



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 915 MHz SMD 3.0X3.0 mm

TST Part No.: TA0829B

Customer Part No.: _____

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

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 6, 7, 2010

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 915MHz

MODEL NO.:TA0829B

REV. NO.:1

A. MAXIMUM RATING:

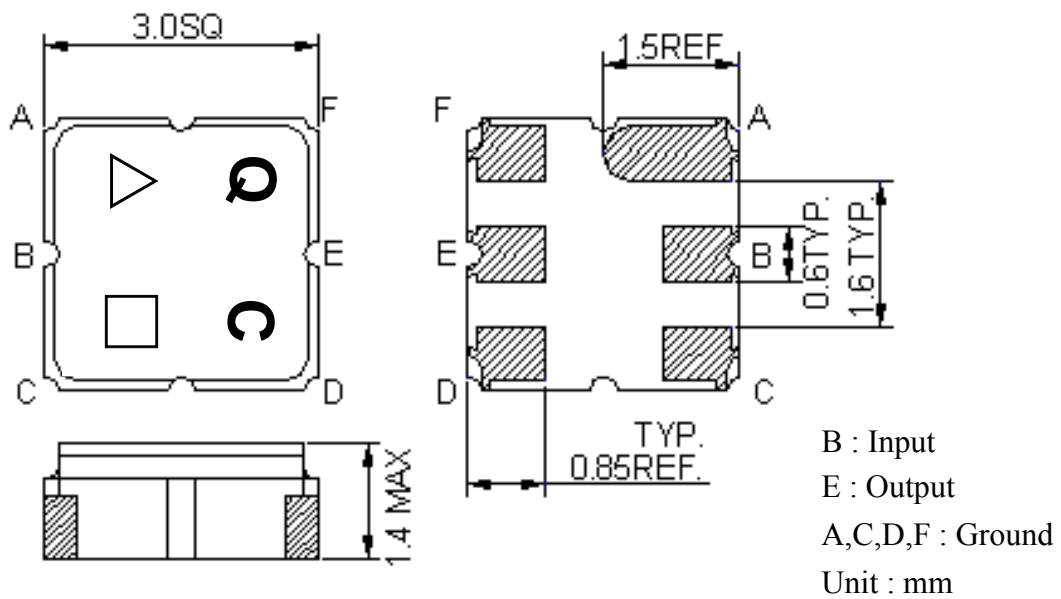
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: 0°C to +40°C
4. Storage Temperature: -30°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	915	-	-
Insertion Loss (909 ~ 921 MHz) IL	dB	-	3.1	4	-
Insertion Loss (908 ~ 922 MHz) IL	dB	-	3.3	4.5	-
Amplitude Ripple (909 ~ 921 MHz)	dB	-	0.8	2	-
Amplitude Ripple (908 ~ 922 MHz)	dB	-	1.1	2.2	-
Attenuation (Reference level from 0 dB)					
D.C ~ 880 MHz	dB	45	50	-	-
880 ~ 890 MHz	dB	40	52	-	-
940 ~ 950 MHz	dB	35	40	-	-
950 ~ 1200 MHz	dB	43	48	-	-
1200 ~ 1600 MHz	dB	40	48	-	-
1600 ~ 2200 MHz	dB	30	43	-	-
2200 ~ 2500 MHz	dB	25	35	-	-
2500 ~ 3000 MHz	dB	20	27	-	-

C.OUTLINE DRAWING:

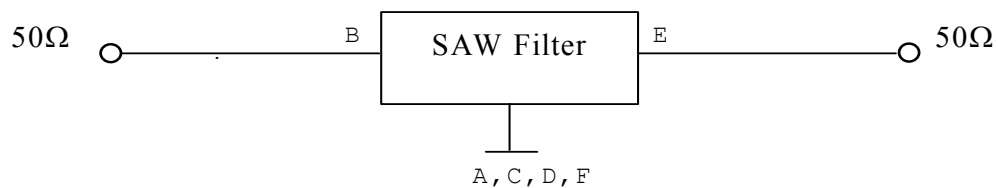


△ : Year Code (2009->9, 2010->0,..., 2018->8)

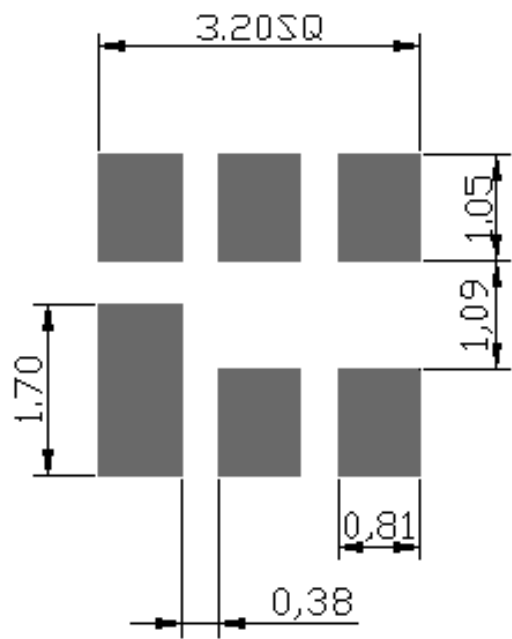
□ : Date Code (W01->A, W02->B,...,W27->a,...,W52->z)

D. MEASUREMENT CIRCUIT:

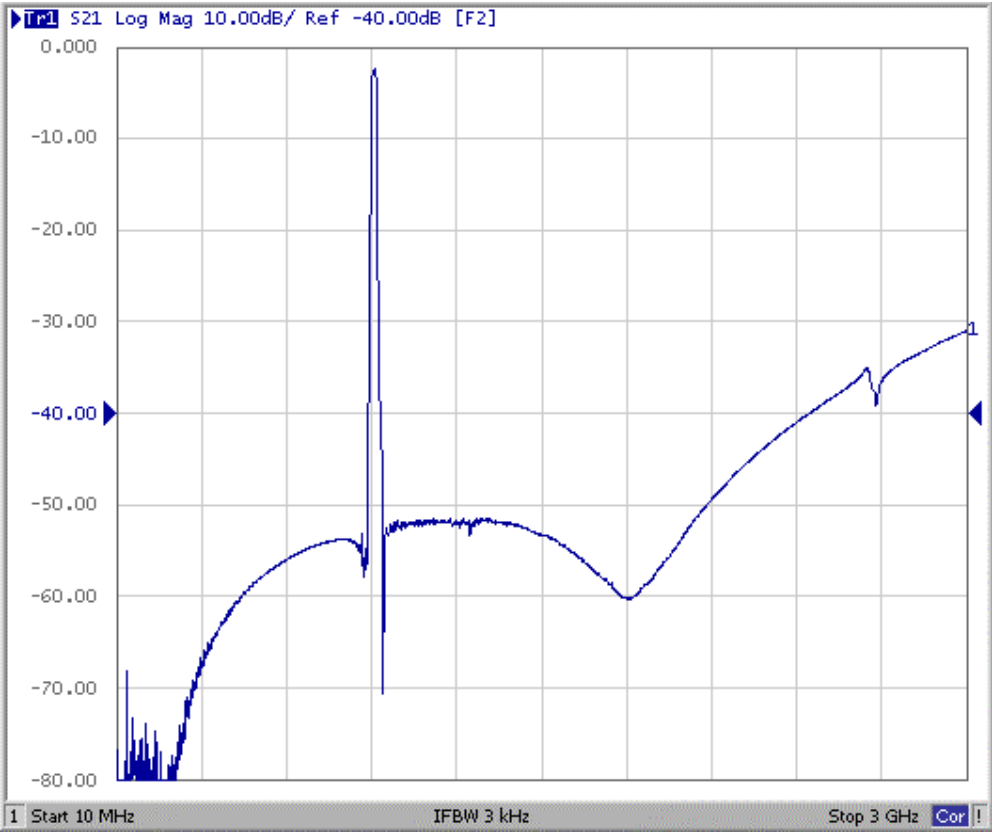
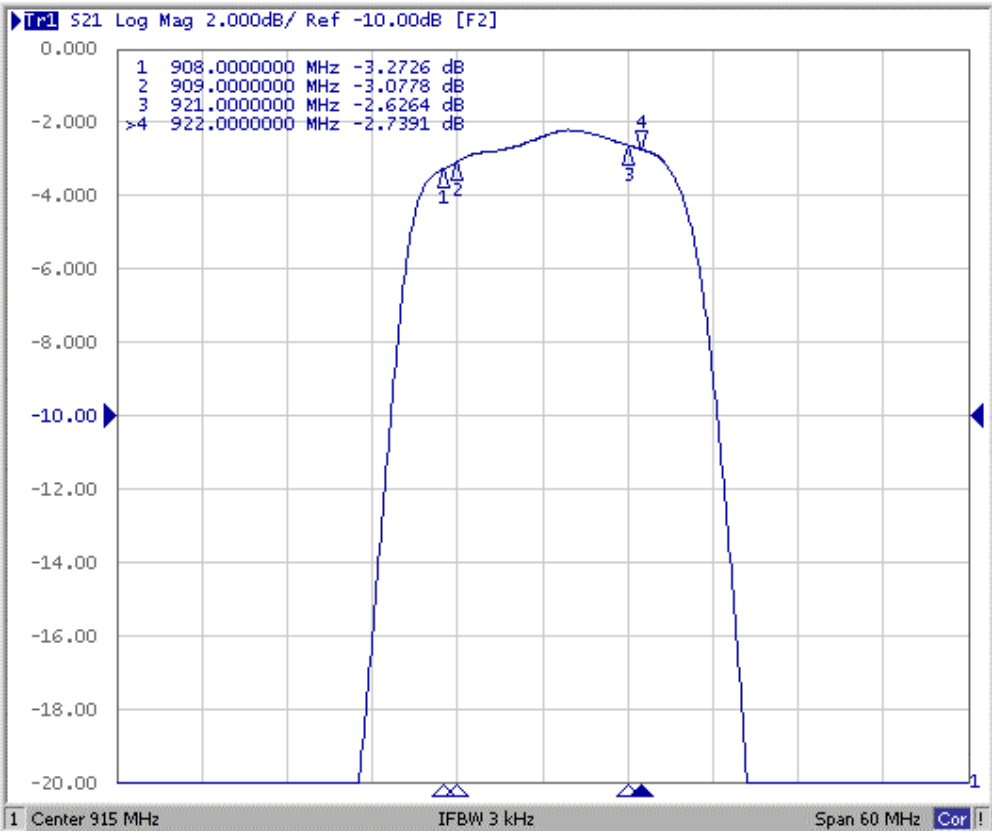
HP Network analyzer



E. PCB Footprint:

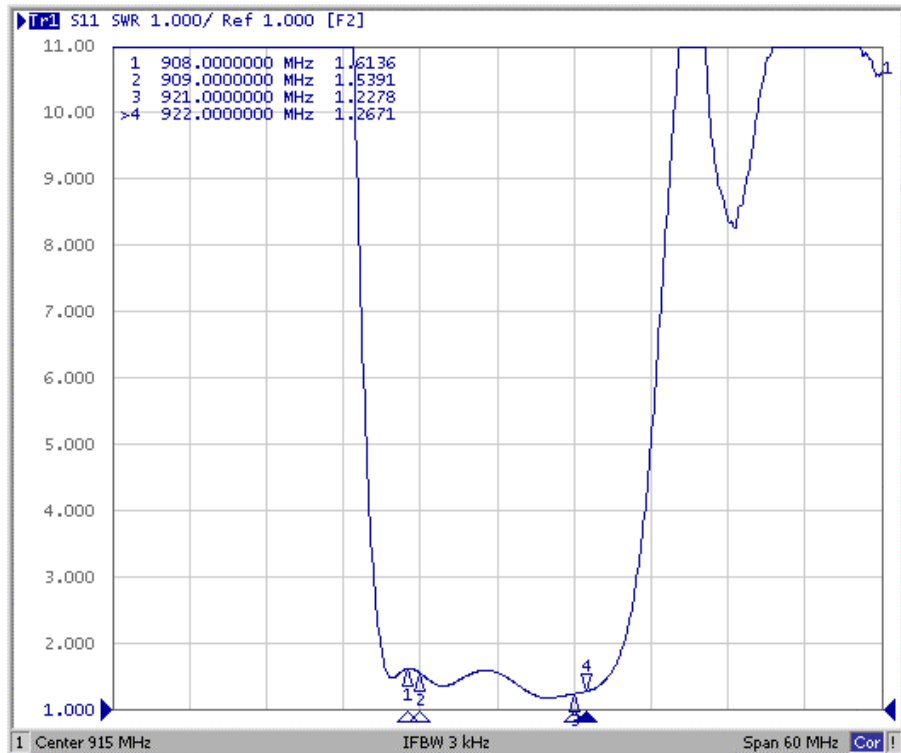


F. Frequency Characteristics :

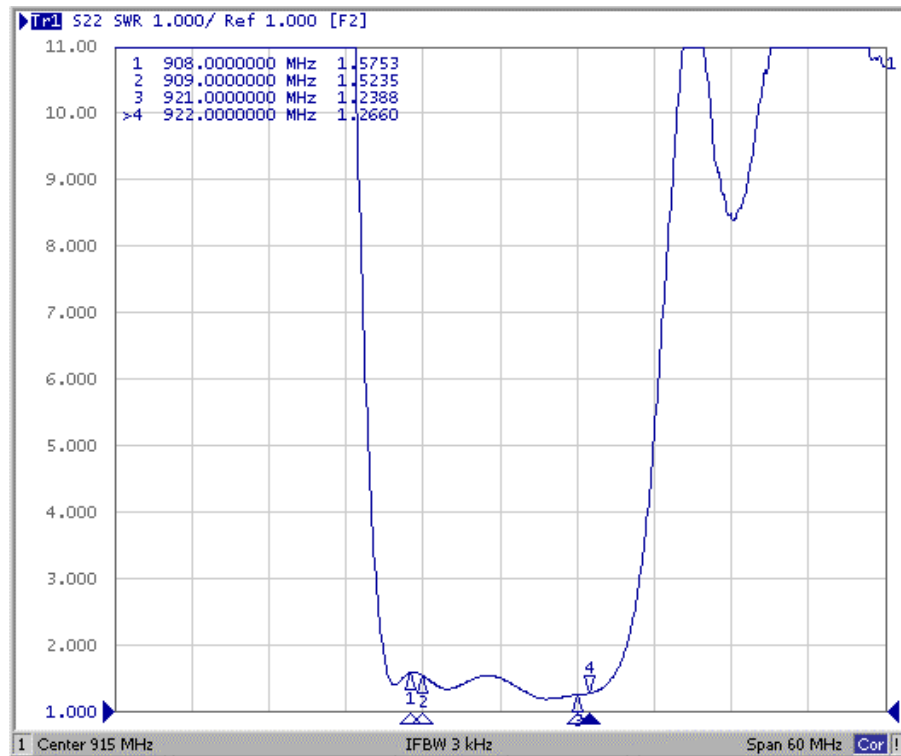


Reflection Functions :

S11



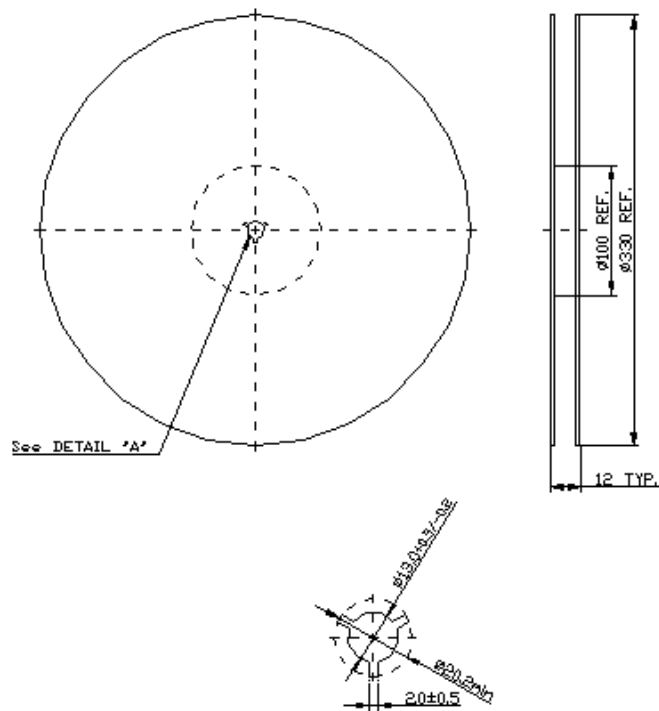
S22



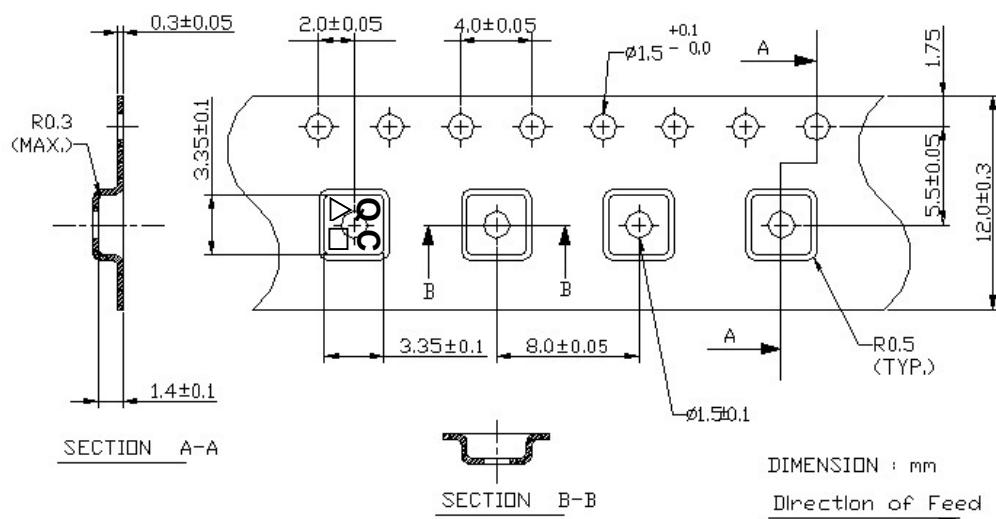
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

