



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: June, 8, 2004

Product Name: SAW Filter 1880 MHz SMD 3X3 mm

TST Parts No.:TA0294A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by : _____

Date:_____

Checked by:_____ Bob Chau

Approval by:_____ Francis Chen

Date:_____ 6, 8, 2004



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SAW Filter 1880 MHz for PCS

MODEL NO.: TA0294A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

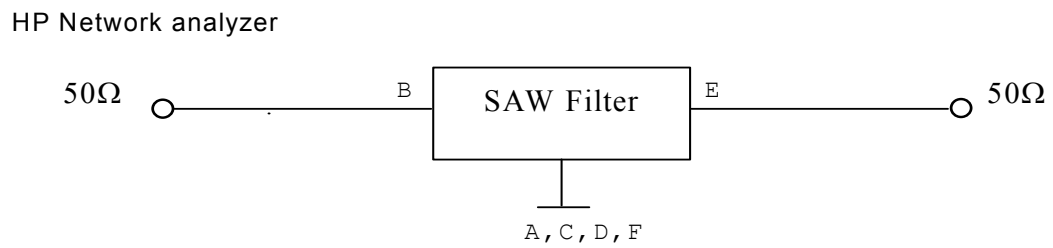
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

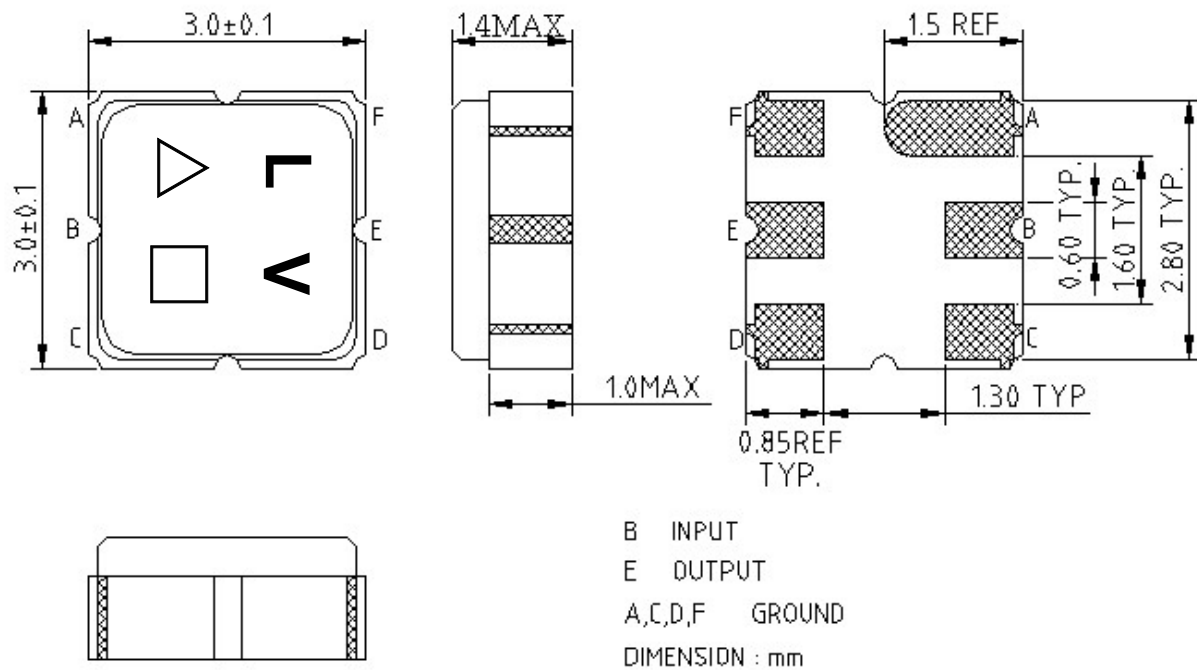
Item			Min.	Typ.	Max.
Center frequency	F _c	(dB)	-	1880	-
Insertion loss (1850~1910 MHz)	IL	(dB)	-	2.45	4.0
Amplitude ripple (1850~1910 MHz)		(dB)	-	1.2	2.5
Attenuation (Reference level from 0 dB)					
D.C. ~ 1660	MHz	(dB)	20	32	-
1660 ~ 1721	MHz	(dB)	30	35	-
1721 ~ 1800	MHz	(dB)	20	37	-
1930 ~ 1990	MHz	(dB)	7	19	-
2000 ~ 2040	MHz	(dB)	25	37	-
2040 ~ 2480	MHz	(dB)	31	38	-
3700 ~ 3820	MHz	(dB)	25	35	-
Input/Output Return Loss (1850~1910 MHz)			7.4	13	-
Source impedance	Z _s	(Ω)	-	50	-
Load impedance	Z _L	(Ω)	-	50	-

Note1. The standard definitions is in JIS C 6703

C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

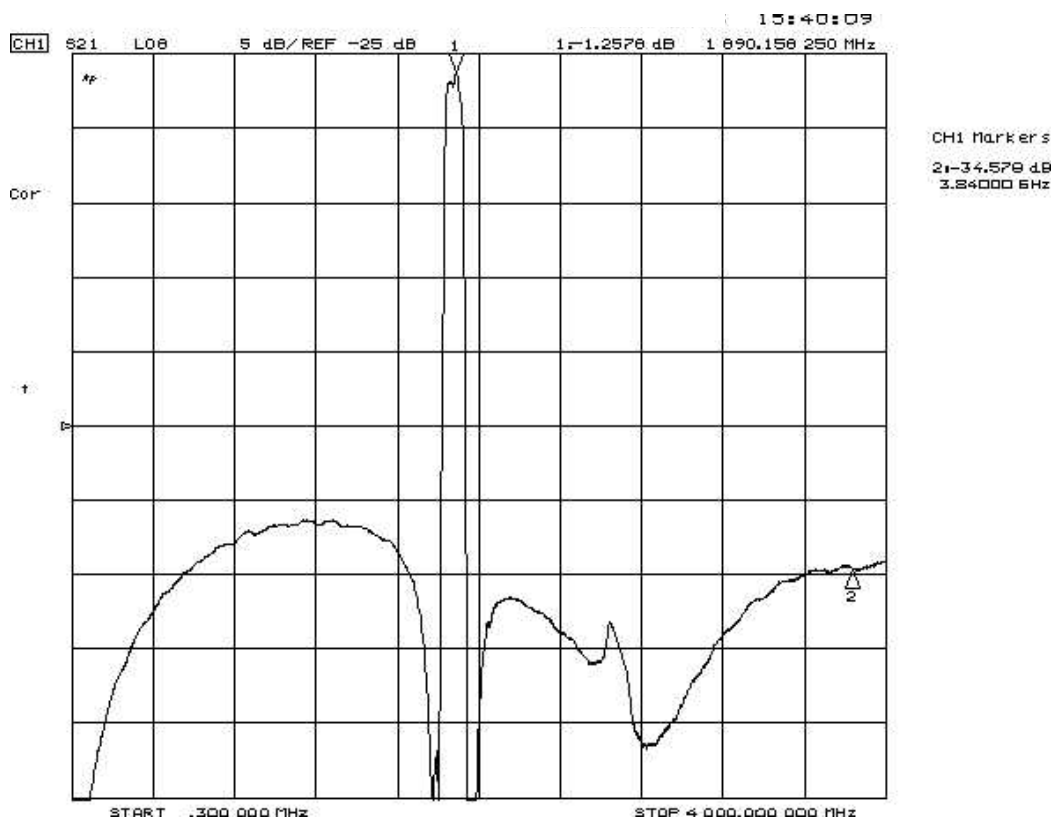
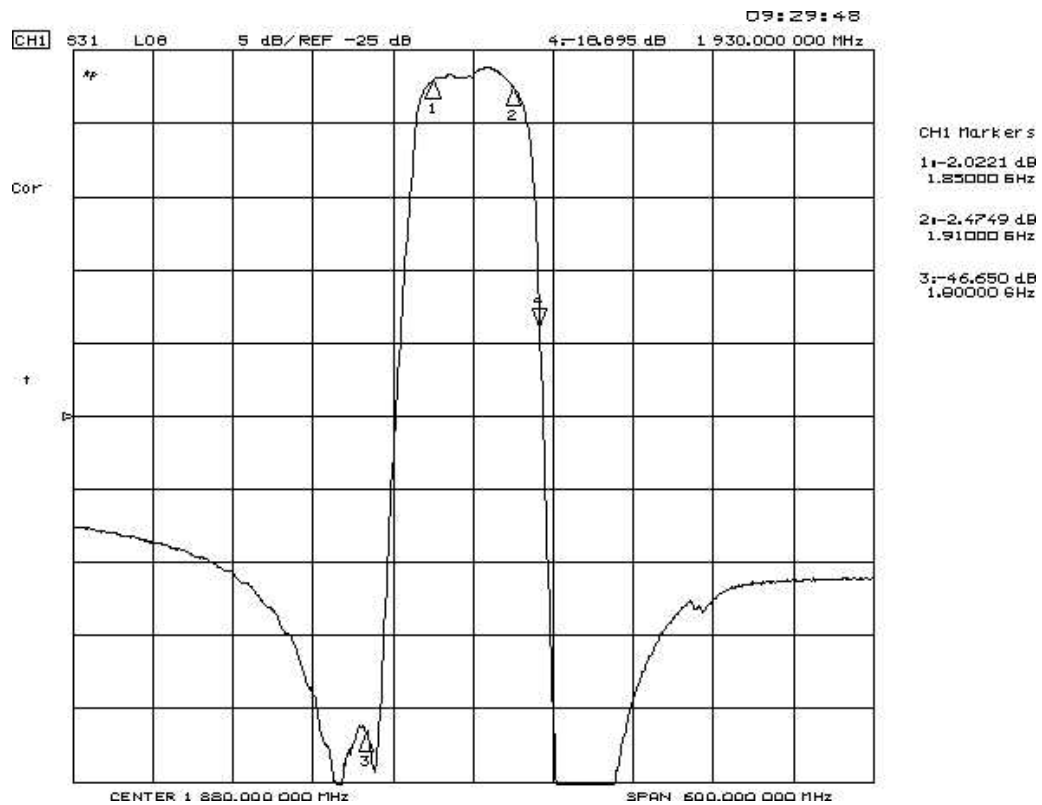


△ : Year Code

□ : Date Code

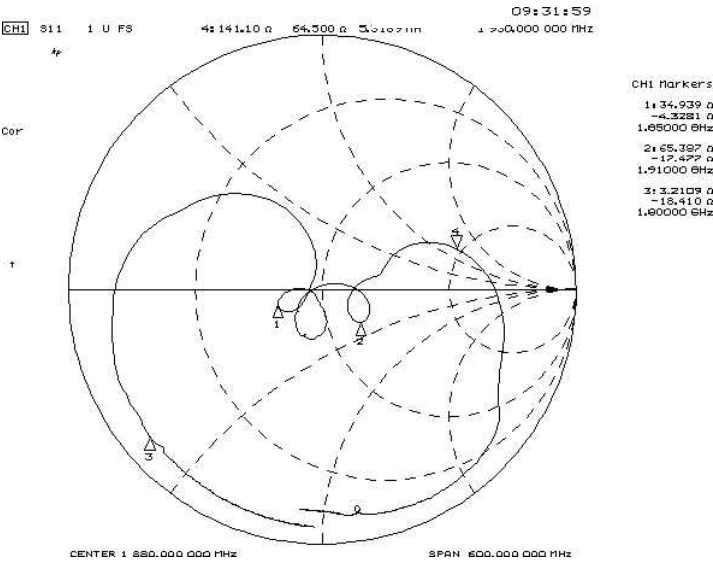
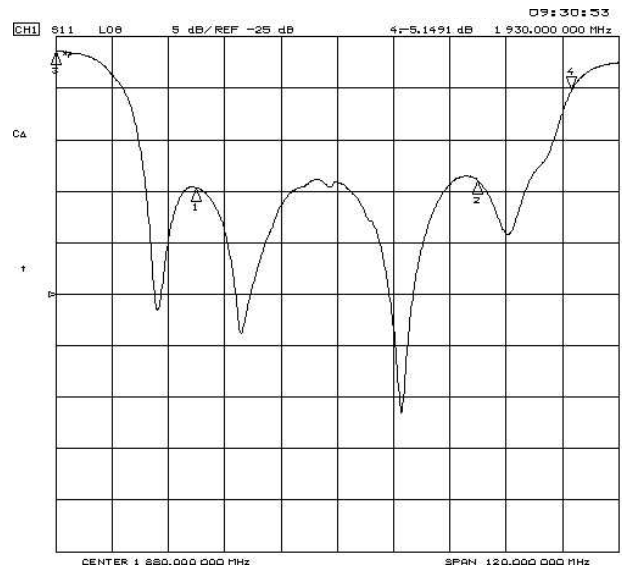
E. Frequency Characteristics :

Transfer function

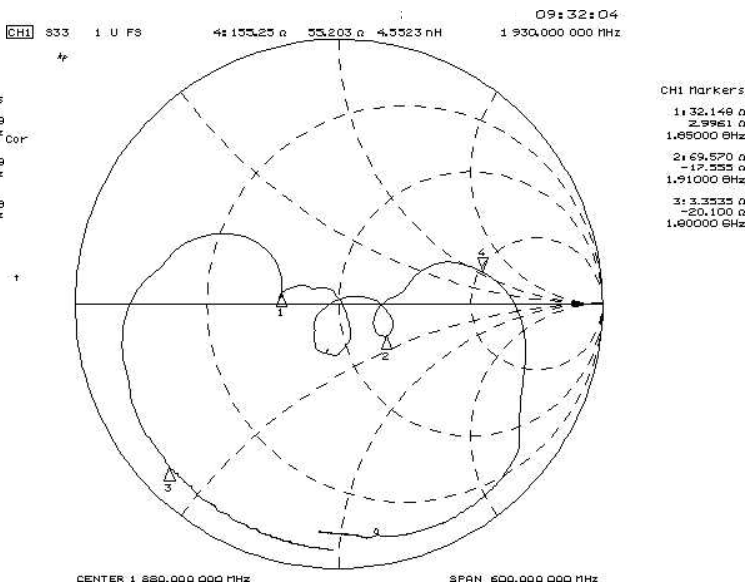
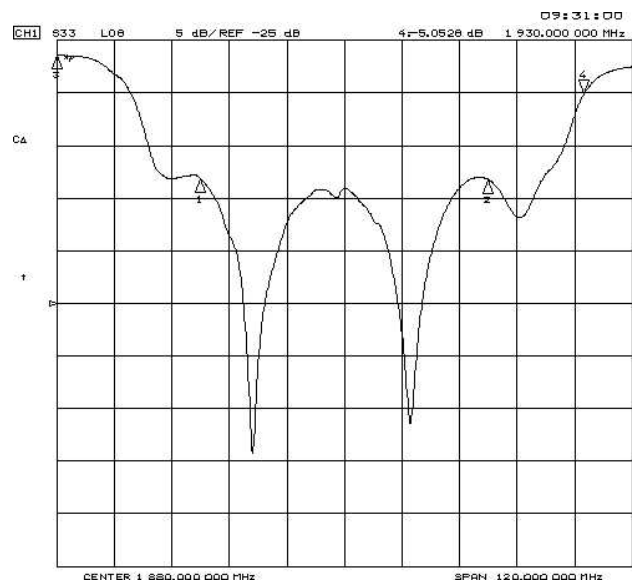


Reflections Functions :

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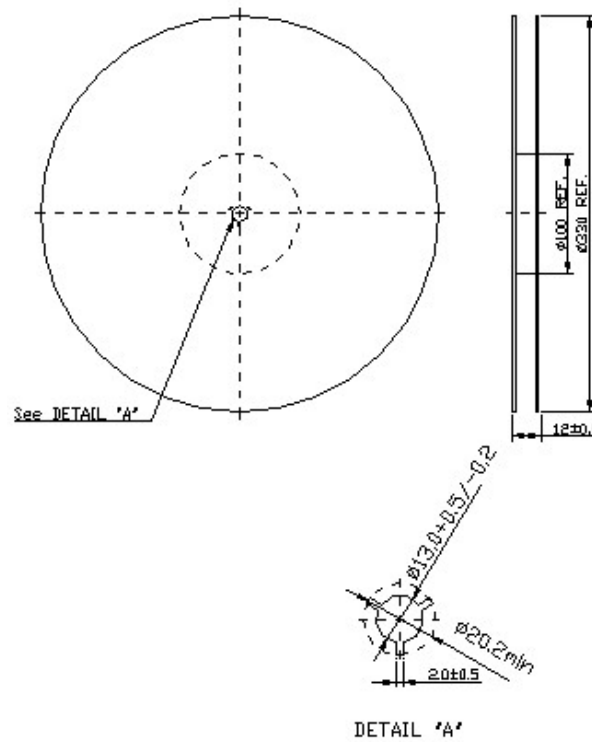


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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

