



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: March, 13, 2006

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

TST Parts No.: TA1575BB

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 3, 13, 2006



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SAW Filter 1575MHz

MODEL NO.:TA1575BB

REV. NO.:1

A. MAXIMUM RATING:

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

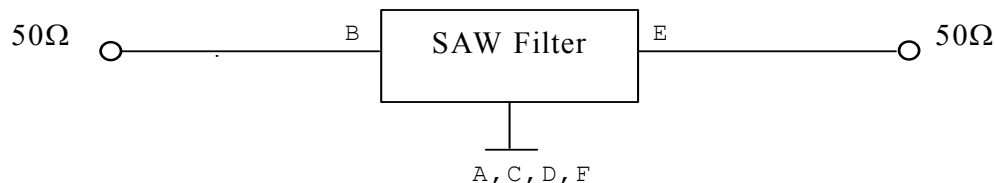
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

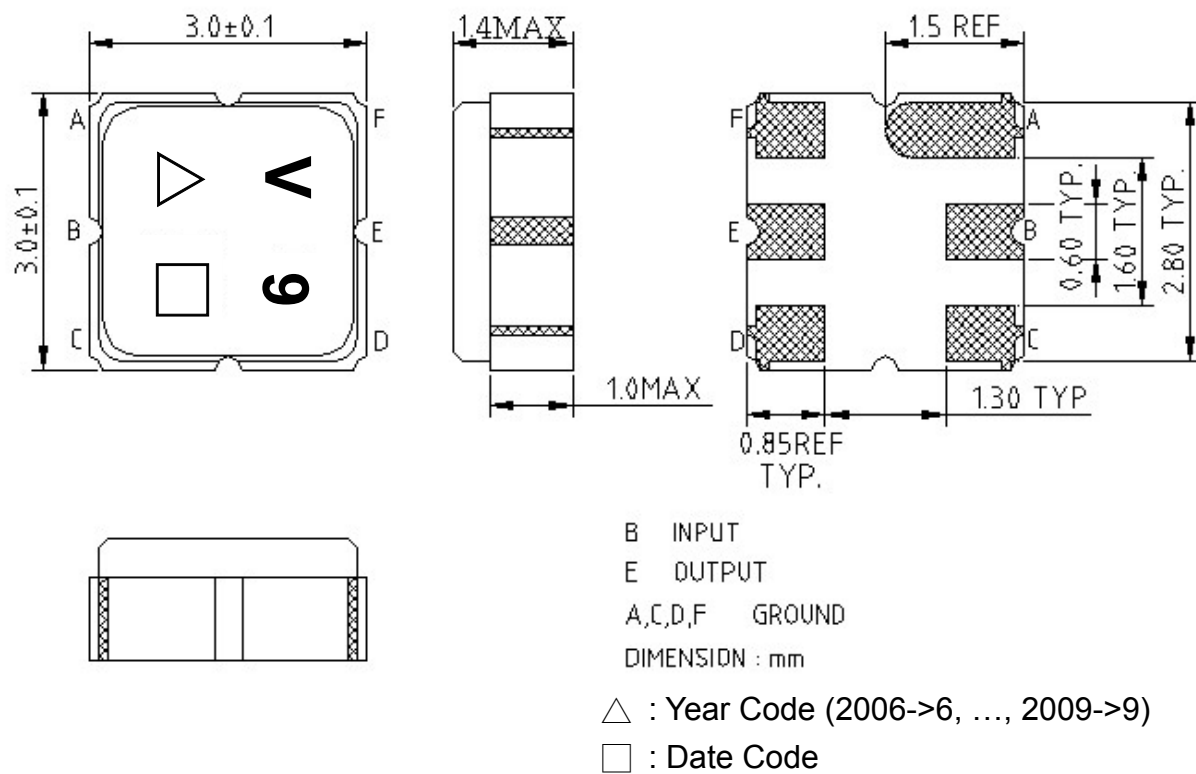
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1575	-	-
Insertion Loss (1565 ~ 1585 MHz) IL	dB	-	1.45	2.8	-
Amplitude Ripple (1565 ~ 1585 MHz)	dB	-	0.3	2	-
VSWR (1565 ~ 1585 MHz)		-	1.2	2	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 600 MHz	dB	30	36.7	-	-
600 ~ 1500 MHz	dB	27	34	-	-
1500 ~ 1525 MHz	dB	20	40	-	-
1625 ~ 1675 MHz	dB	20	42	-	-
1675 ~ 3000 MHz	dB	30	36.8	-	-

C. MEASUREMENT CIRCUIT:

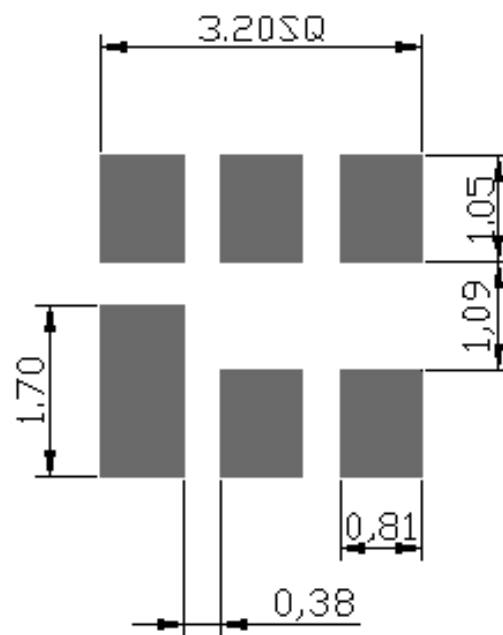
HP Network analyzer



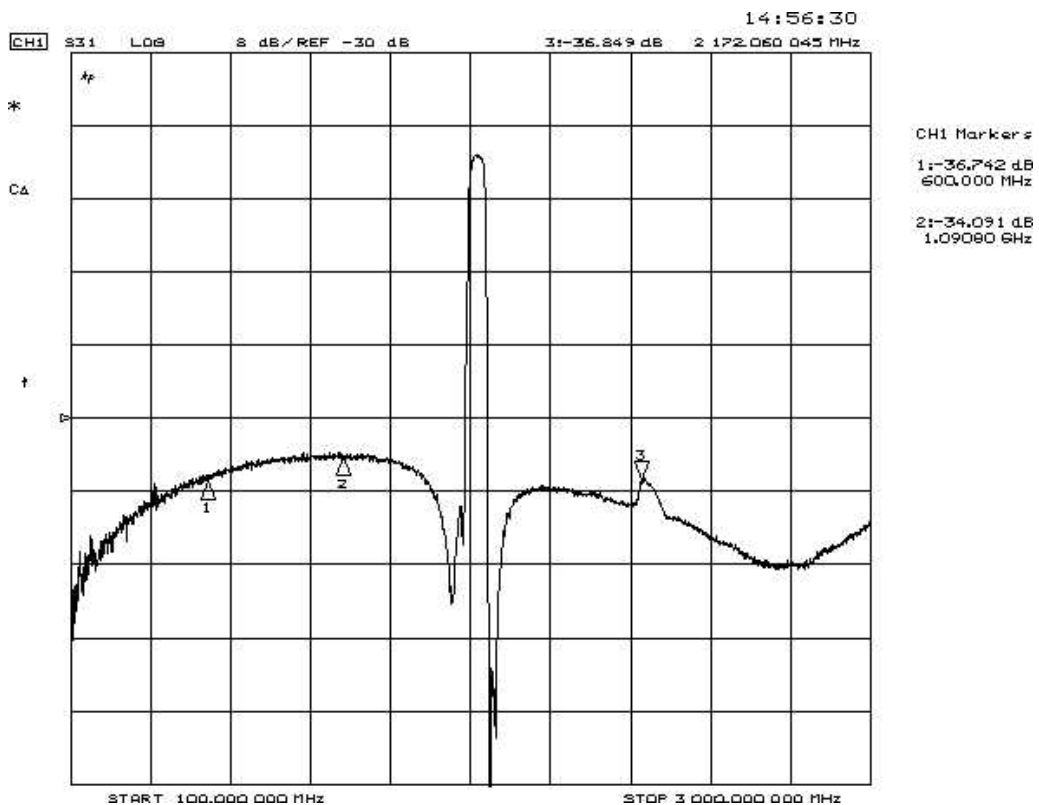
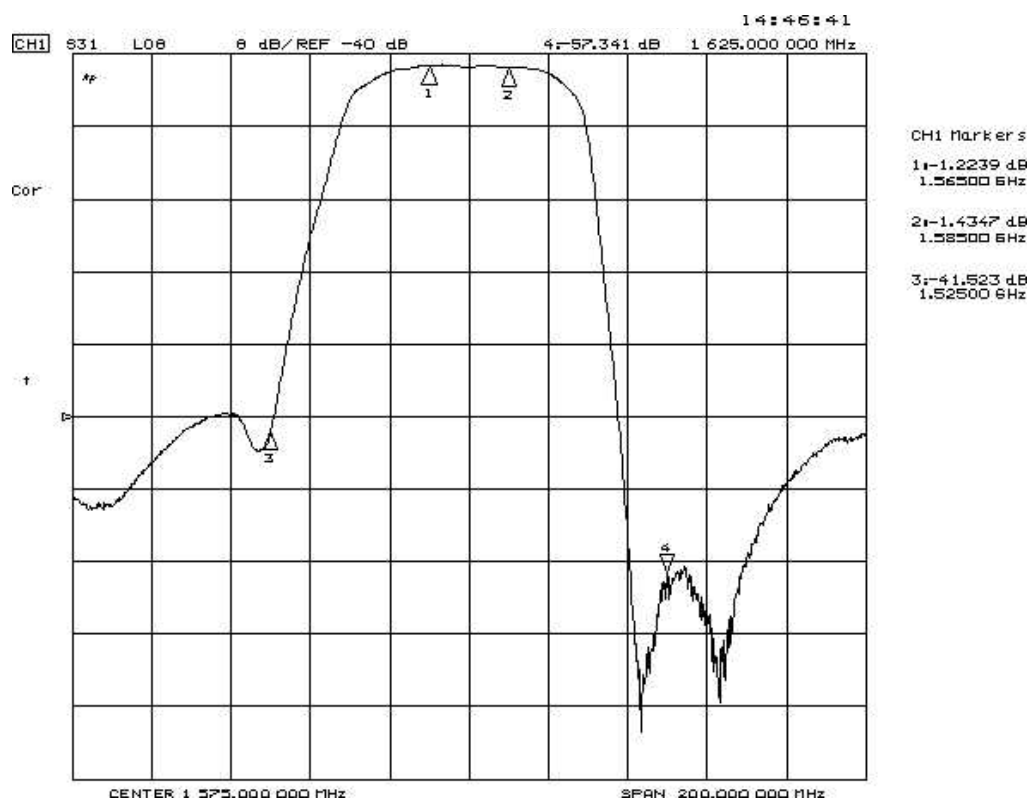
D.OUTLINE DRAWING:



E. PCB Footprint:

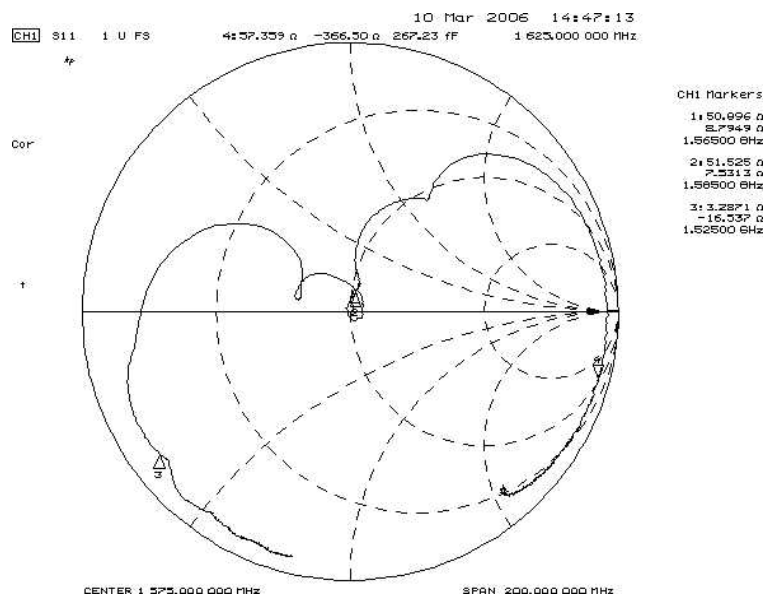
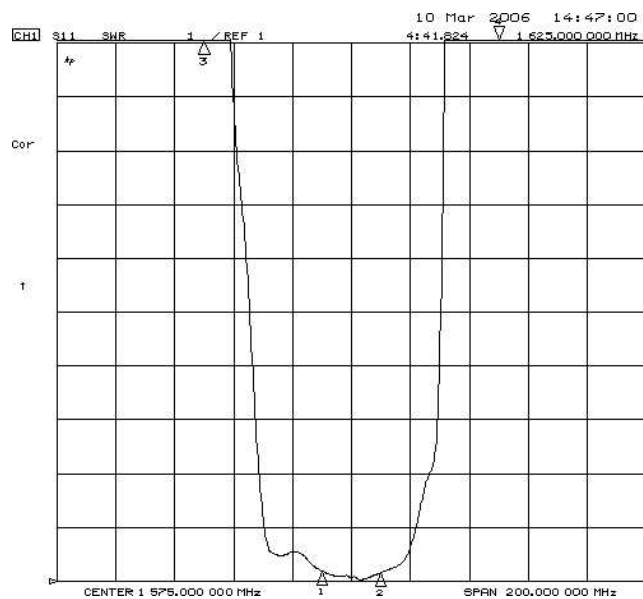


F. Frequency Characteristics :

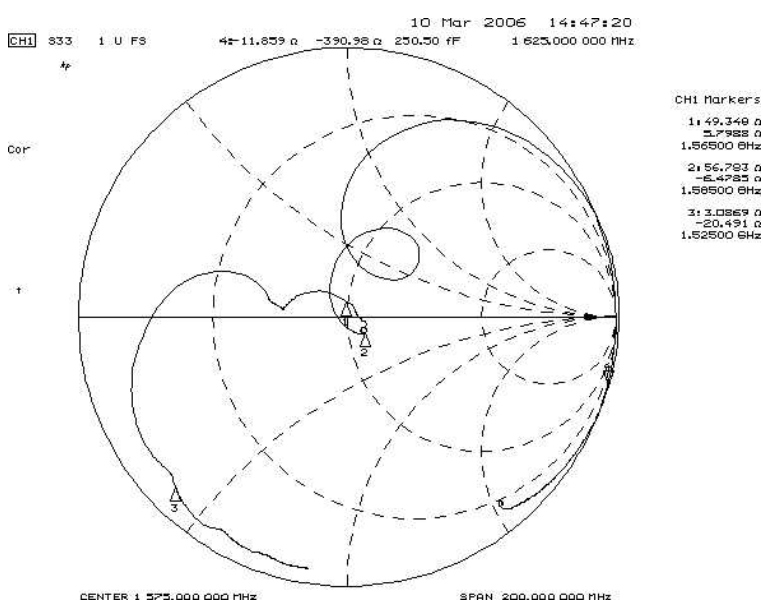
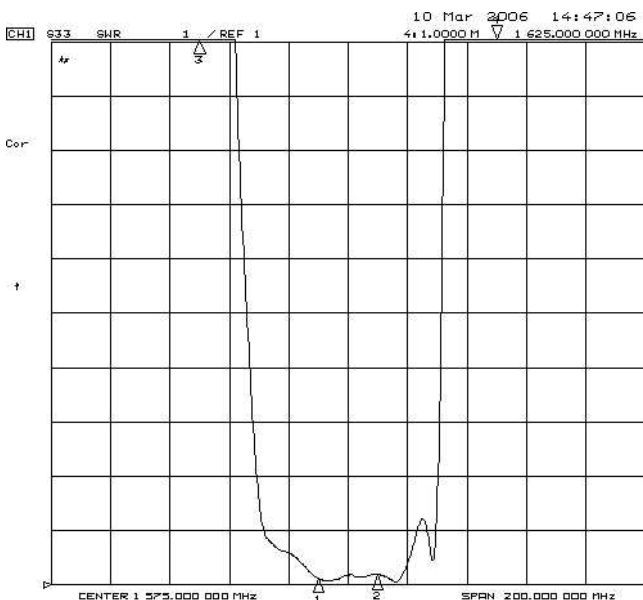


Reflections Functions :

S11 VSWR

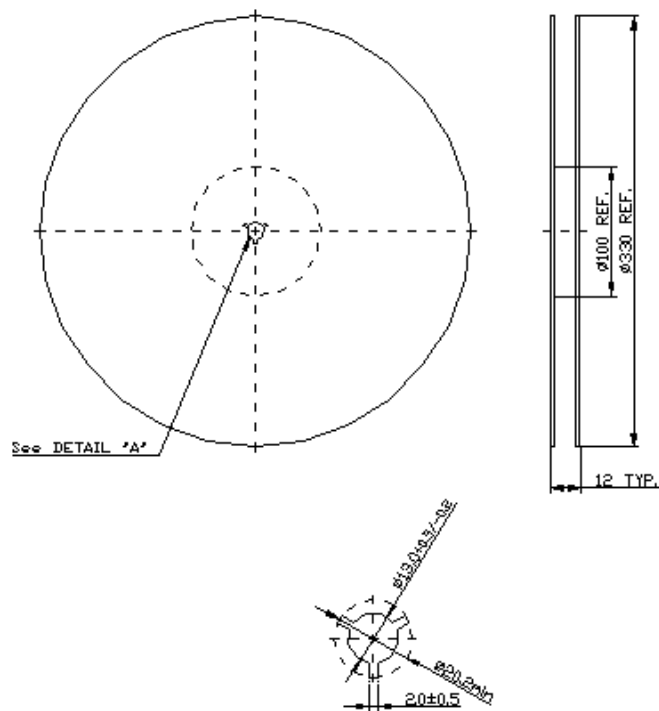


S22 VSWR

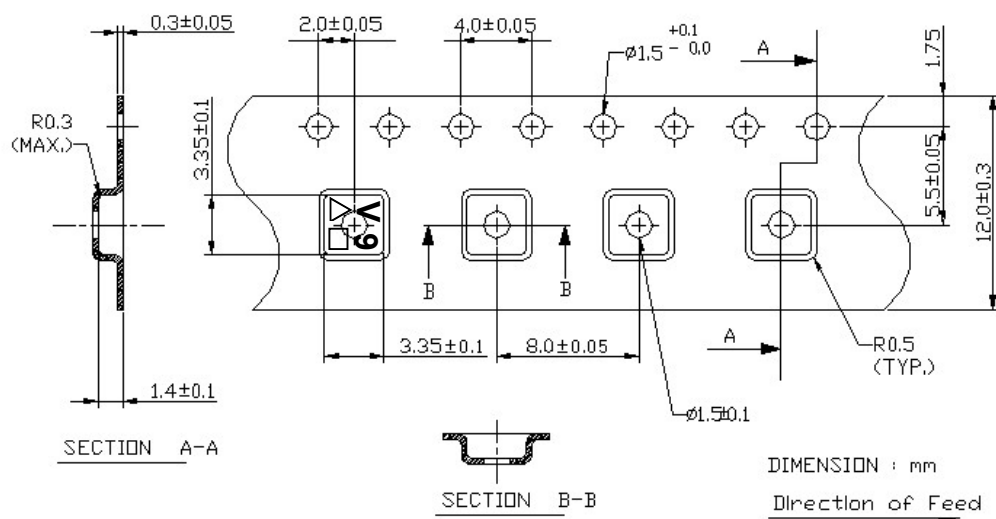


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

