



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: Apr, 18, 2007

Product Name: SAW Filter 920 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0666A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 18, 2007



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SAW Filter 920 MHz

MODEL NO.:TA0666A

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: -40°C to +85°C

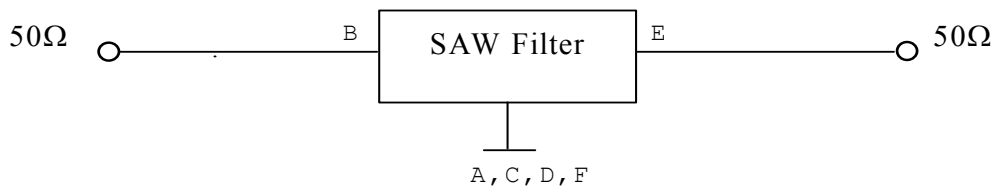
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

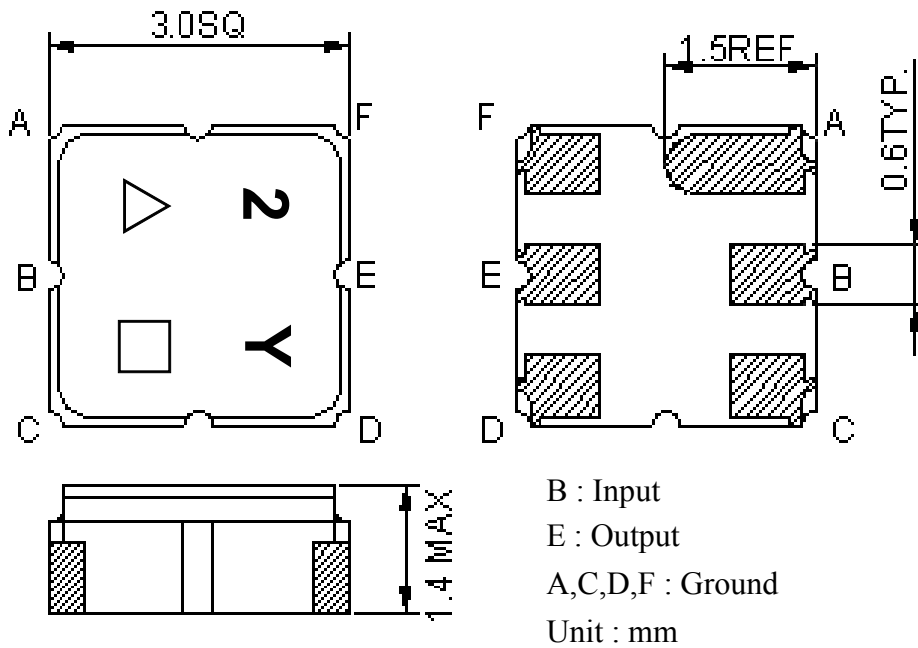
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	920	-	-
Insertion Loss (900 ~ 940 MHz) IL	dB	-	3.9	4.8	-
Amplitude Ripple (variation over 3MHz)	dB	-	0.3	1	-
VSWR (900 ~ 940 MHz)		-	1.7	2.5	-
Group Delay Ripple (variation over 3MHz)	ns	-	15	30	-
Attenuation (Reference level from 0 dB)					
D.C. ~ 850 MHz	dB	40	53	-	-
850 ~ 880 MHz	dB	20	48	-	-
960 ~ 1000 MHz	dB	20	29	-	-
1000 ~ 2000 MHz	dB	40	49	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



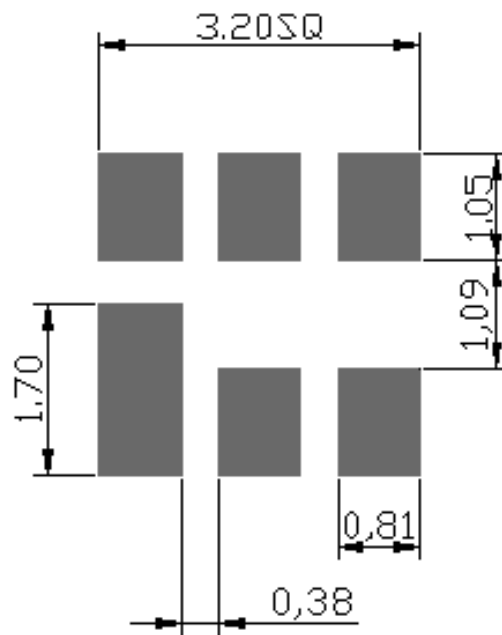
D.OUTLINE DRAWING:



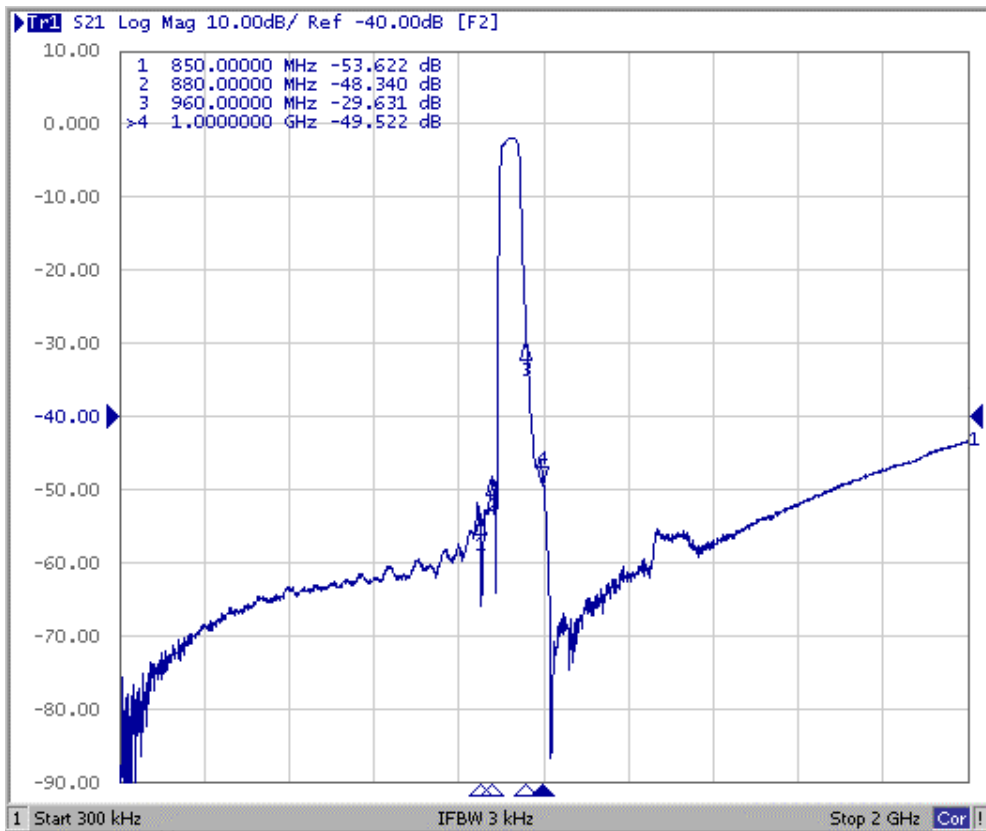
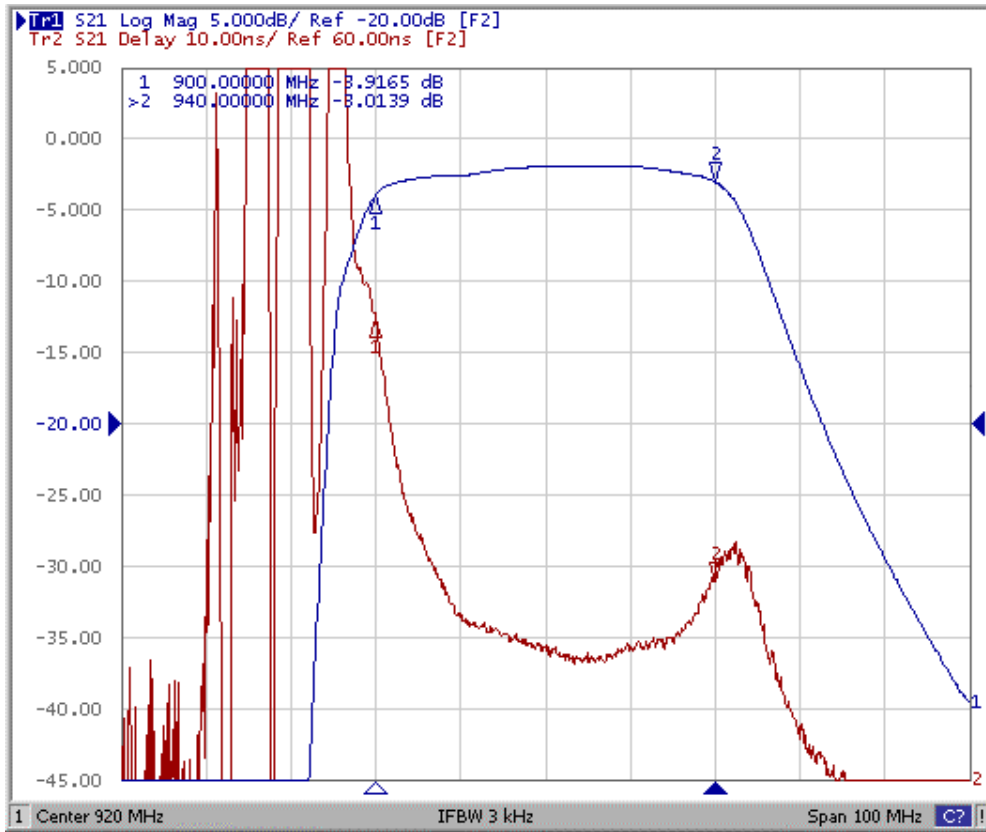
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:

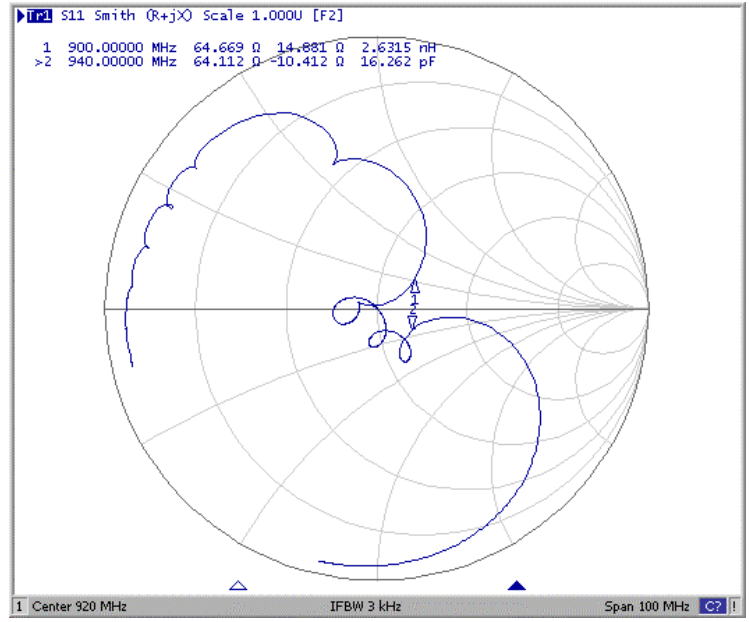
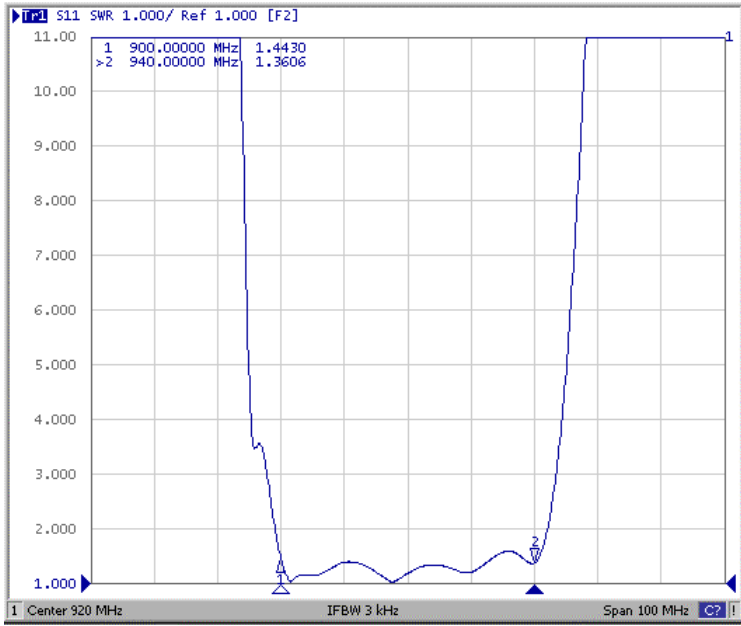


F. Frequency Characteristics :

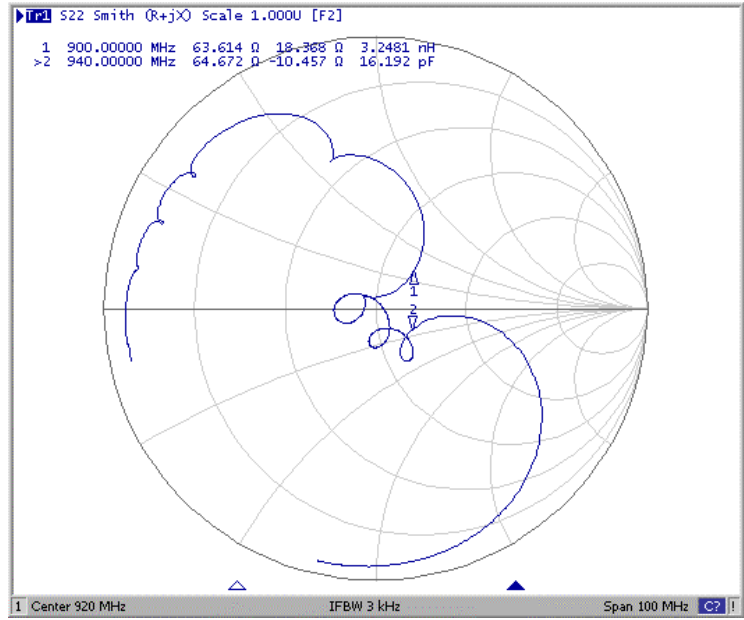
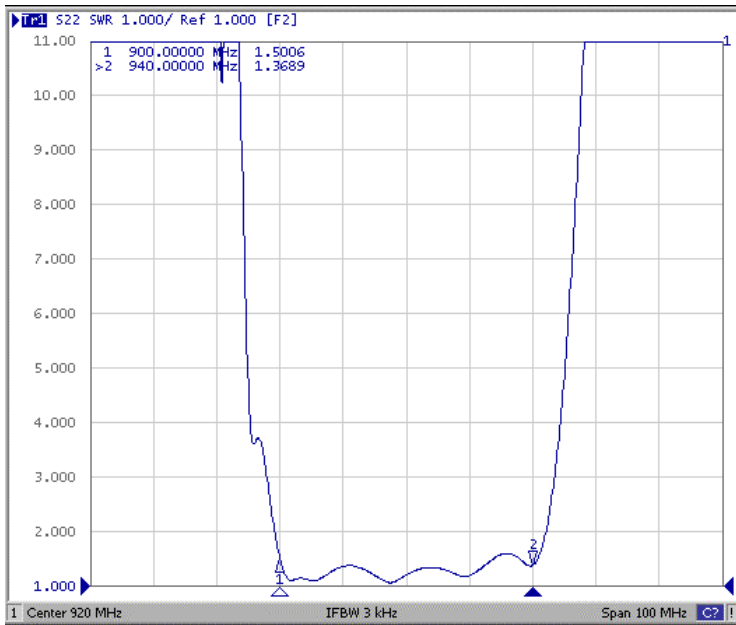


Reflection Functions :

S11



S22



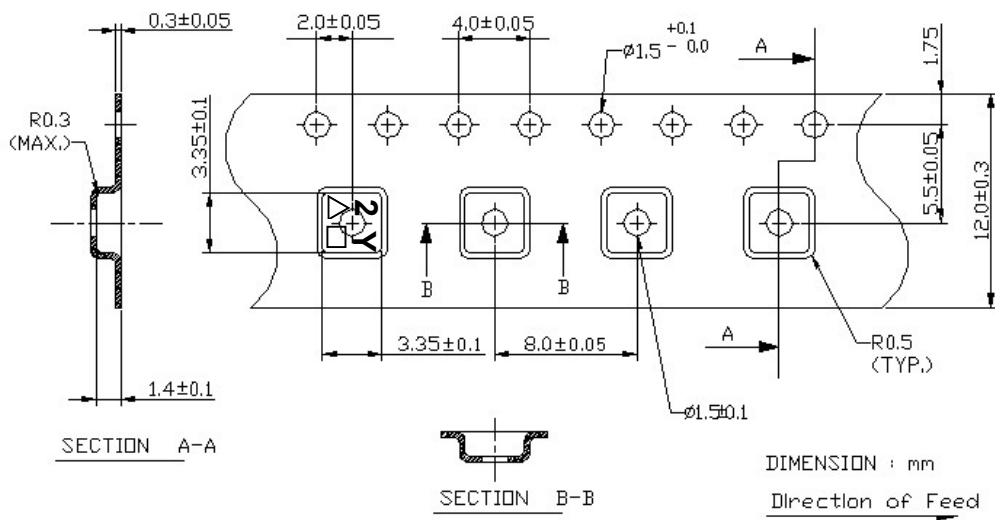
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

