



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: Oct , 21, 2008

Product Name: SAW Filter 1370 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0921A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approval by: _____ Francis Chen 

Date: _____ 10. 21, 2008



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SAW Filter 1370 MHz

MODEL NO.:TA0921A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +75°C
4. Storage Temperature: -40°C to +85°C

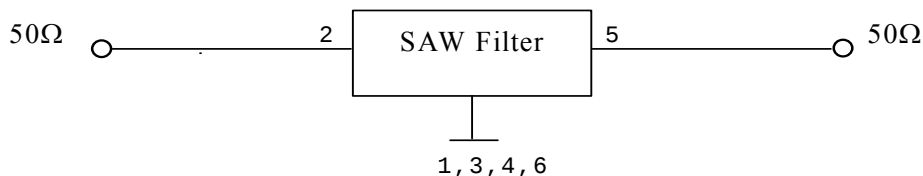
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

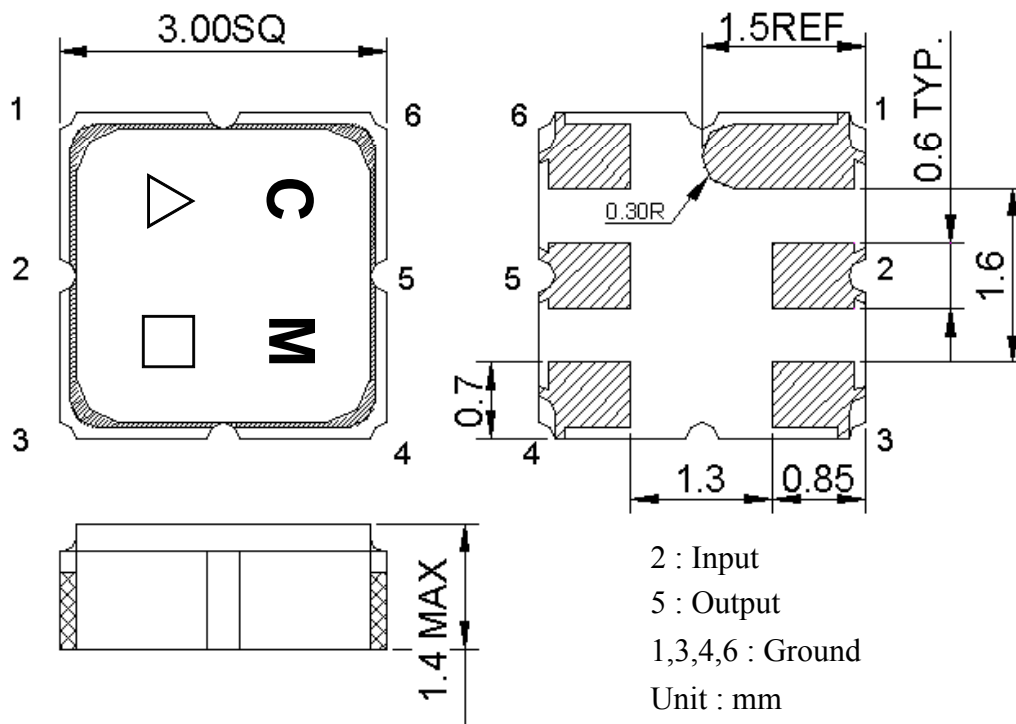
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1370	-	-
Insertion Loss (1350 ~ 1390 MHz) IL	dB	-	3.3	4.2	-
Amplitude Ripple (1350 ~ 1390 MHz)	dB	-	1.1	2.3	-
Return Loss (1350 ~ 1390 MHz)	dB	8	13	-	-
Attenuation (Reference level from 0 dB)					
D.C. ~ 1310 MHz	dB	30	52	-	-
1310 ~ 1320 MHz	dB	20	45	-	-
1420 ~ 1440 MHz	dB	13	28.5	-	-
1440 ~ 2800 MHz	dB	30	38	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



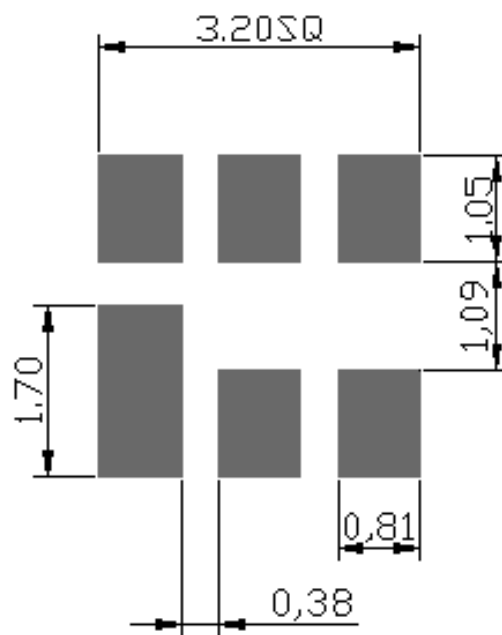
D.OUTLINE DRAWING:



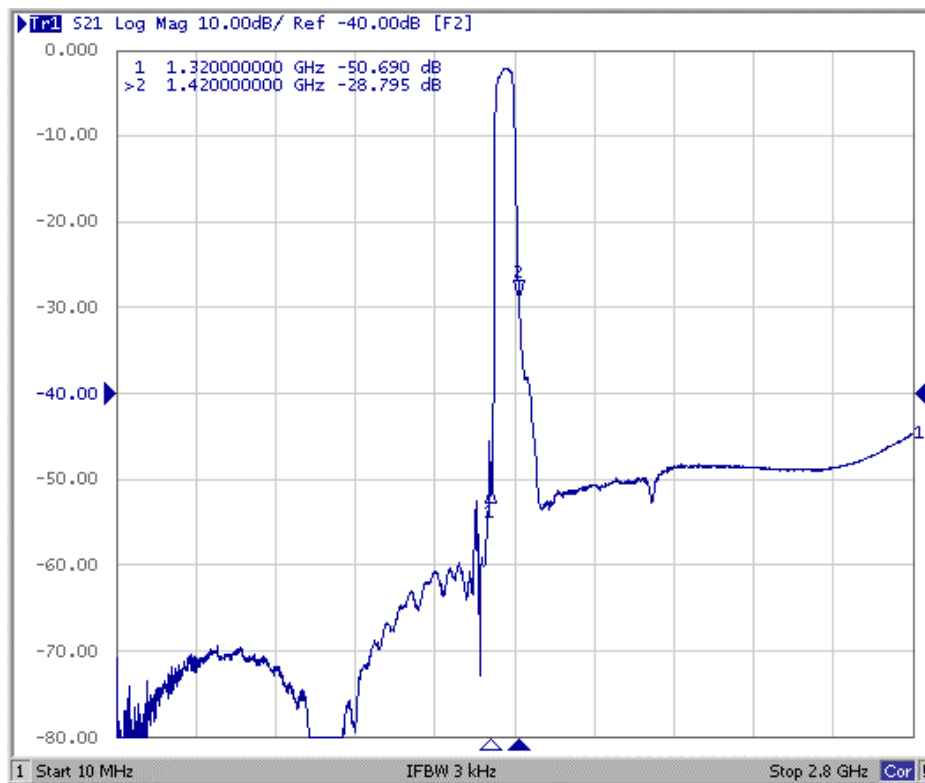
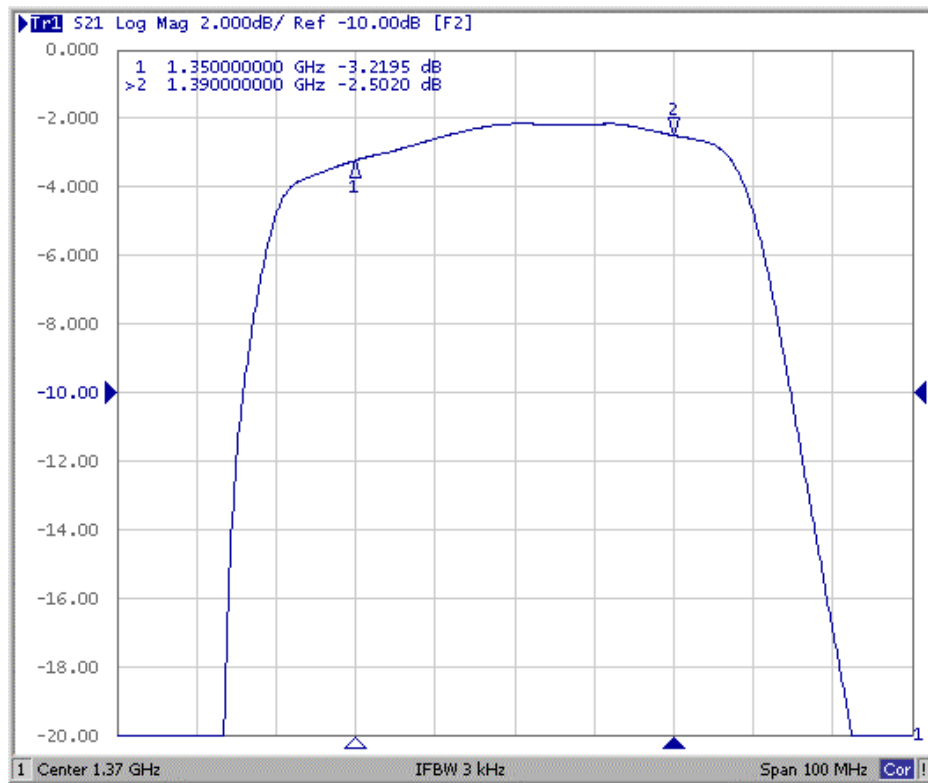
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

E. PCB Footprint:

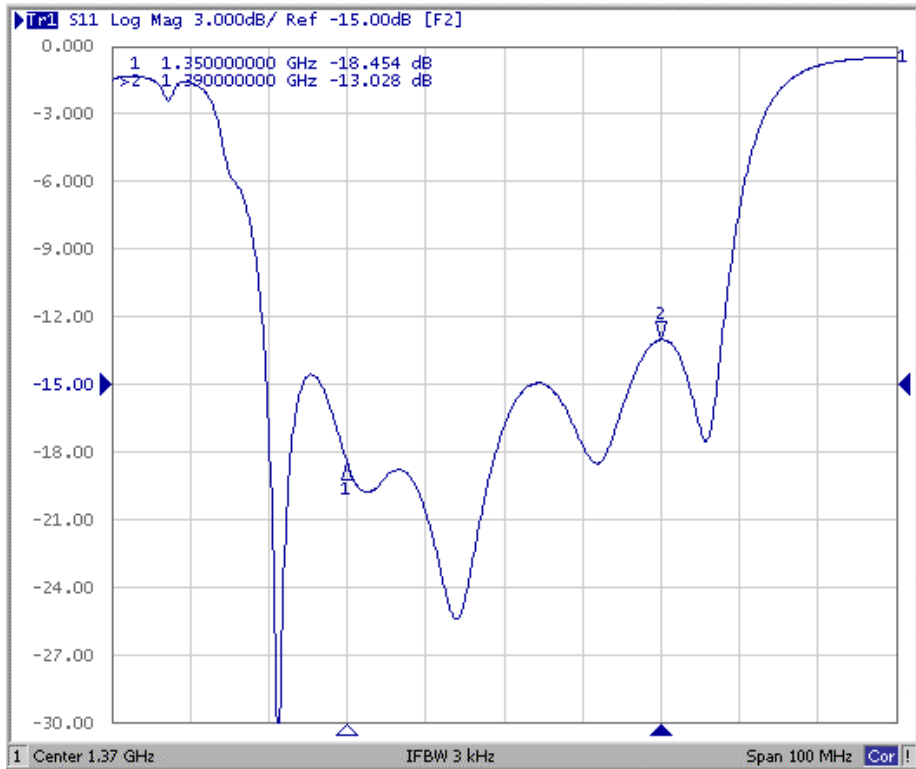


F. Frequency Characteristics :

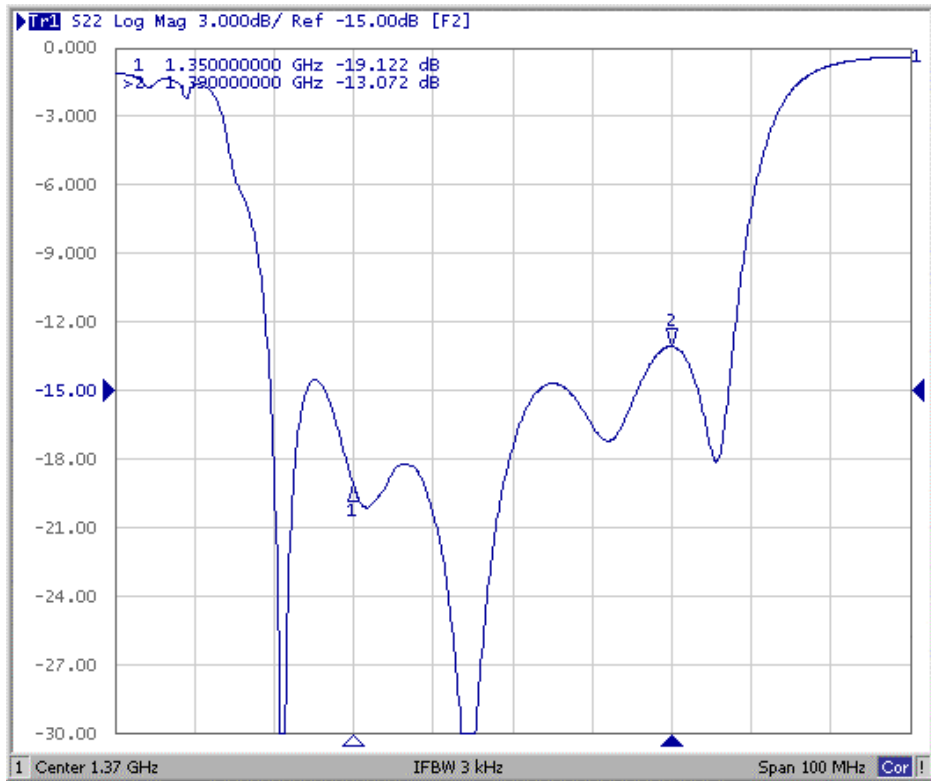


Reflection Functions :

S11



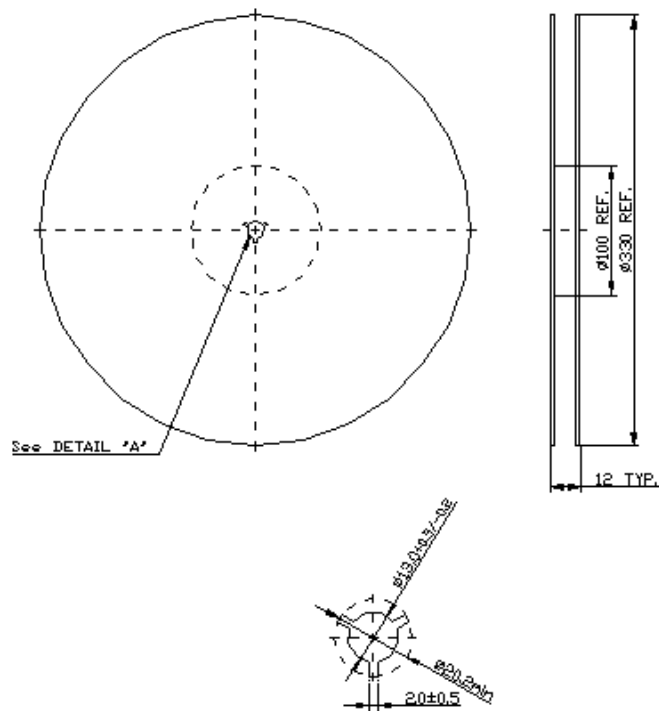
S22



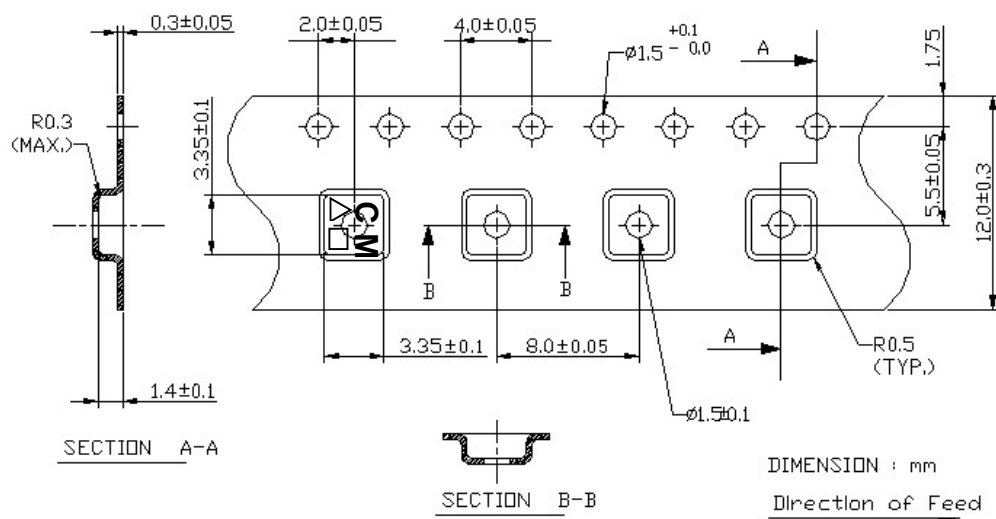
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

