



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

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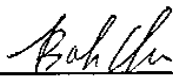
Product Specifications Approval Sheet

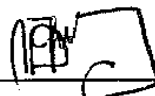
Product Description: SAW Filter 1882.5 MHz SMD 3.0X3.0 mm

TST Part No.: TA1074A

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 8, 25, 2009

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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SAW Filter 1882.5 MHz

MODEL NO.:TA1074A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: +12 dBm
2. DC Voltage : 3V
3. Operating Temperature: -25°C to +85°C
4. Storage Temperature: -40°C to +85°C

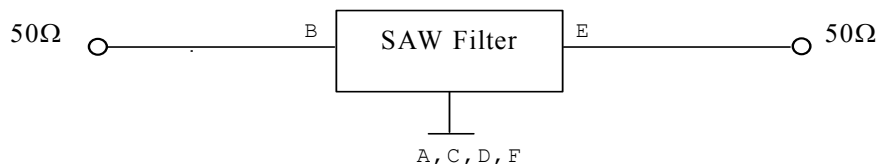
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

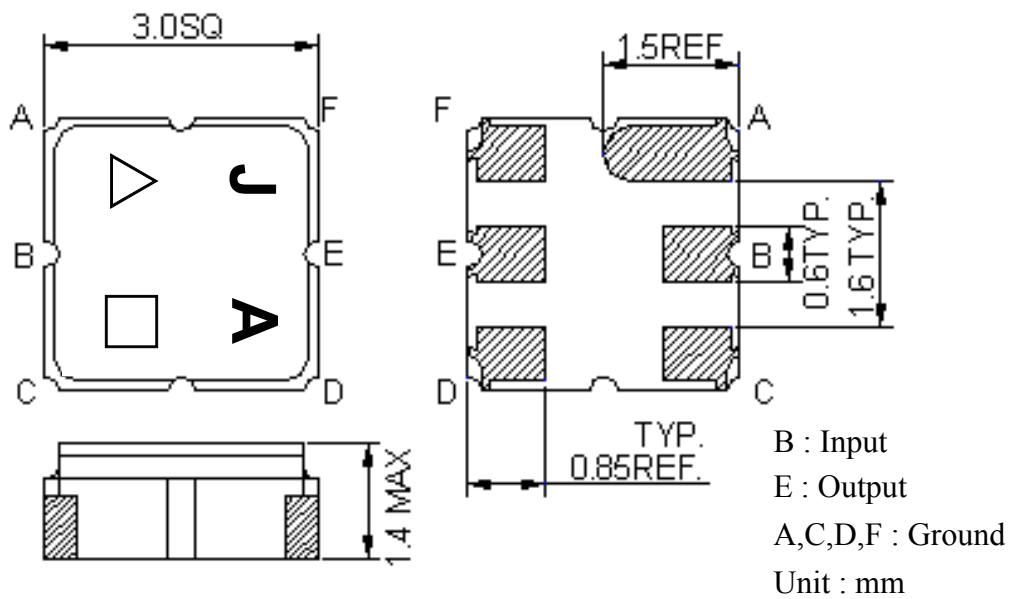
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1882.5	-	-
Insertion Loss (1850~1915 MHz) IL	dB	-	2.6	3.5	-
Amplitude Ripple (1850~1915 MHz)	dB	-	1.5	2.2	-
Return Loss (1850~1915 MHz)	dB	8.5	10	-	-
Attenuation (Reference level from 0 dB)					
800 ~ 1400 MHz	dB	24	30	-	-
1400 ~ 1475 MHz	dB	25	31	-	-
1930 ~ 1940 MHz	dB	5	10.5	-	-
1940 ~ 3000 MHz	dB	20	35	-	-
Temperature coefficient of frequency TCf		-36 ppm/K			

C. MEASUREMENT CIRCUIT:

HP Network analyzer



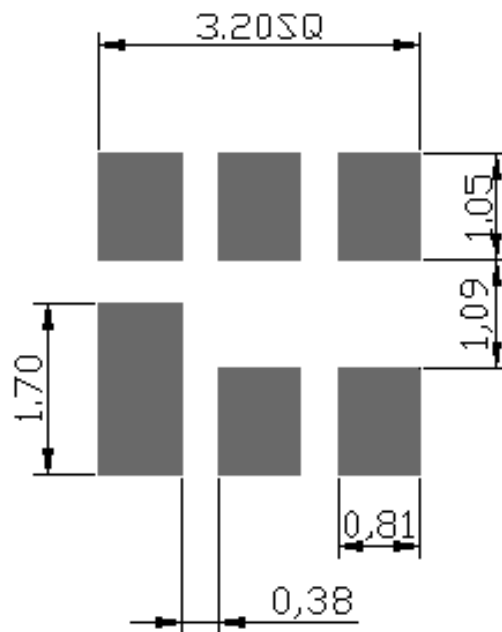
D.OUTLINE DRAWING:



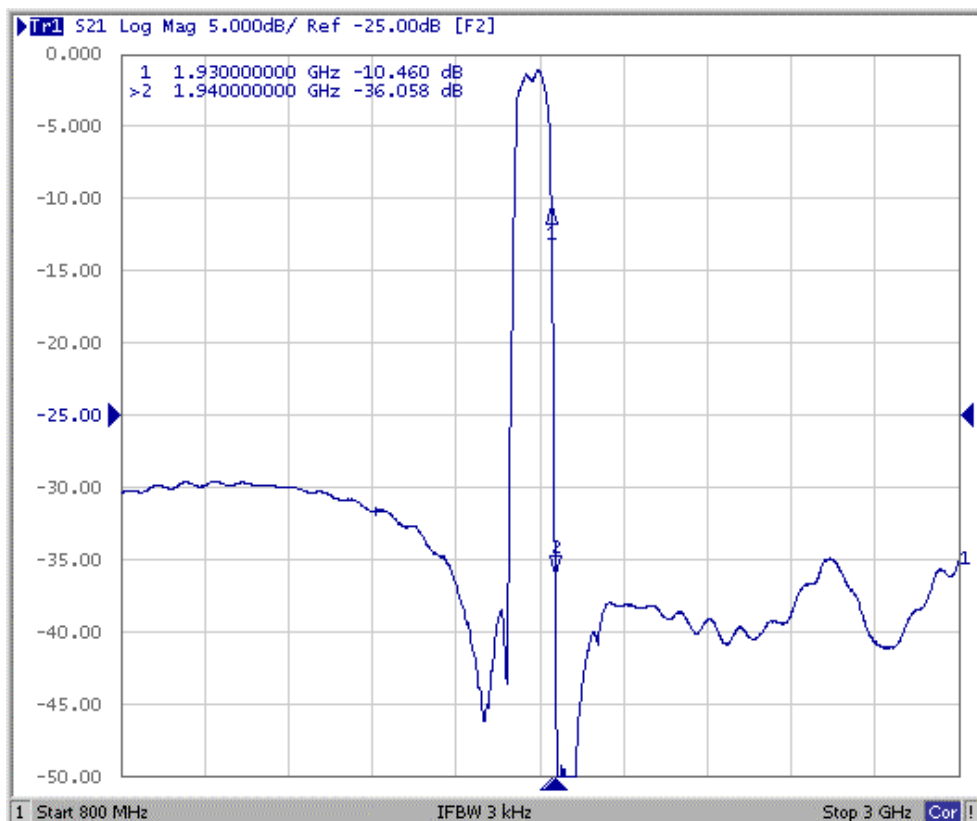
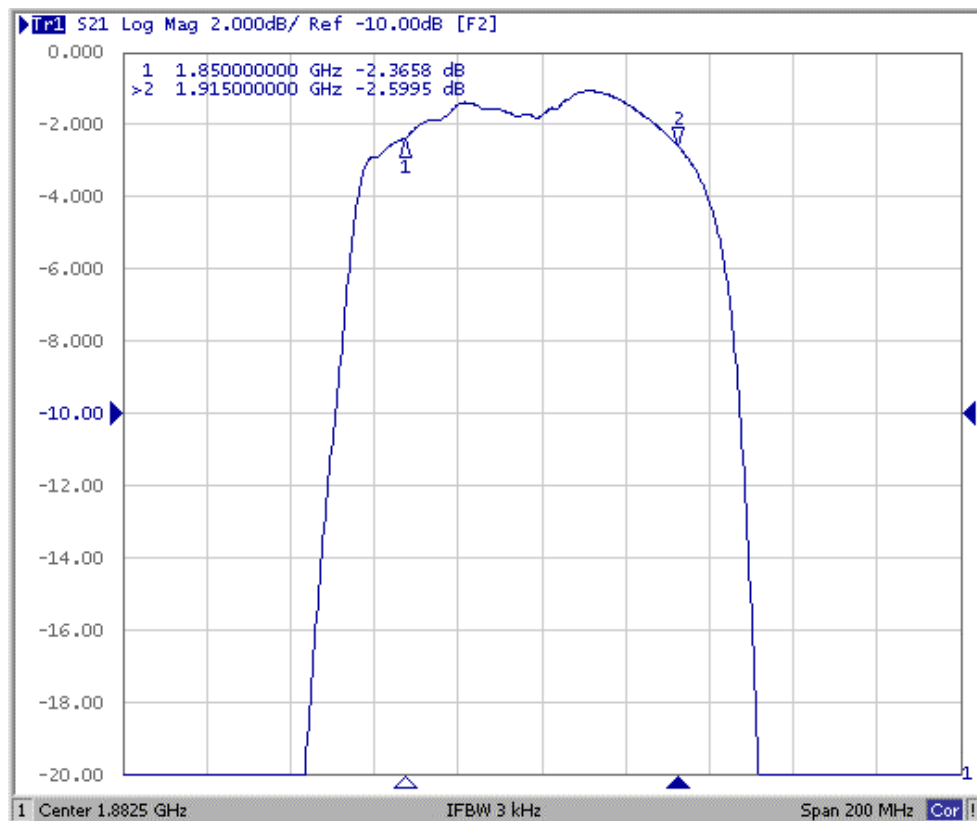
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

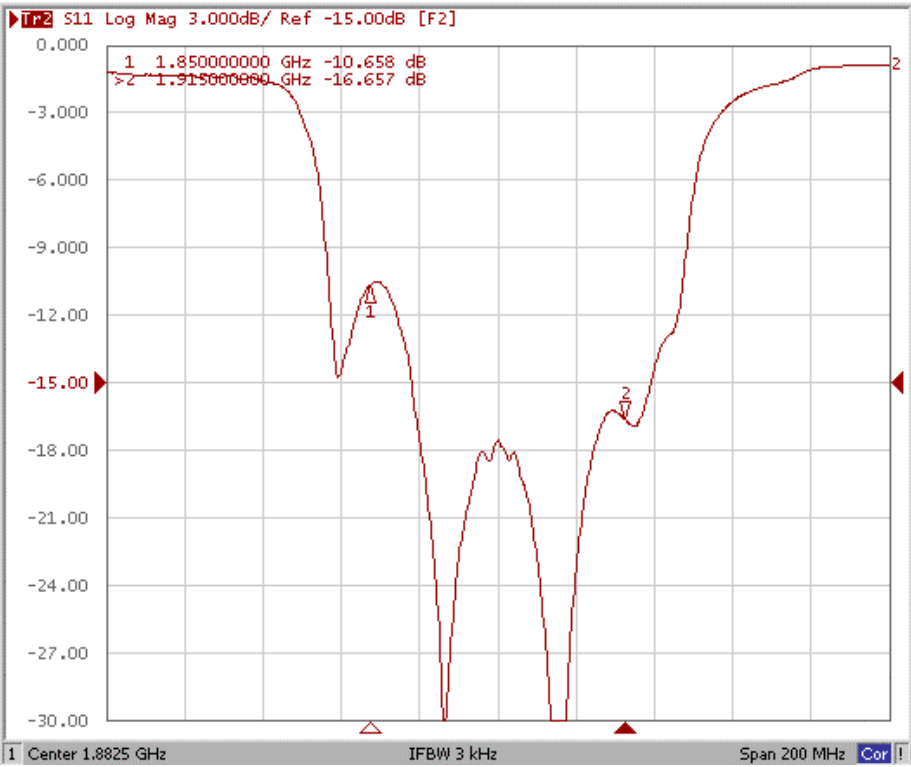


F. Frequency Characteristics :

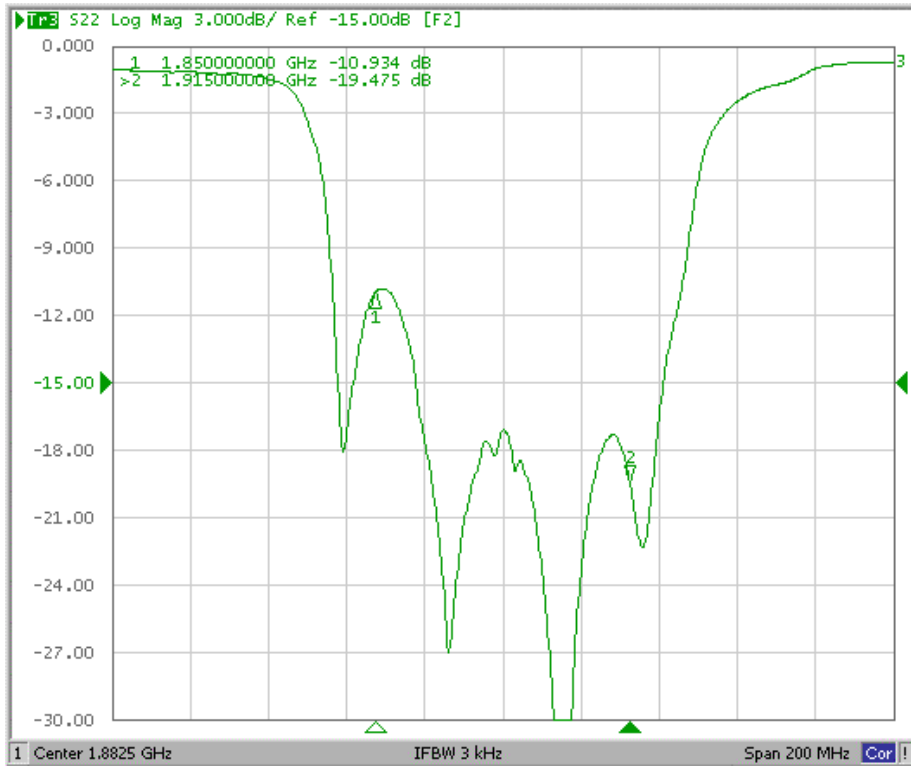


Reflection Functions :

S11



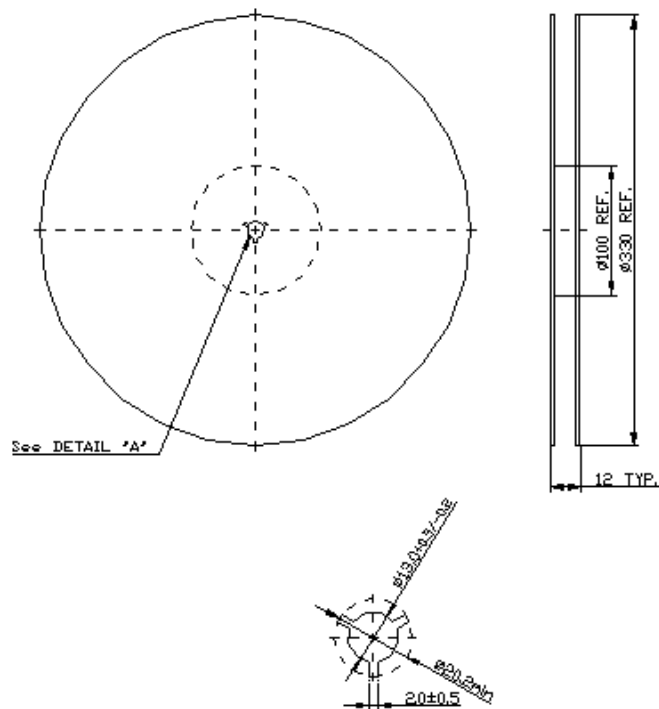
S22



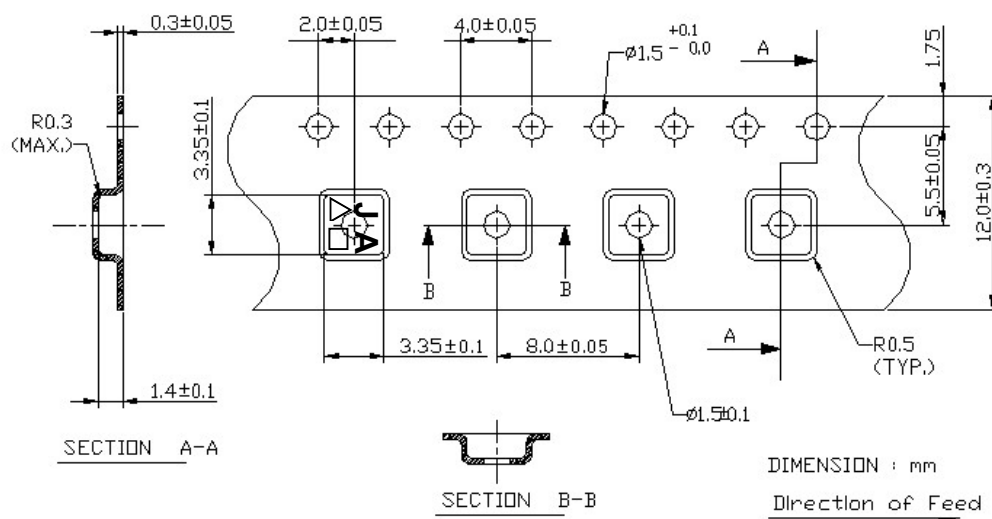
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

