



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 869MHz SMD 3.0x3.0 mm

TST Parts No.:TA0296A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2004/09/02



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SAW Filter 869 MHz

MODEL NO.: TA0296A

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 17 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -40°C to +85°C

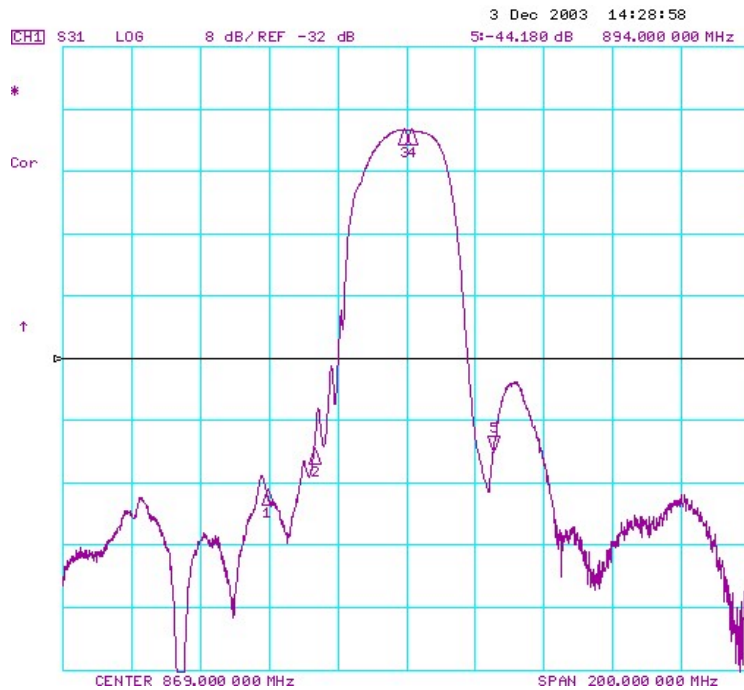
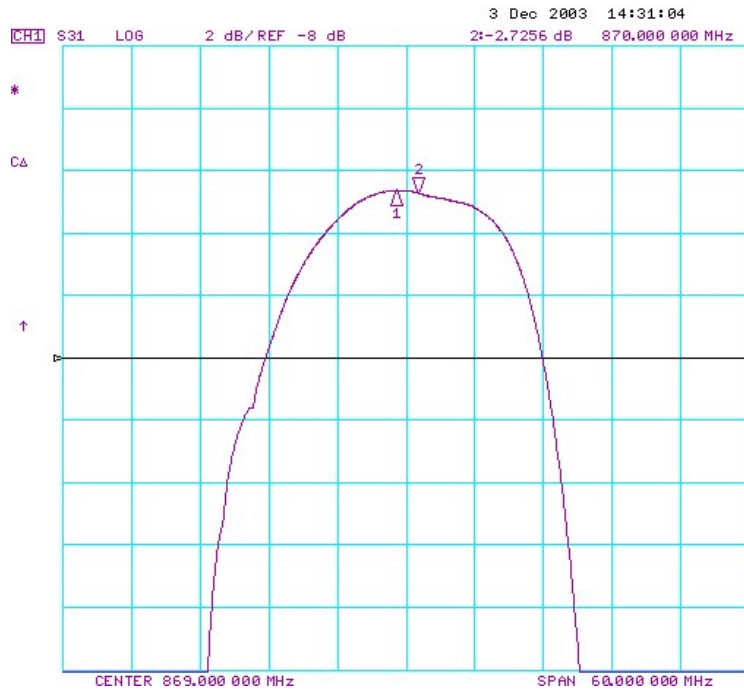
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

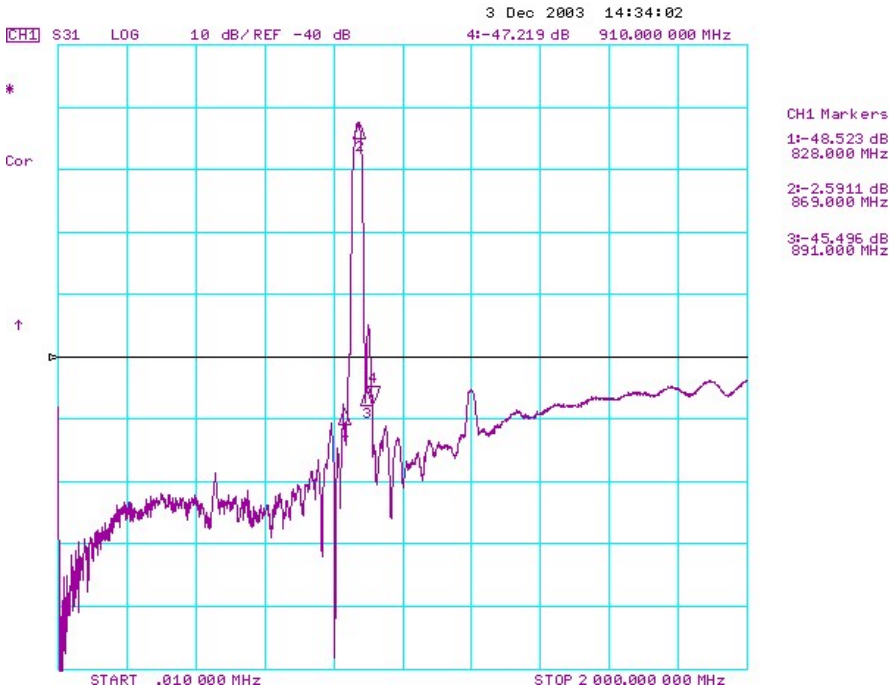
Item		Specification				
		Unit	Min.	Typ.	Max.	
Center Frequency		MHz	-	869	-	
Insertion Loss	868 ~ 870 MHz	dB	-	2.8	4.0	
Ripple	868 ~ 870 MHz	dB	-	0.2	1.5	
Absolute Attenuation						
	825 ~ 828 MHz	MHz	dB	40	47	-
	835 ~ 842 MHz	MHz	dB	30	39	-
	891 ~ 894 MHz	MHz	dB	30	42	-
	910 ~ 913 MHz	MHz	dB	40	47	-
Source impedance	Z _s	Ω	-	50	-	
Load impedance	Z _L	Ω	-	50	-	

Note1. No matching network required for operation at 50 Ω

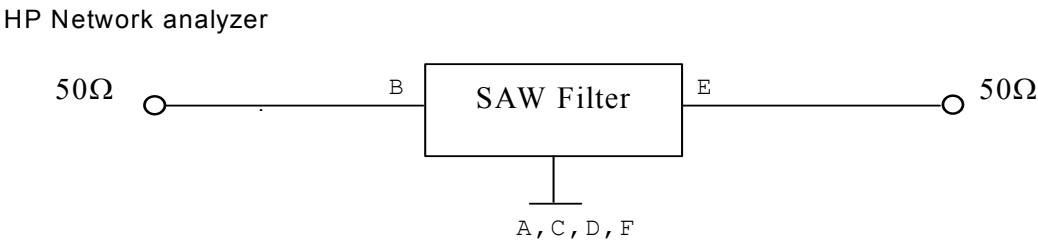
C. Frequency Characteristics :



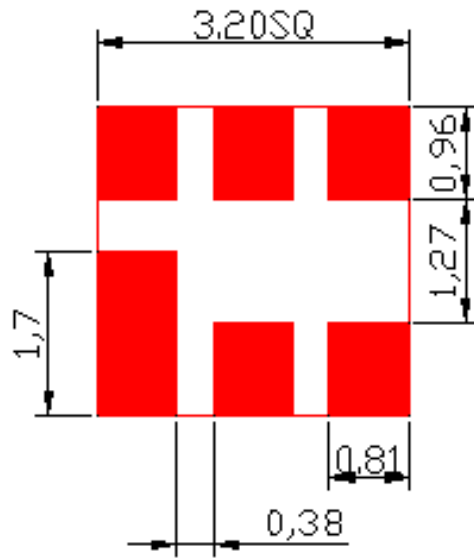
Wideband



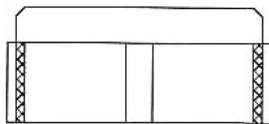
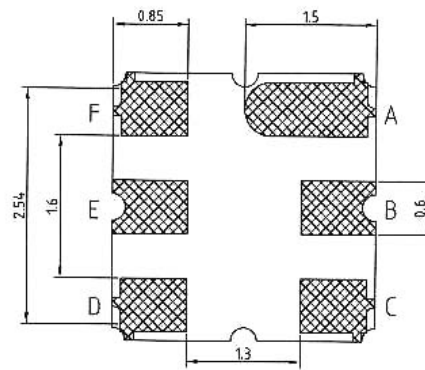
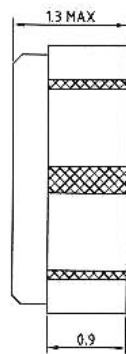
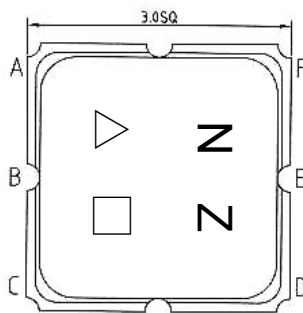
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:



F.OUTLINE DRAWING



- #B : Input
- #E : Output
- #A,C,D,F : Ground
- △ : Year Code
- : Date Code
- Unit: mm

