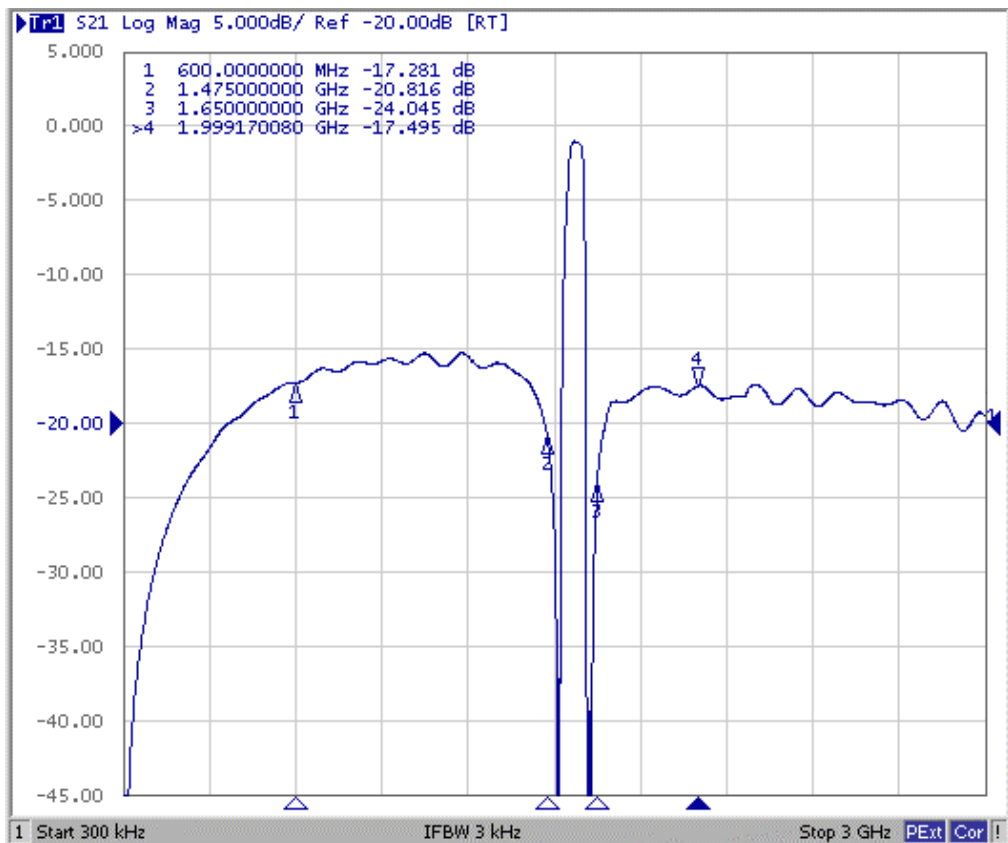
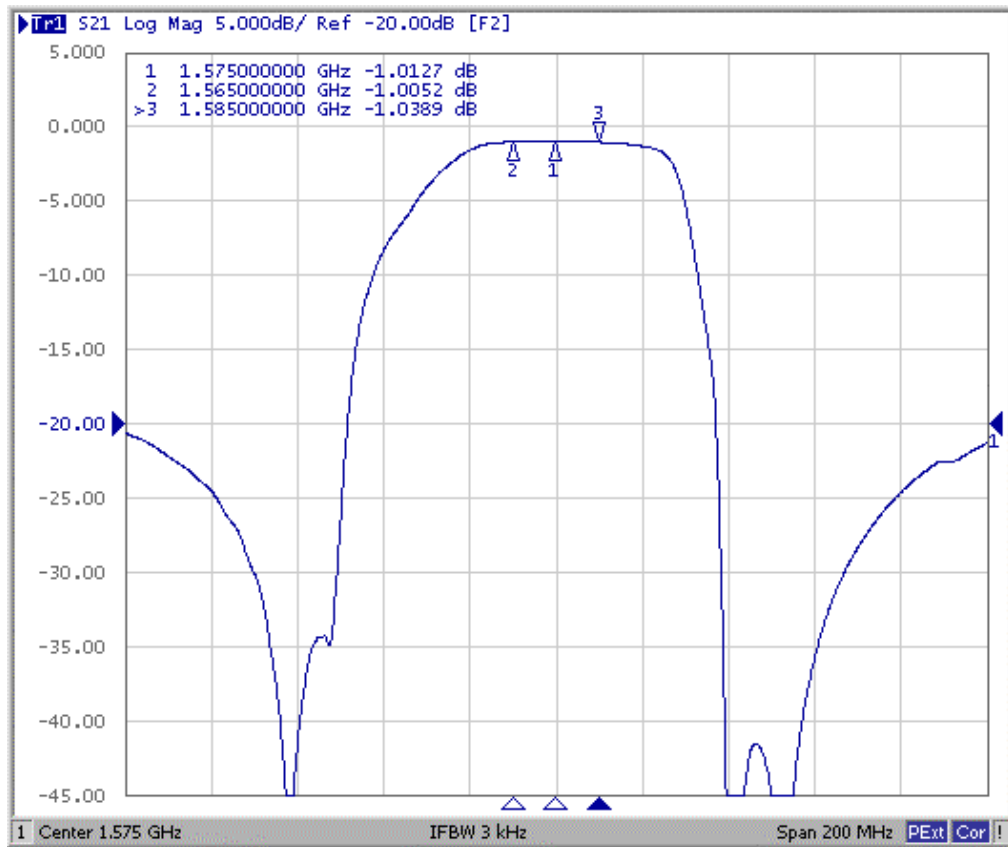


- △ : Year Code (2006->6, ..., 2009->9)
- : Date Code (Follow the table from planner each year)

E. PCB Footprint:

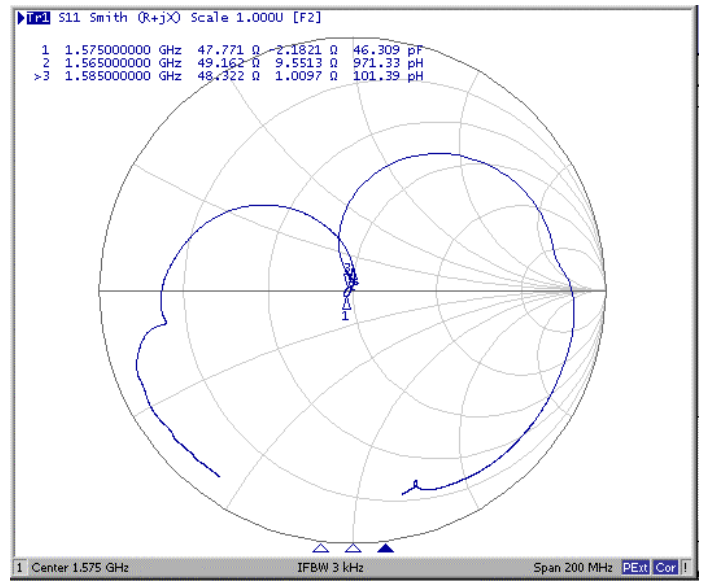
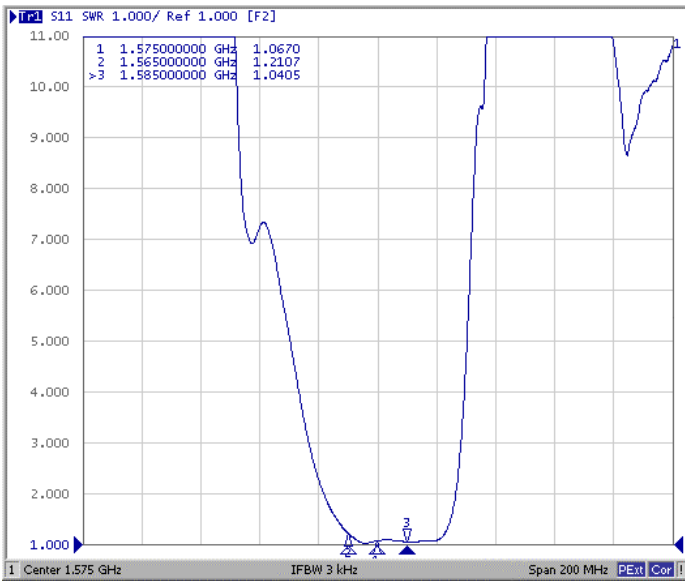


F. Frequency Characteristics :

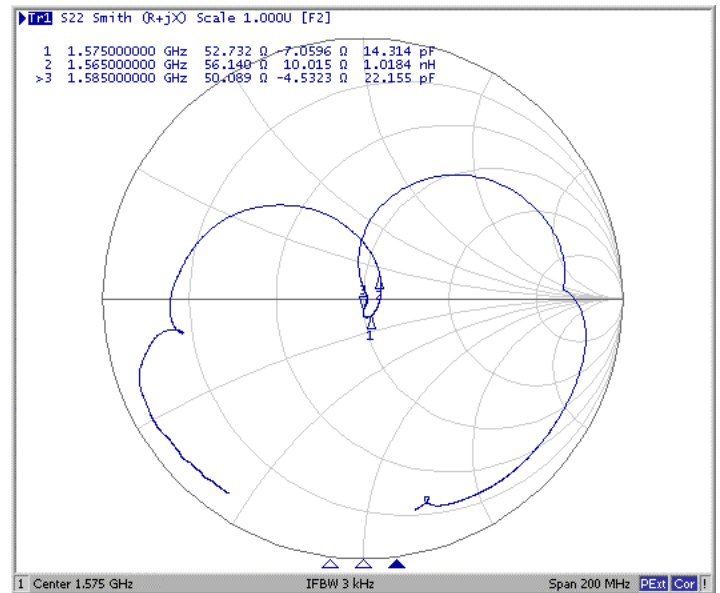
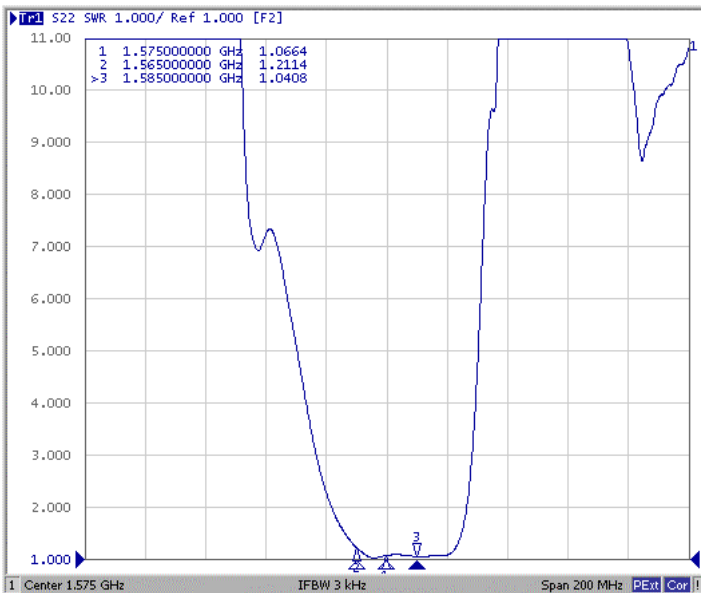


Reflections Functions :

S11 VSWR



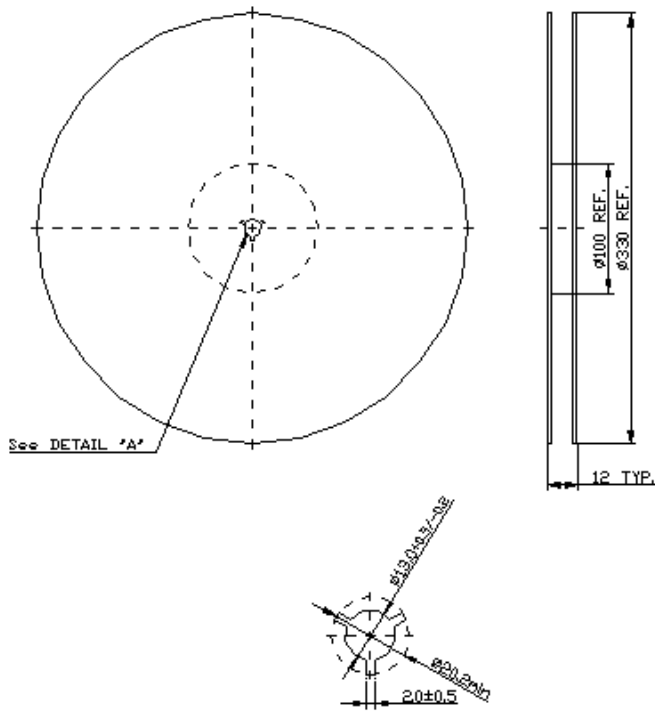
S22 VSWR



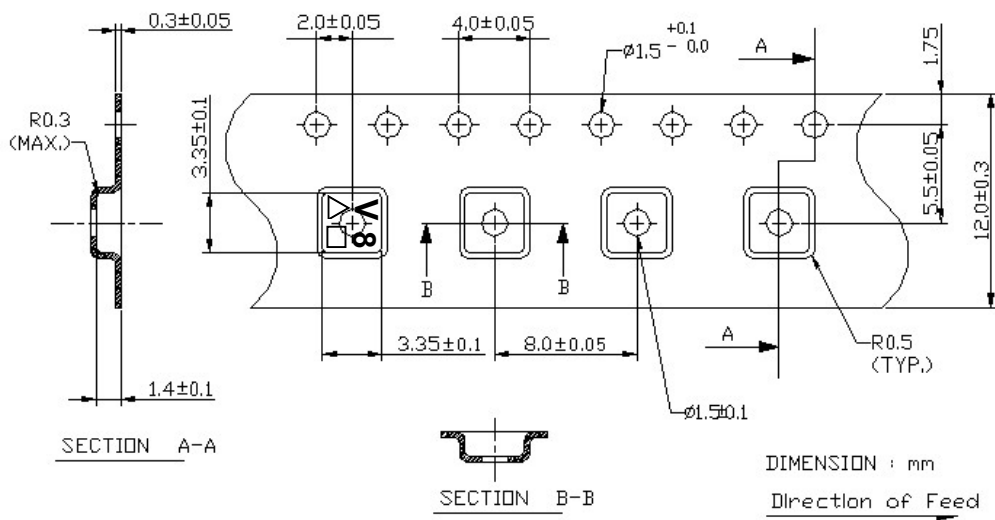
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

