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
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Product Specifications Approval Sheet

Product Description: SAW Filter 921 MHz SMD 2.5X2.0 mm (BW=15MHz)

TST Part No.: TA1292A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Bob Chau _____

Approved by:_____ Francis Chen _____

Date:_____ 1, 4, 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 921 MHz

MODEL NO.:TA1292A REV. NO.:1

A. MAXIMUM RATING:

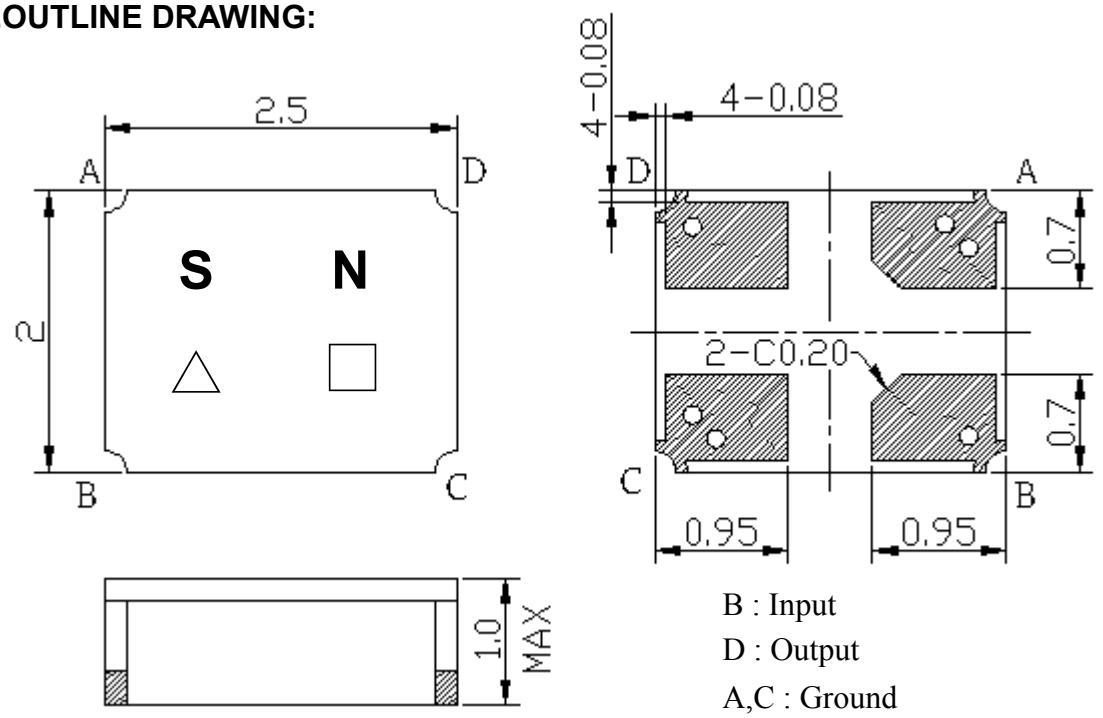
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -40°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency **Fc**	MHz	-	921	-	-
Insertion Loss (913.5~928.5 MHz) **IL**	dB	-	2.1	3.5	-
Amplitude Ripple (913.5~928.5 MHz)	dB	-	0.3	2	-
VSWR (913.5~928.5 MHz)		-	1.8	2.5	-
Attenuation (Reference level from 0 dB)					
D.C ~ 866.5 MHz	dB	35	50	-	-
866.5 ~ 885.5 MHz	dB	20	45	-	-
956.5 ~ 975.5 MHz	dB	20	30	-	-
975.5 ~ 1200 MHz	dB	35	48	-	-
1200 ~ 2000 MHz	dB	20	50	-	-
Temperature Coefficient of Frequency	ppm/℃	-	-36	-	-

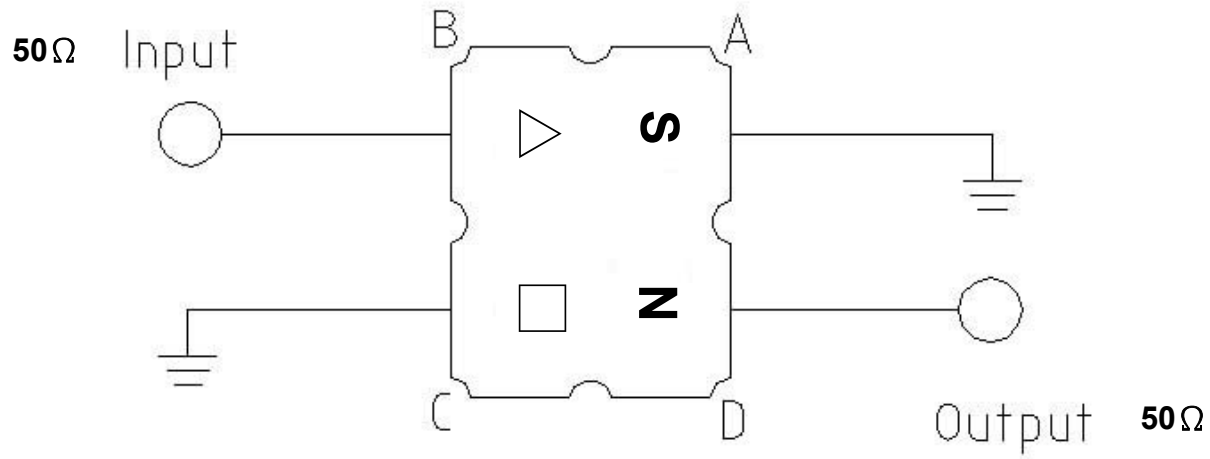
C.OUTLINE DRAWING:



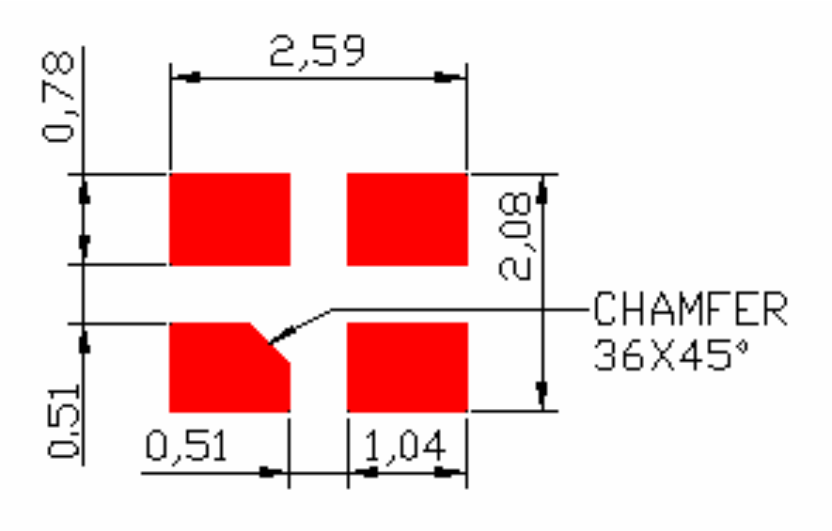
B : Input
D : Output
A,C : Ground
Unit : mm

△ : Year Code (2009->9, 2010->0,…, 2018->8)
□ : Date Code (W01->A,W02->B,…W27->a,…,W52->z)

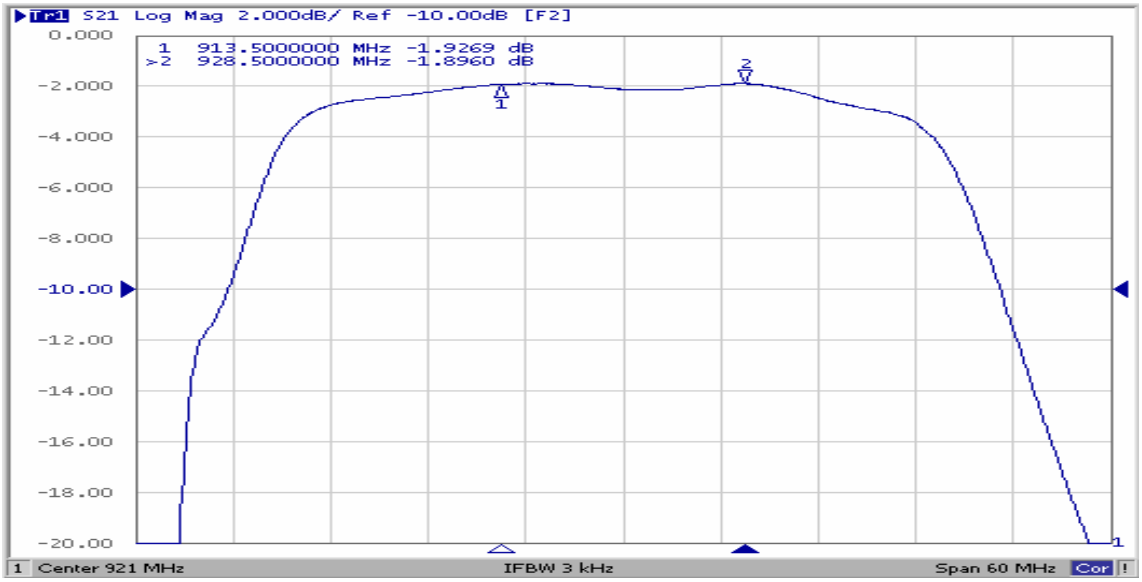
D. MEASUREMENT CIRCUIT:

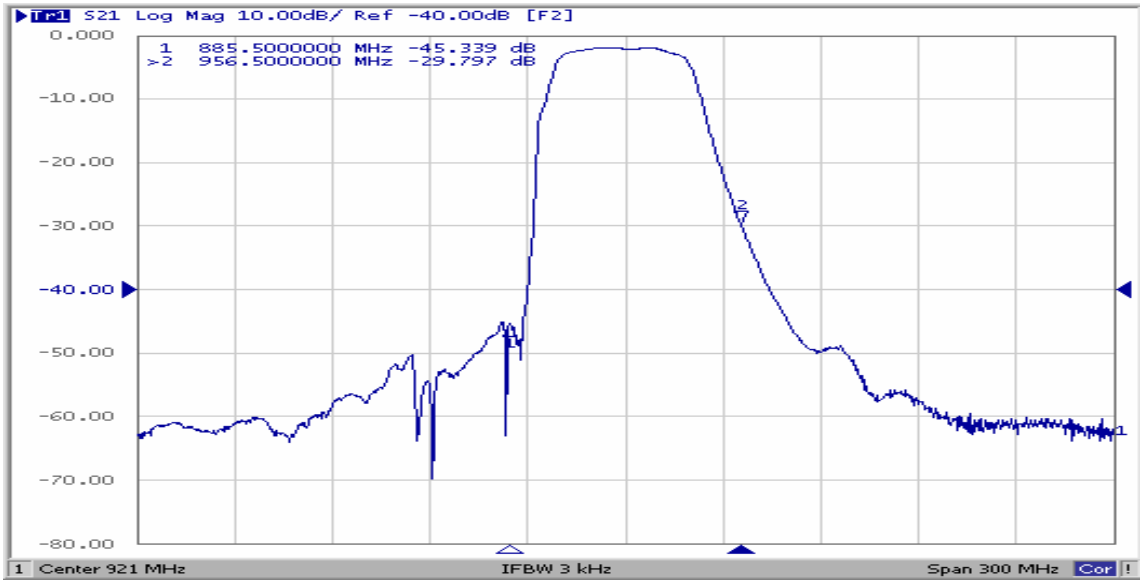


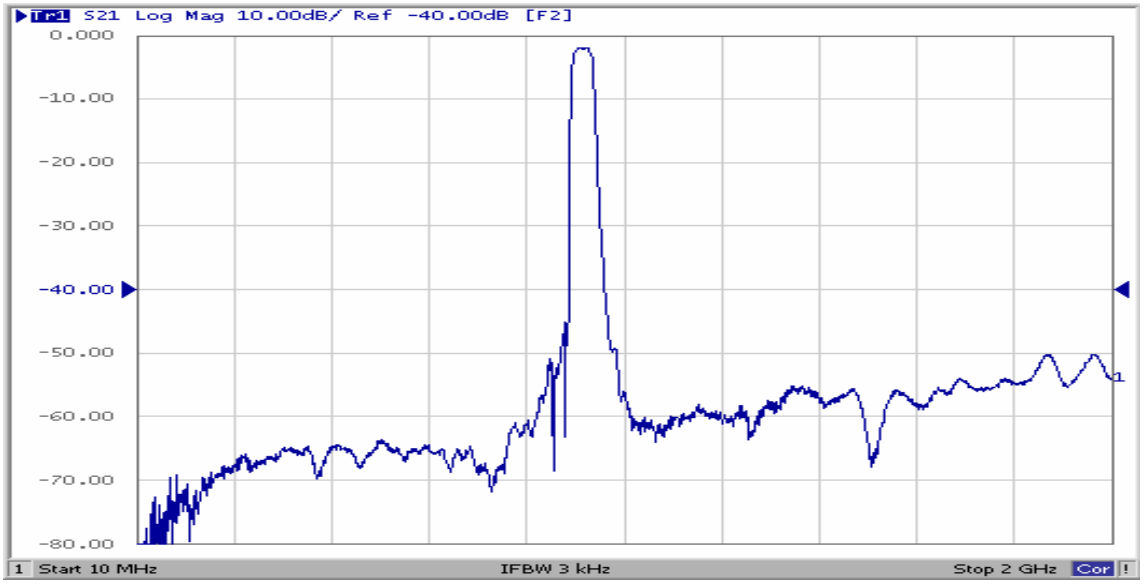
E. PCB Footprint:



F. Frequency Characteristics :

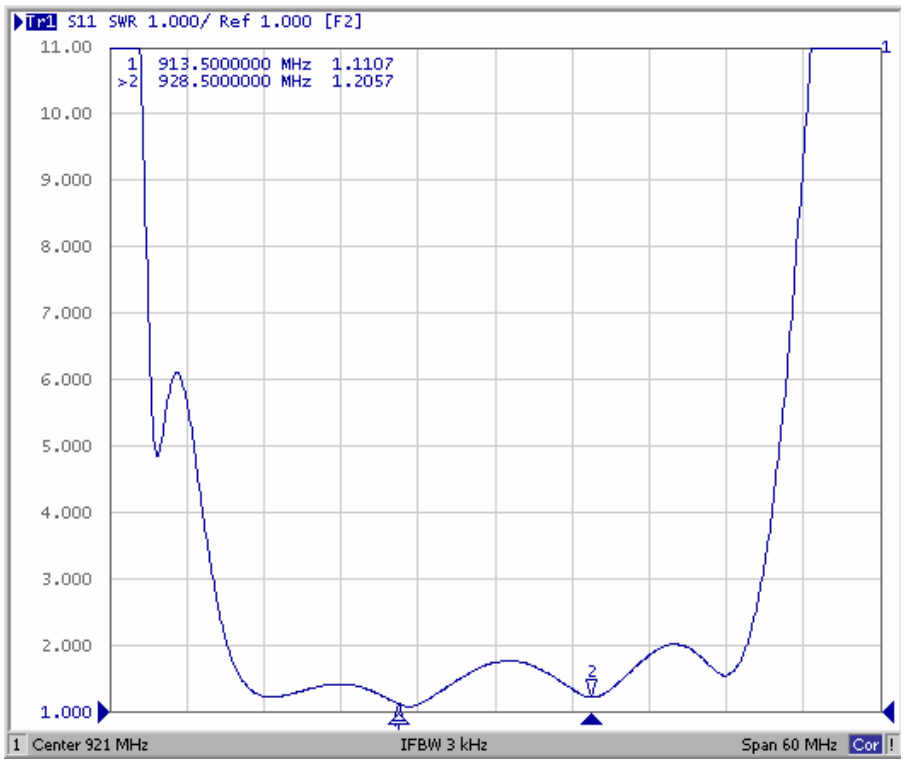




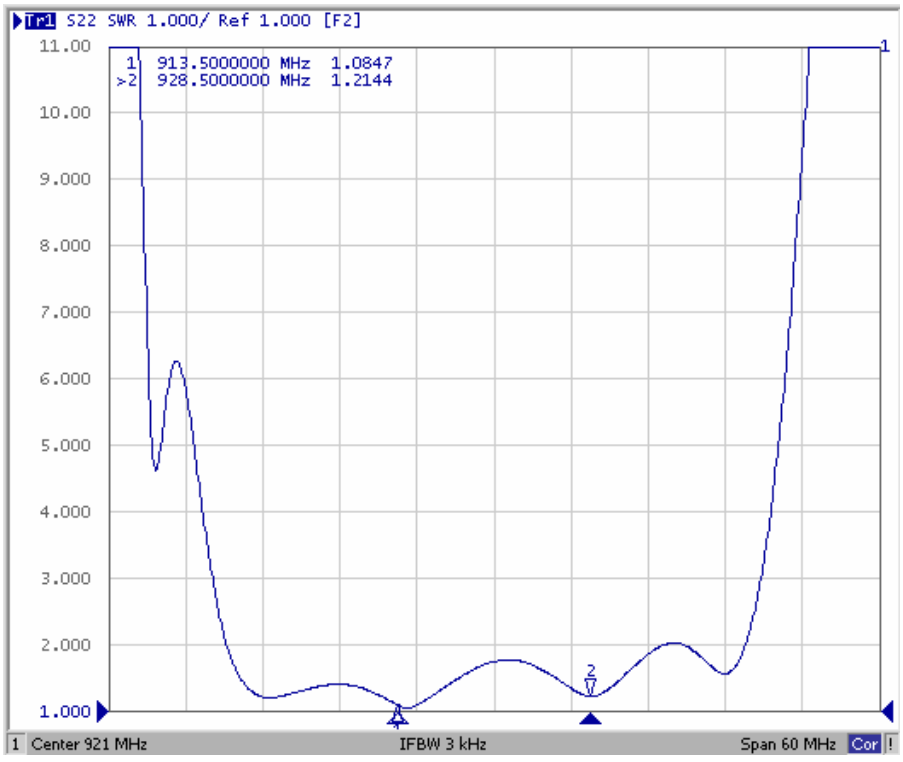


Reflection Functions :

S11

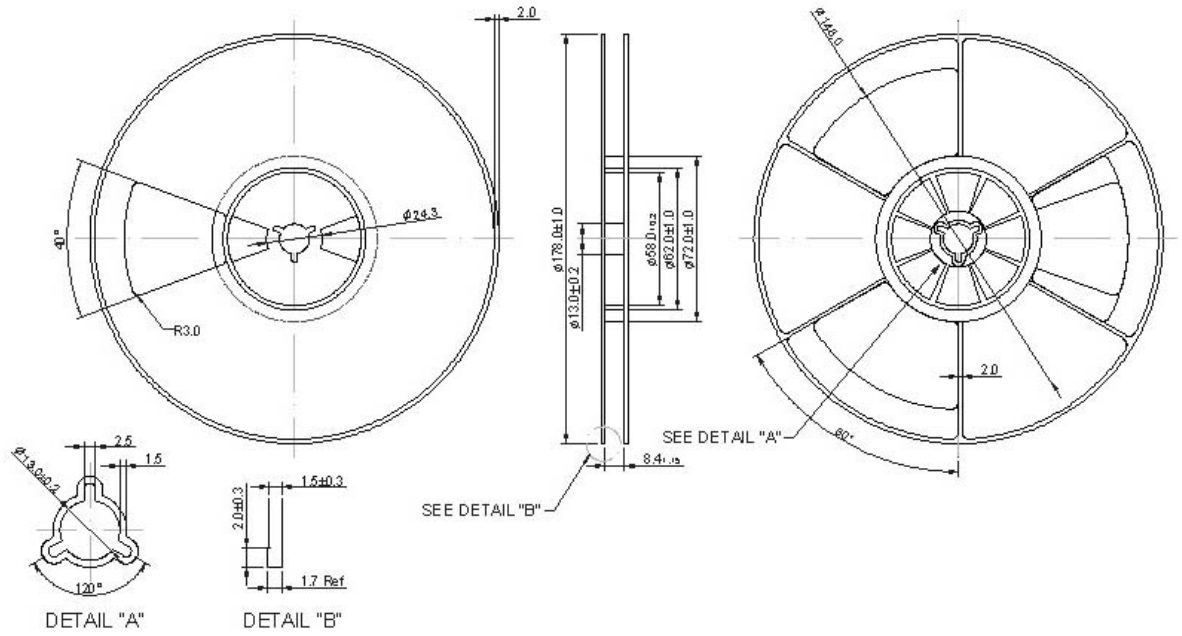


S22

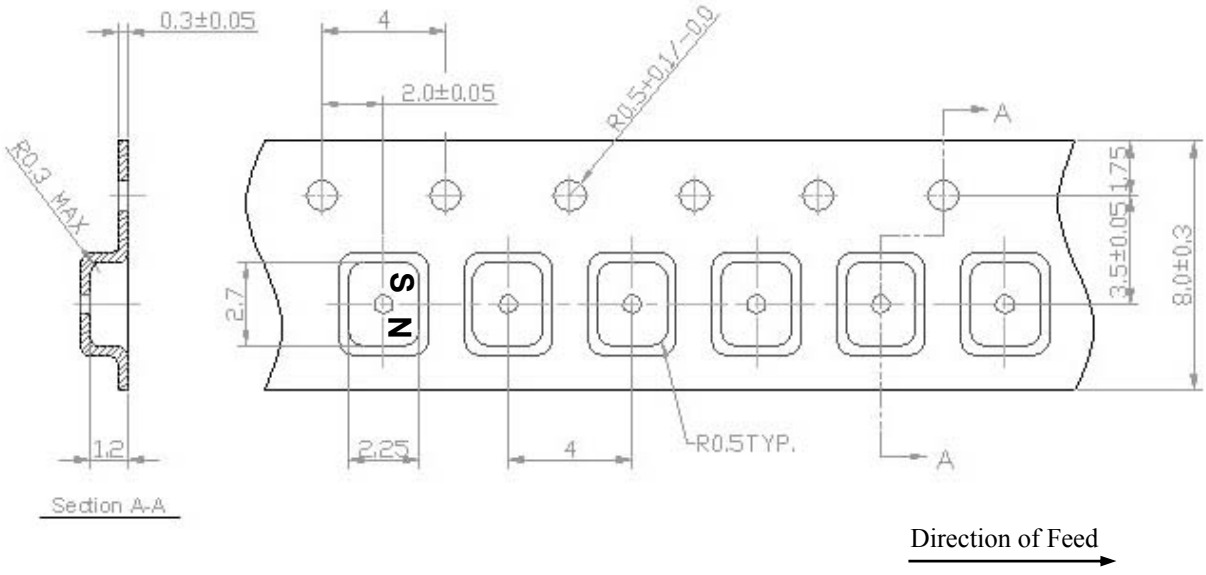


G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :