



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Product Specifications Approval Sheet

Product Description: SAW Filter 2350 MHz SMD 3.0X3.0 mm (BW=100MHz)

TST Part No.: TA0913B

Customer Part No.: _____

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

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 4, 12, 2011

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 2350 MHz

MODEL NO.:TA0913B

REV. NO.:1

A. MAXIMUM RATING:

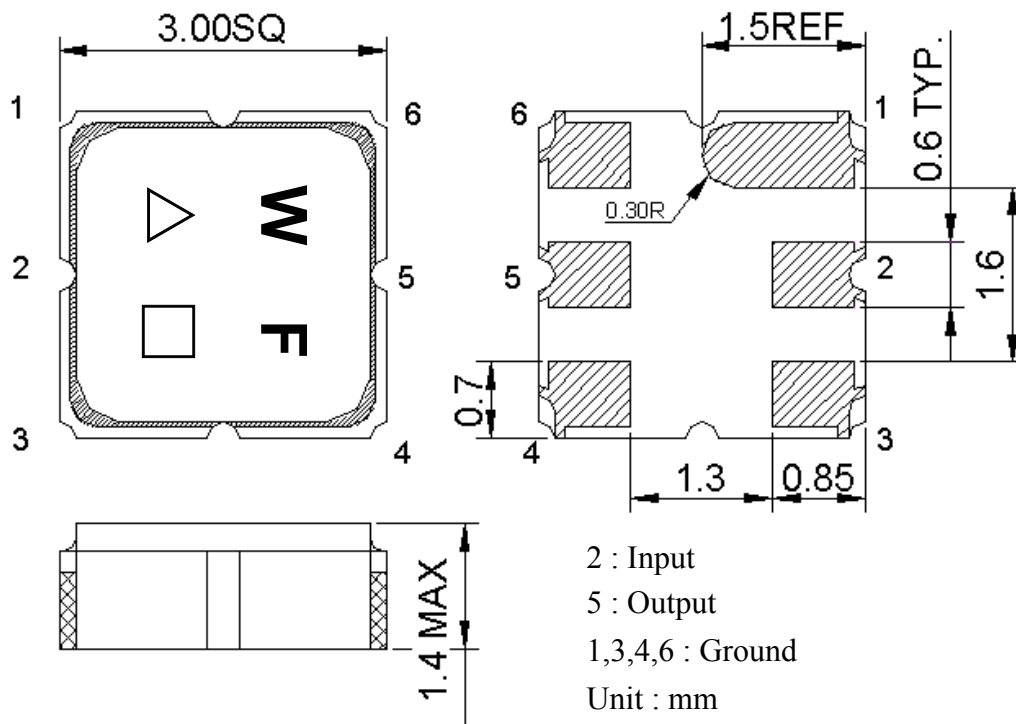
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -30°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	2350	-	-
Insertion Loss (2300 ~ 2400 MHz) IL	dB	-	3	4	-
Amplitude Ripple (2300 ~ 2400 MHz)	dB	-	1.5	3.1	-
VSWR (2300 ~ 2400 MHz)		-	2.2	2.5	-
Attenuation (Reference level from 0 dB)					
DC ~ 2050 MHz	dB	23	28	-	-
2050 ~ 2170 MHz	dB	30	32	-	-
2170 ~ 2250 MHz	dB	24	40	-	-
2433 ~ 2438 MHz	dB	12	30	-	-
2438 ~ 2443 MHz	dB	21	40	-	-
2443 ~ 2485 MHz	dB	35	55	-	-
2485 ~ 2550 MHz	dB	18	38	-	-
2550 ~ 4000 MHz	dB	27	31	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

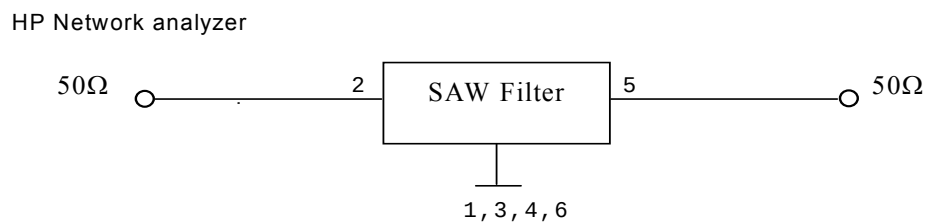
C.OUTLINE DRAWING:



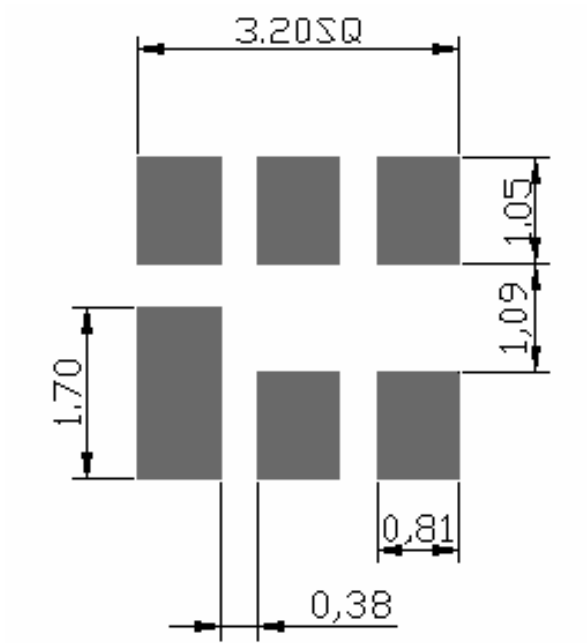
△ : Year Code (2009->9, 2010->0,..., 2018->8)

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

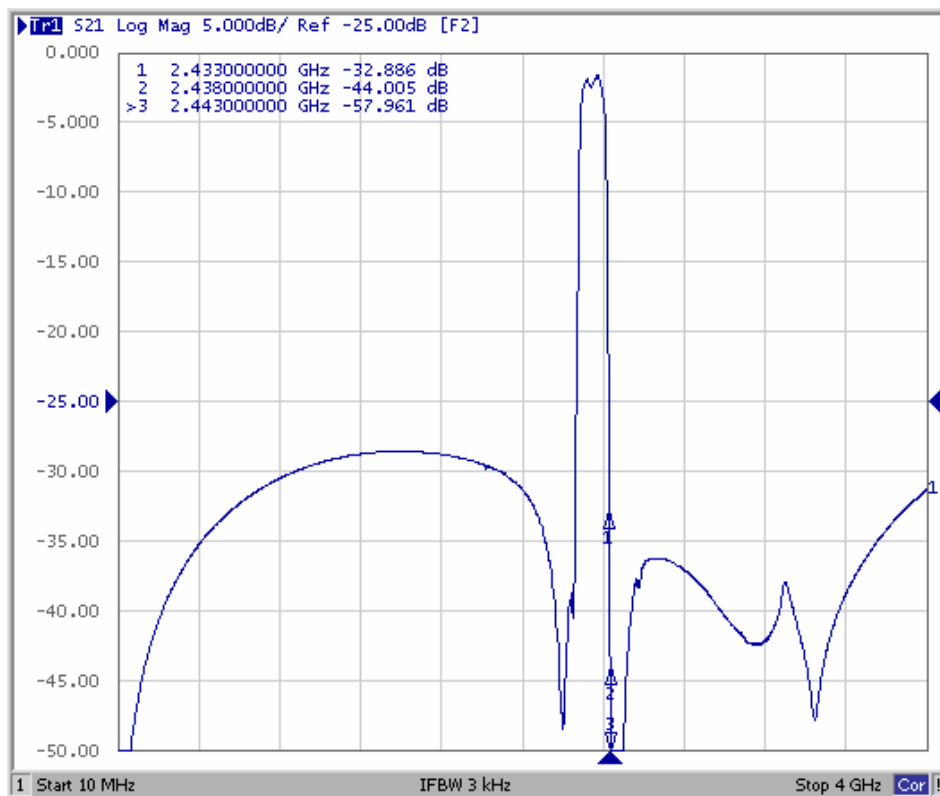
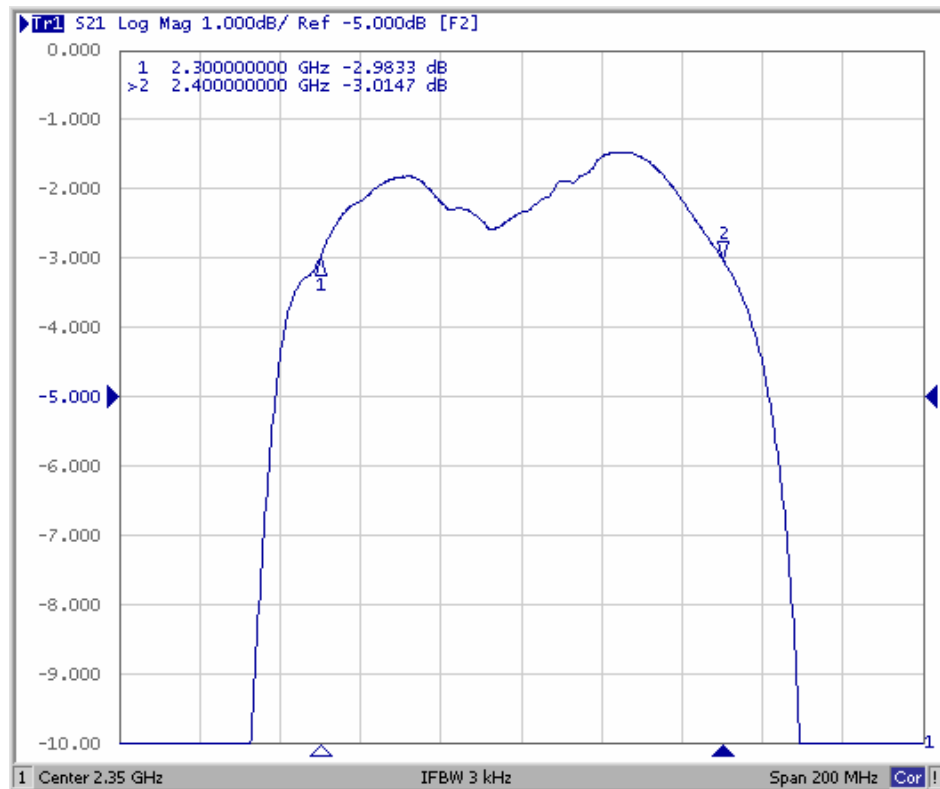
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:

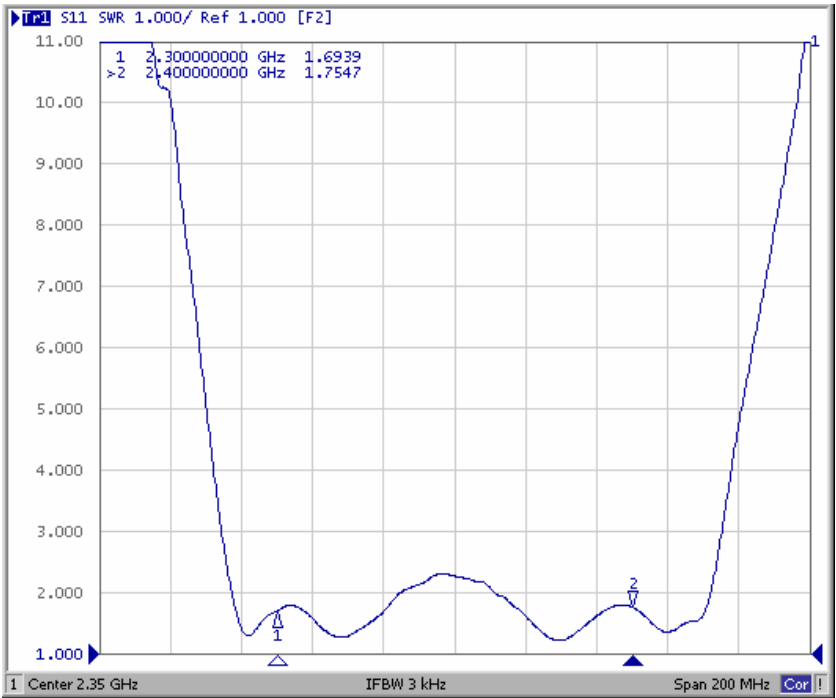


F. Frequency Characteristics :

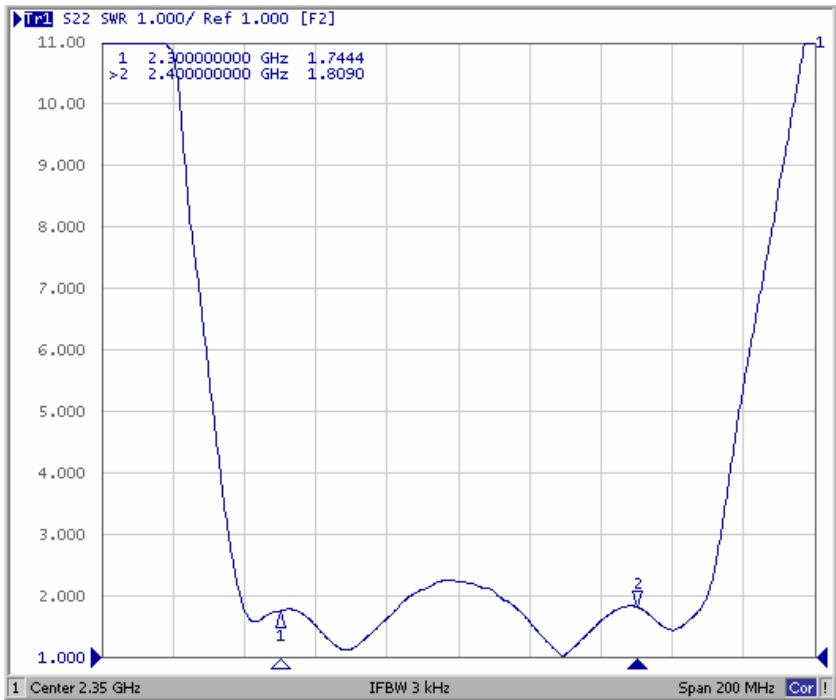


Reflection Functions :

S11



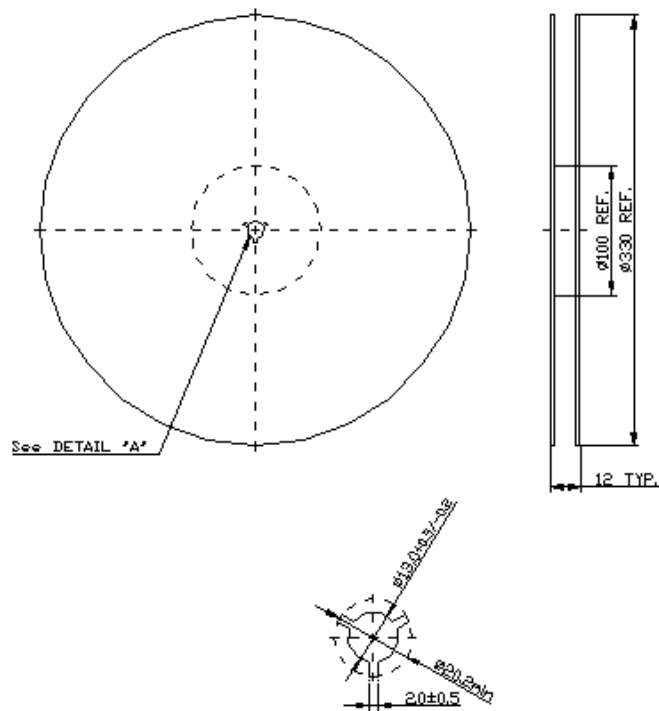
S22



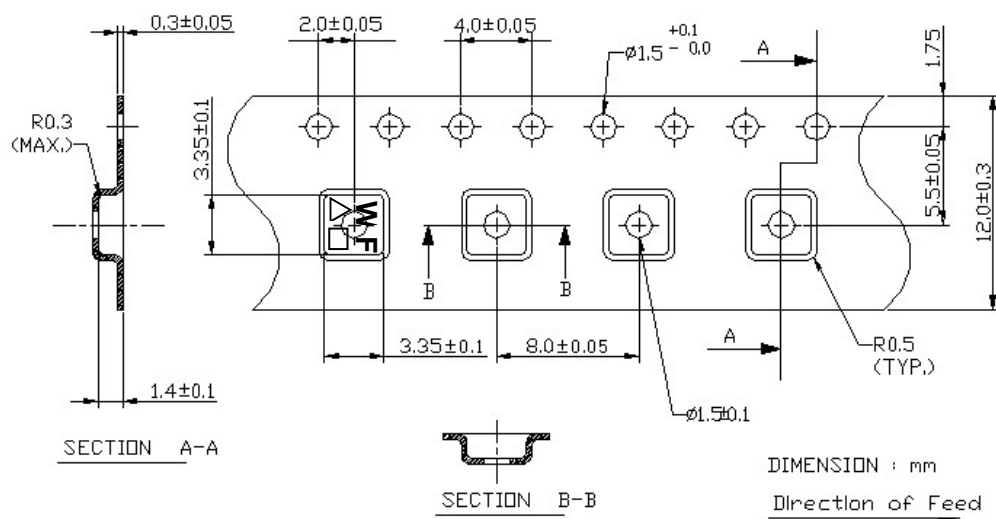
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

