



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:

Product Name: SAW Filter 184MHz SMD 7.0×5.0 mm

TST Parts No.:TA0378A

Customer Parts No.: _____

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

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2003/08/20



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SAW Filter 184 MHz

MODEL NO.: TA0378A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -10°C to +70°C
4. Storage Temperature: -40°C to +85°C

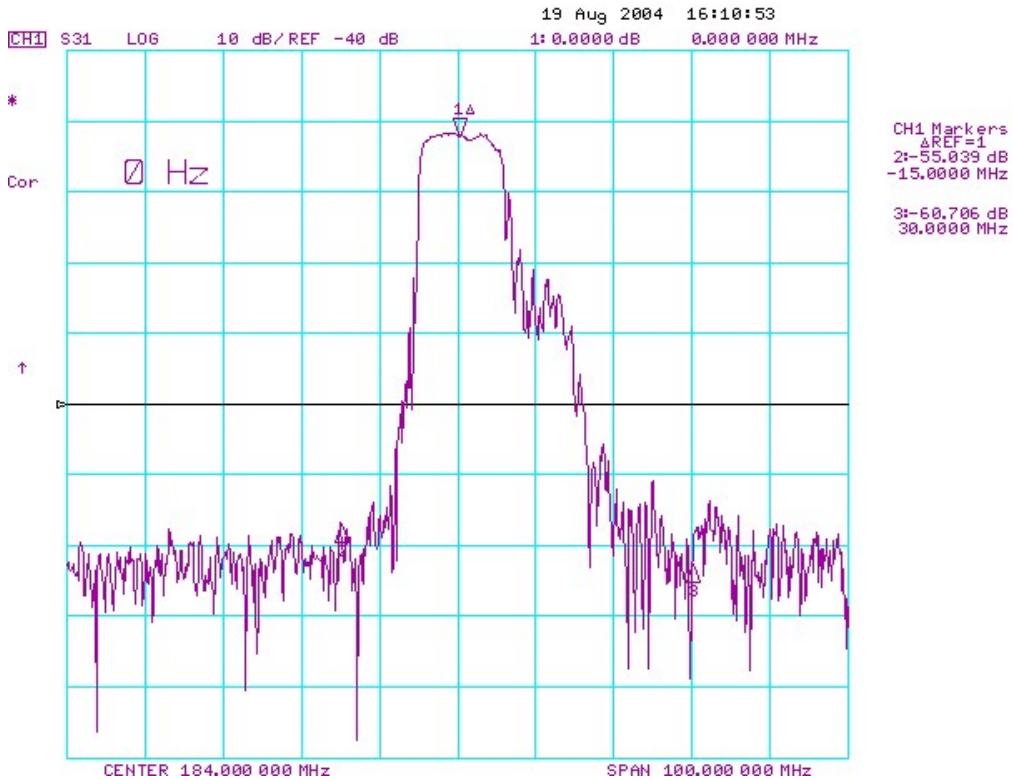
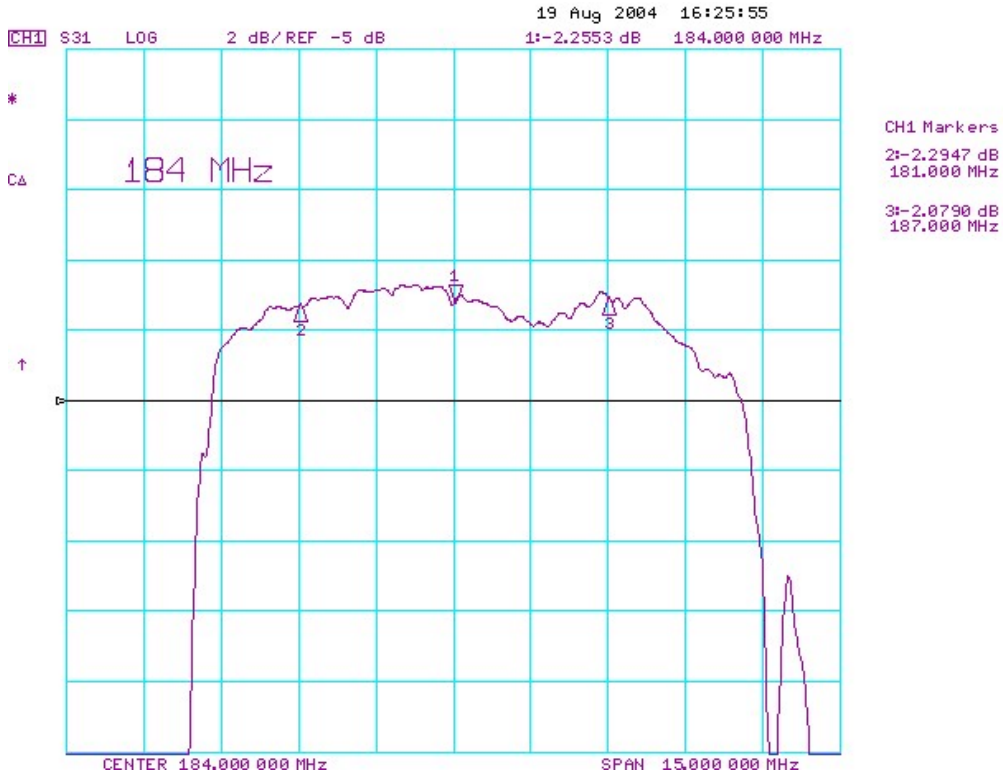
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	F _c	MHz	-	184	-
Insertion Loss	IL _{min} (reference level)	dB	-	1.6	2.8
Bandwidth	BW _{-3dB}	MHz	6	10	-
Absolute Attenuation(reference to IL _{min} dB)					
F _c -50 ~ F _c -30	MHz	dB	42	54	-
F _c -30 ~ F _c -15	MHz	dB	36	52	-
F _c +30 ~ F _c +50	MHz	dB	42	51	-
Source impedance	Z _s	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

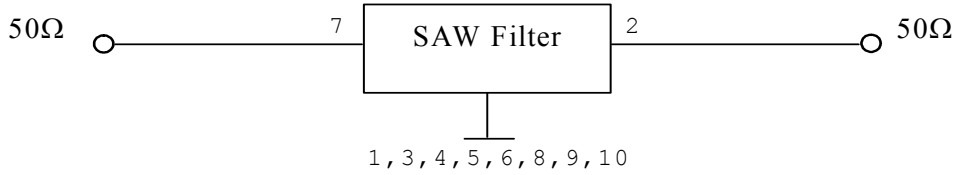
Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL_{min}.

C. Frequency Characteristics :

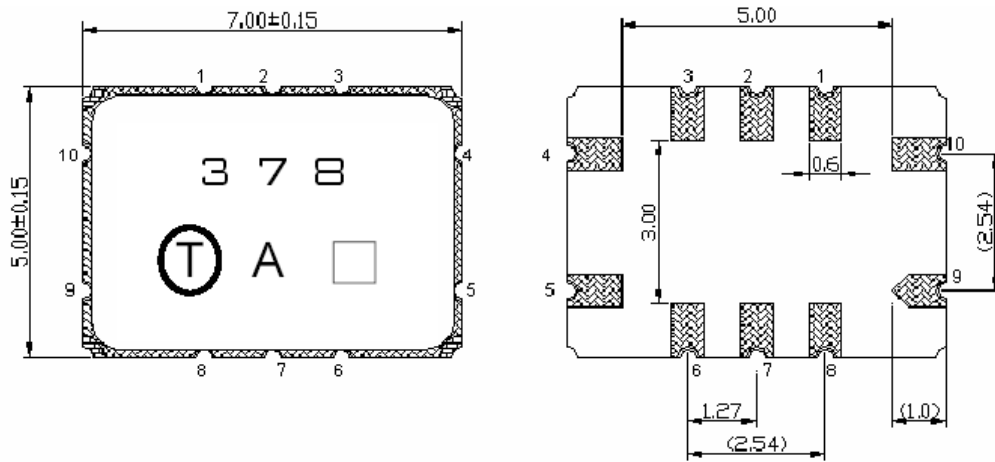


D. MEASUREMENT CIRCUIT:

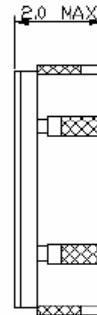
HP Network analyzer



E. OUTLINE DRAWING:



Pin configuration:
 7: Input
 2: Output
 1,3,4,5,6,8,9,10: Ground
 □ : Date Code
 Unit: mm



F. PCB FOOTPRINT:

