



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: April, 26, 2006

Product Name: SAW Filter 960 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0564A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 26, 2006



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SAW Filter 960MHz

MODEL NO.:TA0564A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

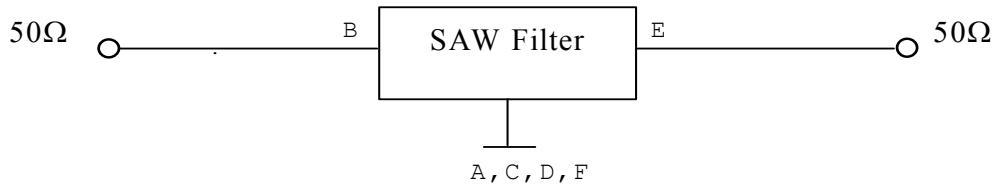
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

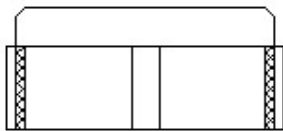
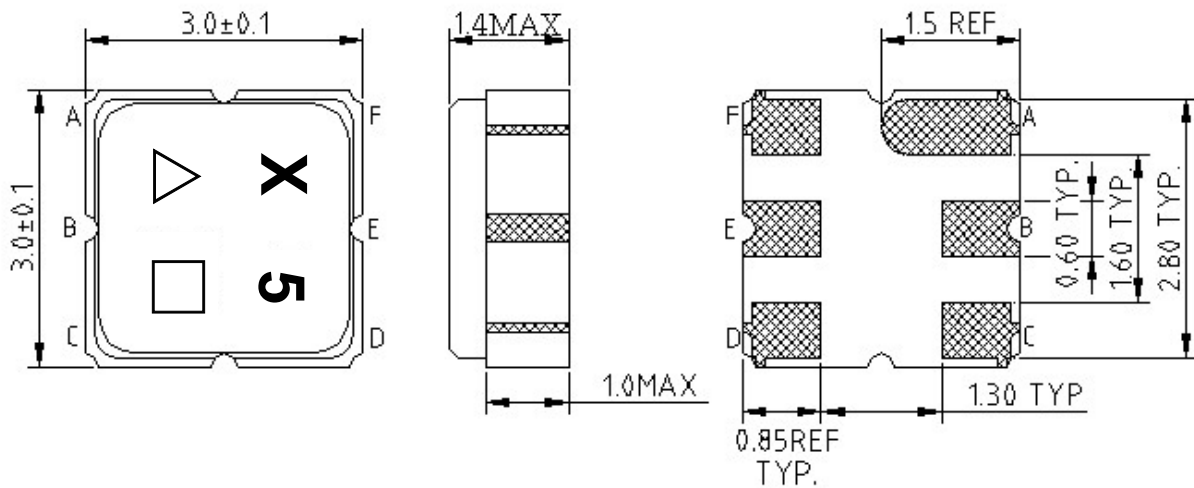
Item	Unit	Min.	Type.	Max.	Note
Center Frequency F_c	MHz	-	960	-	-
Insertion Loss (942 ~ 978 MHz) IL	dB	-	2.8	4	-
Amplitude Ripple (942 ~ 978 MHz)	dB	-	1.1	2.3	-
Return Loss (942 ~ 978 MHz)	dB	8	14.1	-	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 890 MHz	dB	40	53	-	-
890 ~ 906 MHz	dB	35	51	-	-
906 ~ 924 MHz	dB	30	47	-	-
1030 ~ 1045 MHz	dB	28	41	-	-
1045 ~ 1055 MHz	dB	35	54	-	-
1055 ~ 1500 MHz	dB	39	57	-	-
1500 ~ 2200 MHz	dB	30	42.5	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



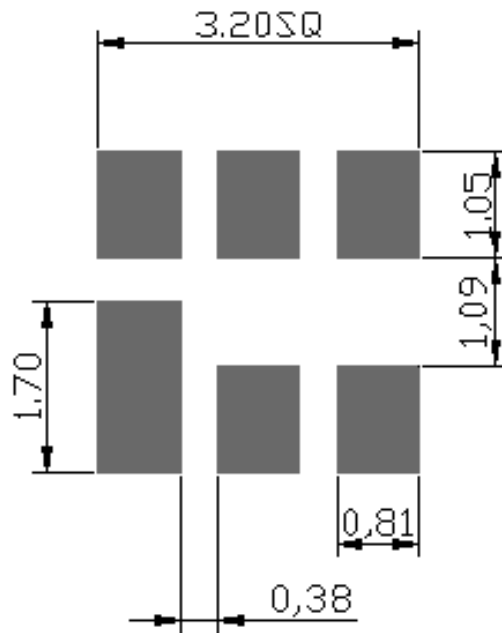
D.OUTLINE DRAWING:



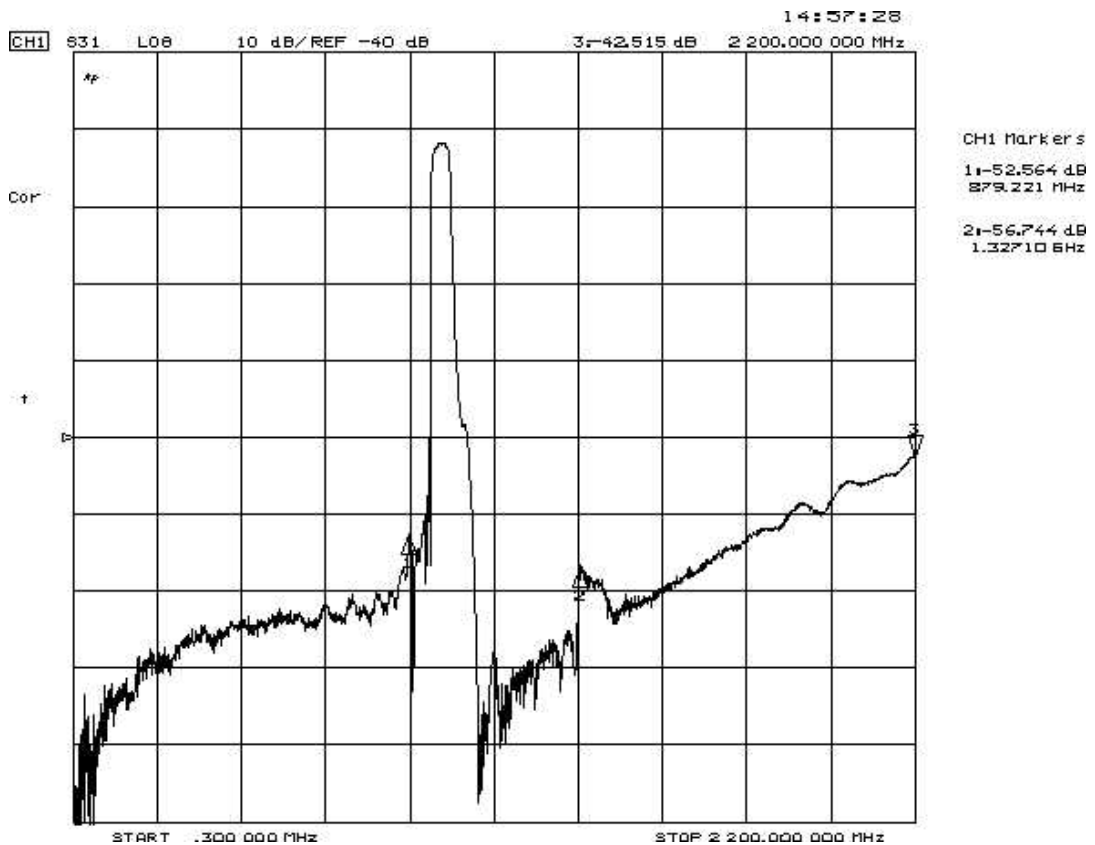
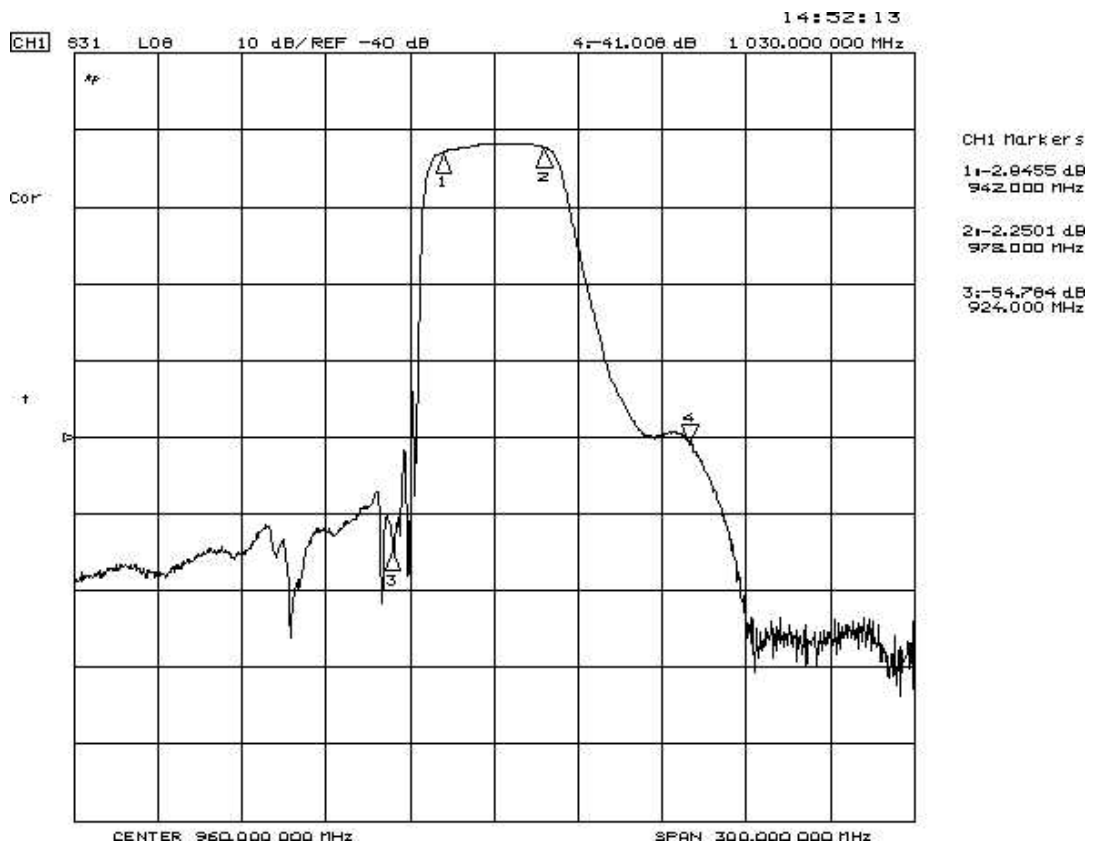
B INPUT
 E OUTPUT
 A,C,D,F GROUND
 DIMENSION : mm

△ : Year Code (2006->6, ..., 2009->9)
 □ : Date Code (Follow the table from planner each year)

E. PCB Footprint:

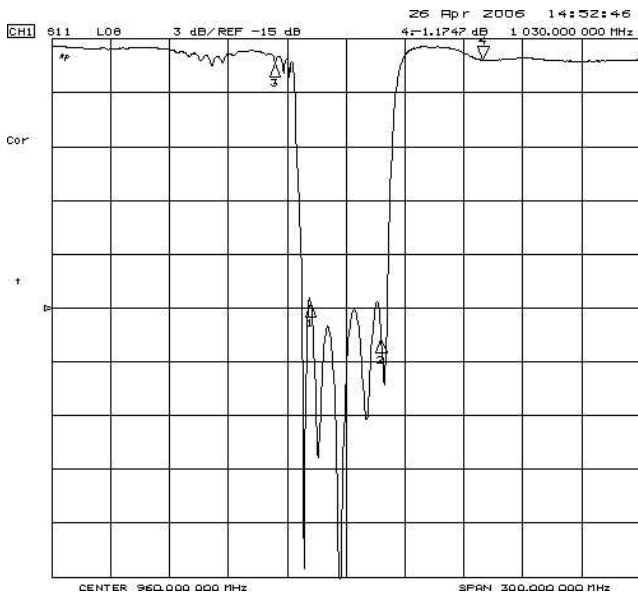


F. Frequency Characteristics :



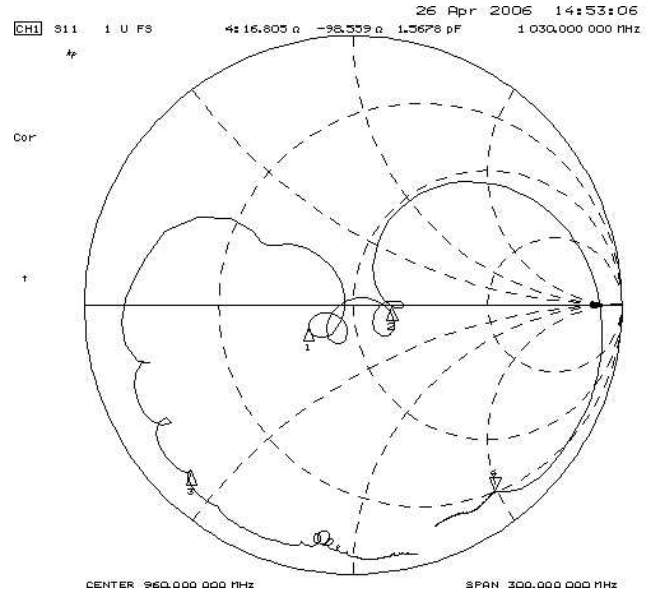
Reflections Functions :

S11 VSWR



CHI Markers

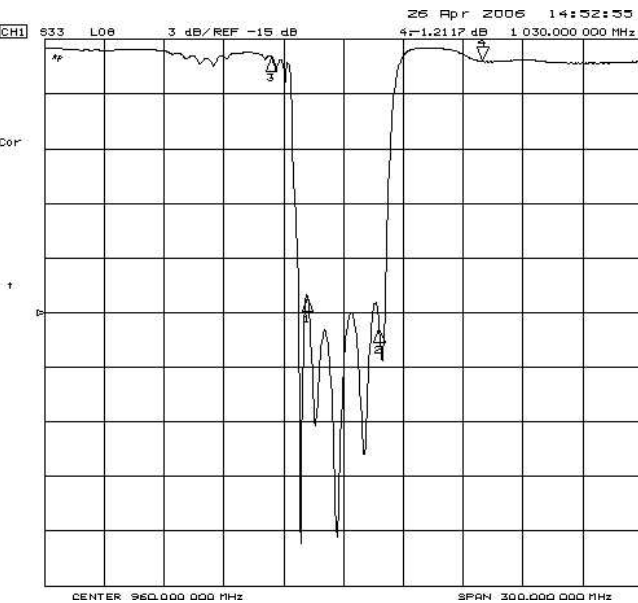
1:	-14.697 dB	942.000 MHz
2:	-16.737 dB	978.000 MHz
3:	-1.3062 dB	924.000 MHz



CHI Markers

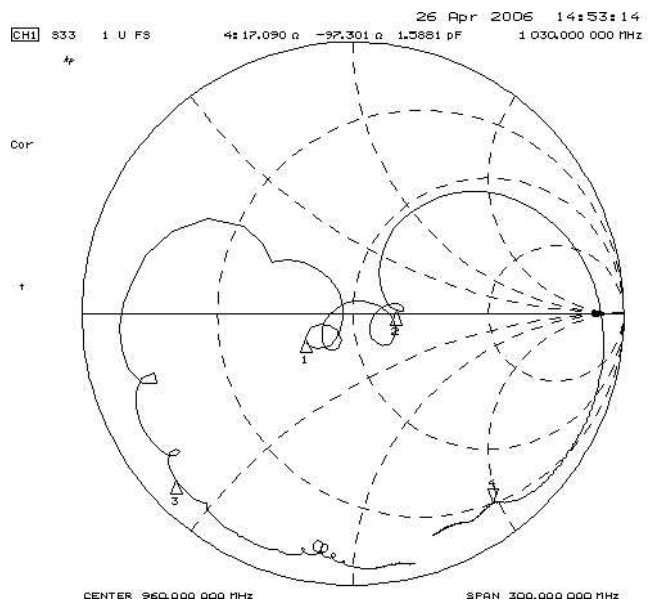
1:	35.404 o	-3.9393 o	942.000 MHz
2:	67.004 o	-62.34 mo	978.000 MHz
3:	4.3896 o	-20.967 o	924.000 MHz

S22 VSWR



CHI Markers

1:	-14.178 dB	942.000 MHz
2:	-15.671 dB	978.000 MHz
3:	-94980 dB	924.000 MHz



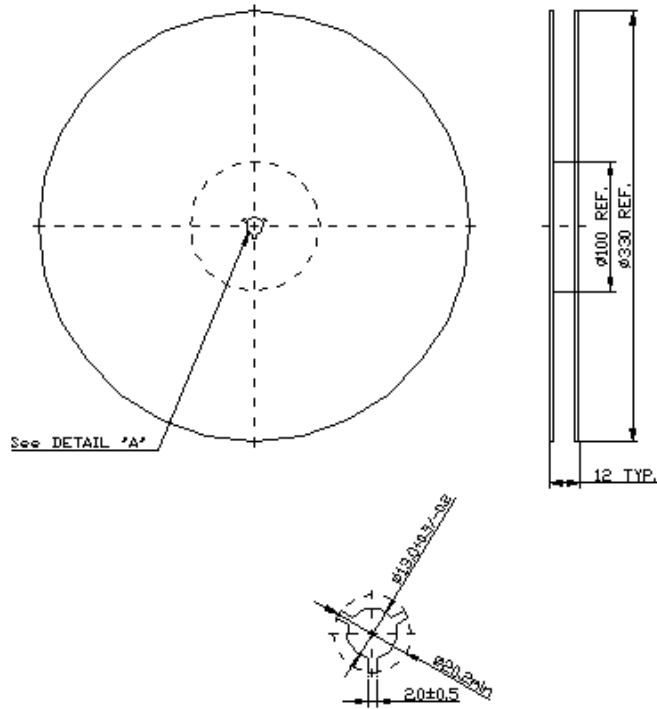
CHI Markers

1:	34.795 o	-6.6113 o	942.000 MHz
2:	69.063 o	1.5703 o	978.000 MHz
3:	3.1934 o	-19.751 o	924.000 MHz

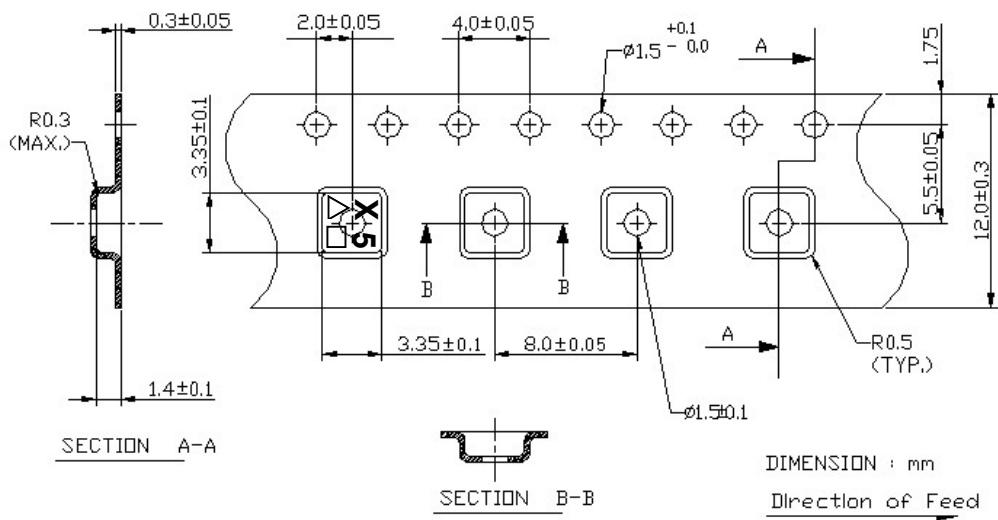
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

