



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: Nov, 28, 2003

Product Name: SAW Filter 243 MHz SMD 5.0x7.0 mm

TST Parts No.:TB0208A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ Nov, 28, 2003



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SAW Filter 243MHz

MODEL NO.:TB0208A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 15V
3. Operating Temperature: -25°C to 60°C
4. Storage Temperature: -30°C to 70°C

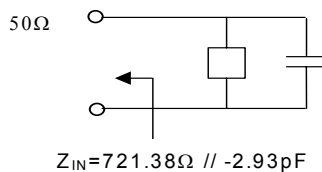
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

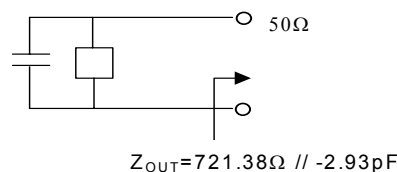
Item	Unit	Min.	Type.	Max.	Note
Center frequency, Fc	MHz	-	243	-	1
Minimum Insertion Loss, (Fc ±25KHz) IL	dB	-	3.7	6.0	1
Passband Ripple (Fc ±25KHz)	dB	-	0.2	1.0	1
Group delay ripple (Fc ±25KHz), GD	μs	-	0.5	2.0	1
Attenuation:(Reference level from Min IL)					
Fc - 115 to Fc - 1 MHz	dB	50	63	-	-
Fc - 1 to Fc - 0.6 MHz	dB	42	64	-	-
Fc - 0.6 to Fc - 0.4 MHz	dB	29	68	-	-
Fc + 0.4 to Fc + 0.6 MHz	dB	29	64	-	-
Fc + 0.6 to Fc + 1 MHz	dB	42	63	-	-
Fc + 1 to Fc + 115 MHz	dB	50	55	-	-

Note1. The standard definitions is in JIS C 6703

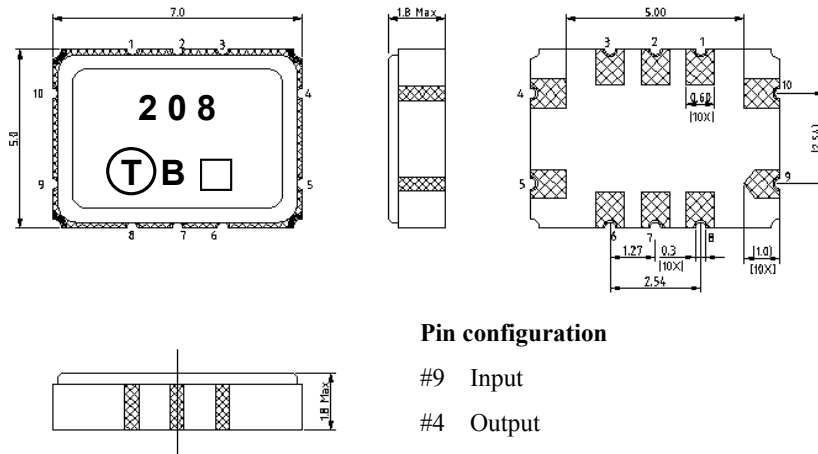
Source impedance



Load impedance



C.OUTLINE DRAWING:

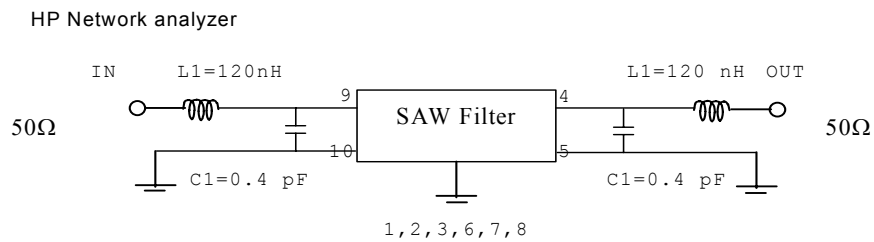


Pin configuration

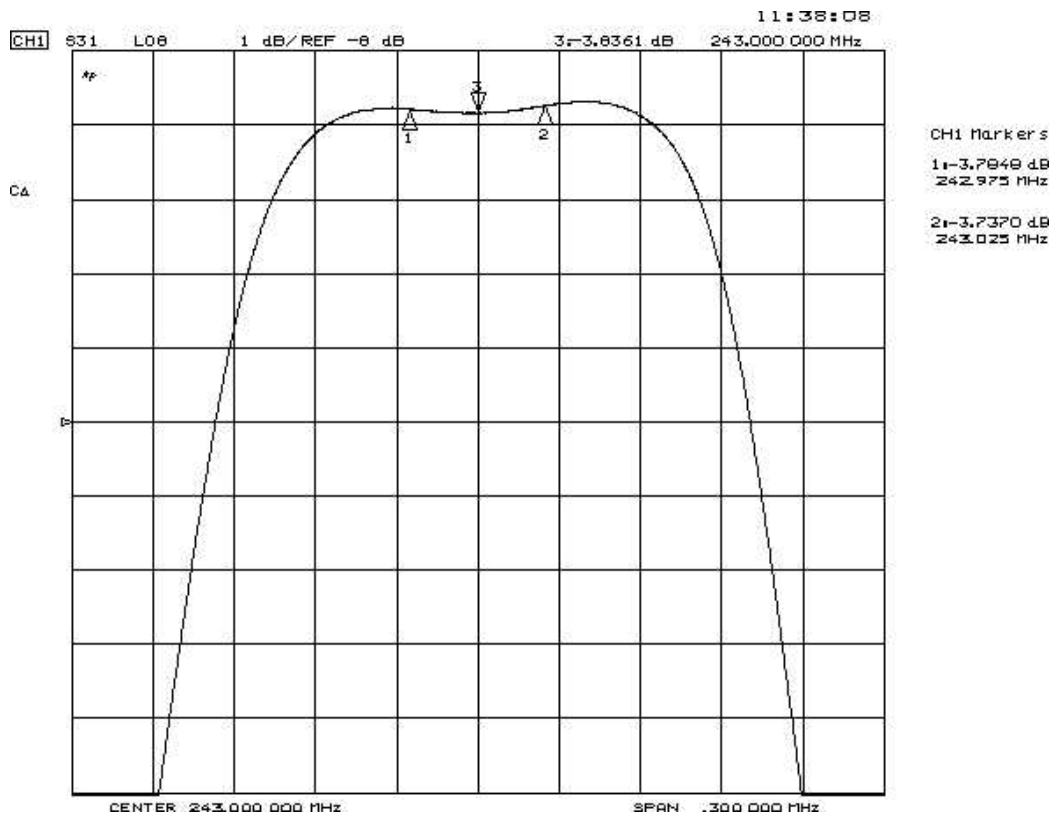
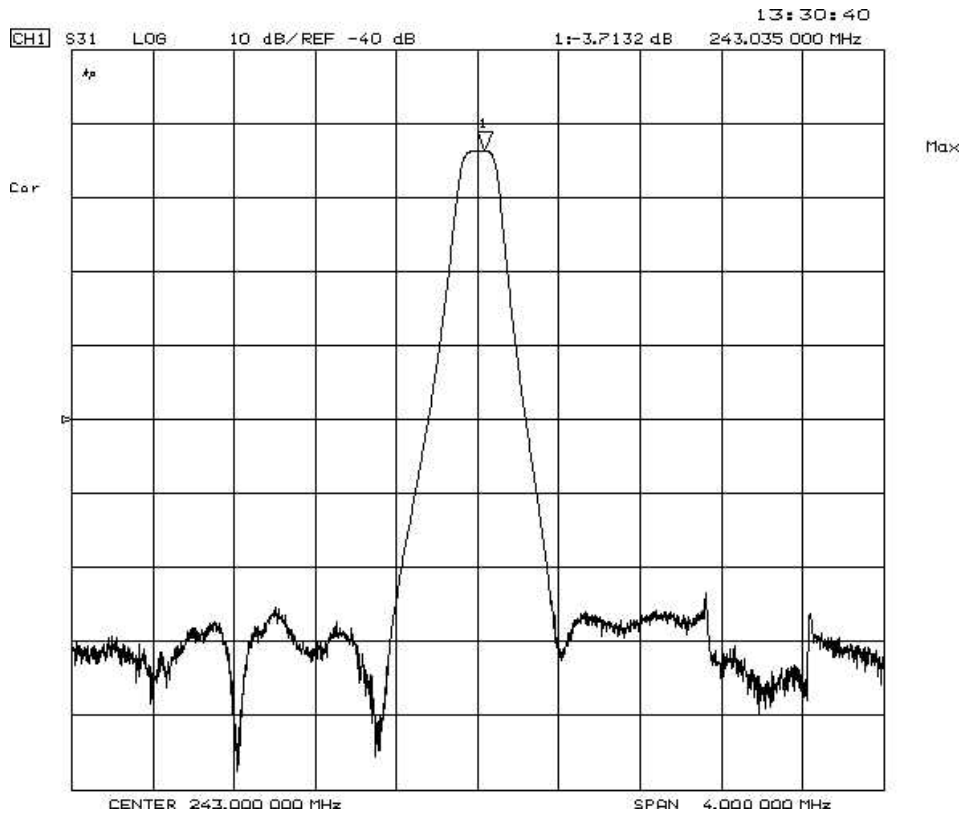
- #9 Input
- #4 Output
- #10 Balance input or input ground
- #5 Balance output or output ground
- #1,2,3,6,7,8 To be grounded
- Date code
- Unit mm

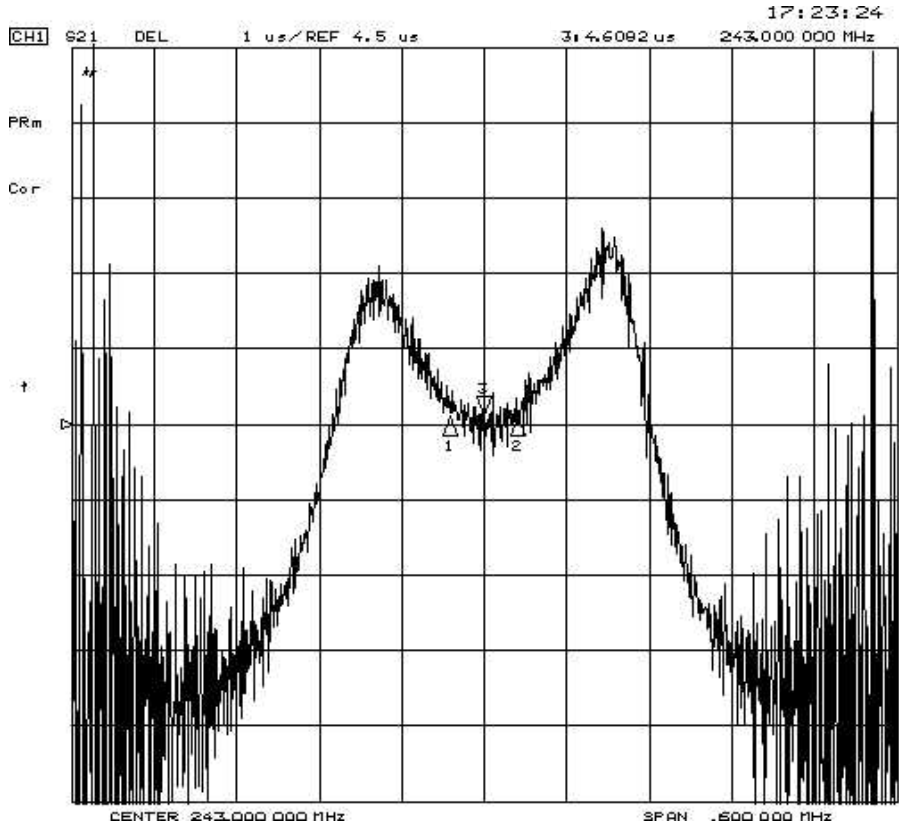
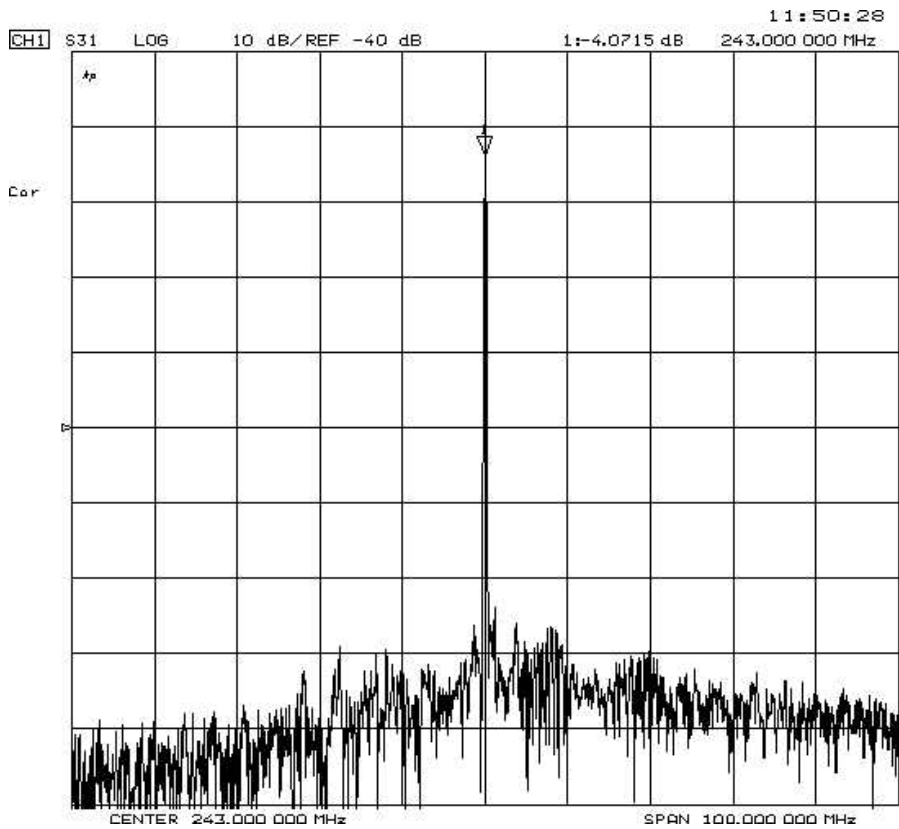
D. MEASUREMENT CIRCUIT:

50 Ohm Test circuit (single-ended / single-ended)

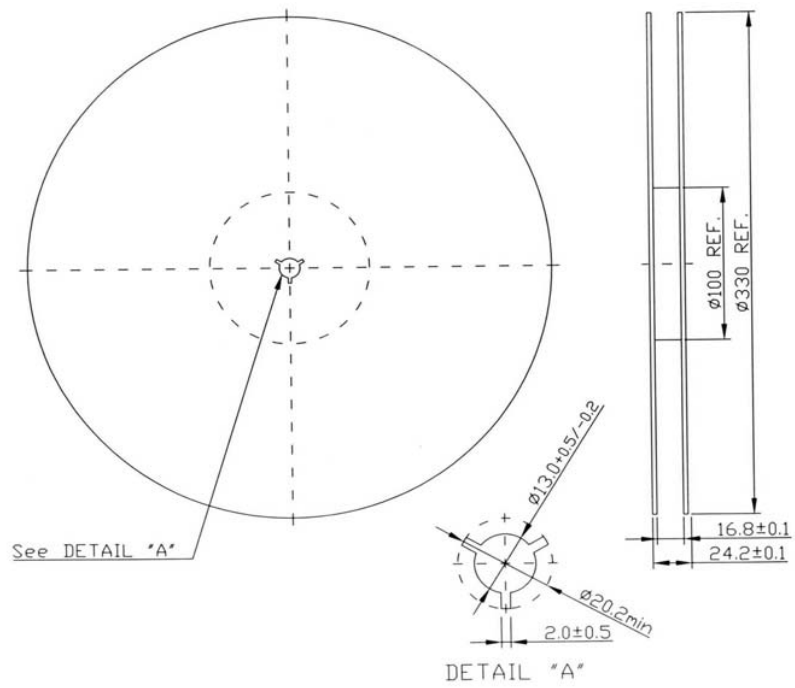


E. Frequency Characteristics :





F. PACKING:
1. REEL DIMENSION



2. TAPE DIMENSION

