



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 866MHz SMD 3.0×3.0mm

TST Parts No.:TA0331A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2004/02/24



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SAW Filter 866 MHz

MODEL NO.: TA0331A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -25°C to +75°C
4. Storage Temperature: -40°C to +85°C

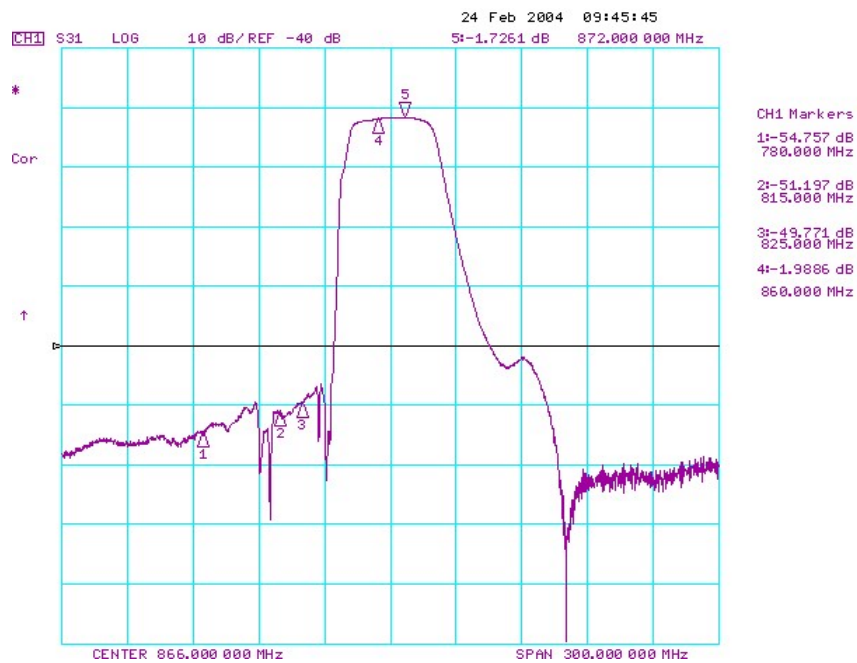
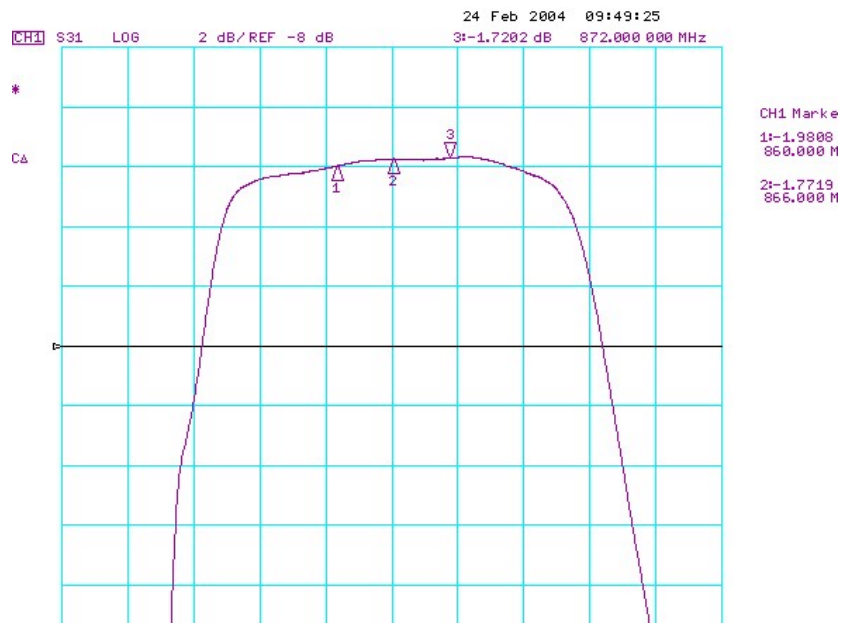
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	F _c	MHz	-	866	-
Insertion Loss	860~872 MHz	dB	-	2.0	3.5
Bandwidth	BW _{-1.5dB}	MHz	12	35	-
Absolute Attenuation					
770 ~ 780	MHz	dB	40	54	-
815 ~ 825	MHz	dB	40	49	-
Source impedance	Z _s	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

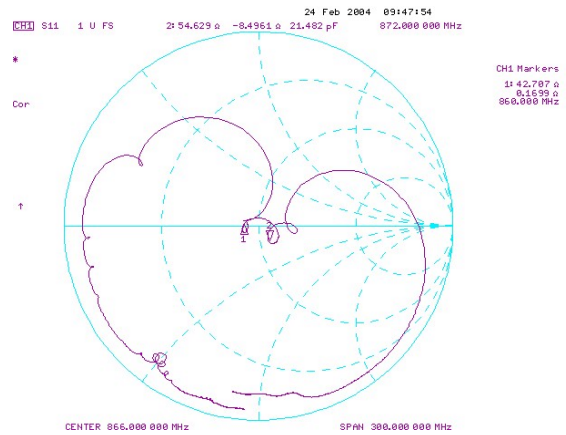
Note1. No matching network required for operation at 50 (

C. Frequency Characteristics :

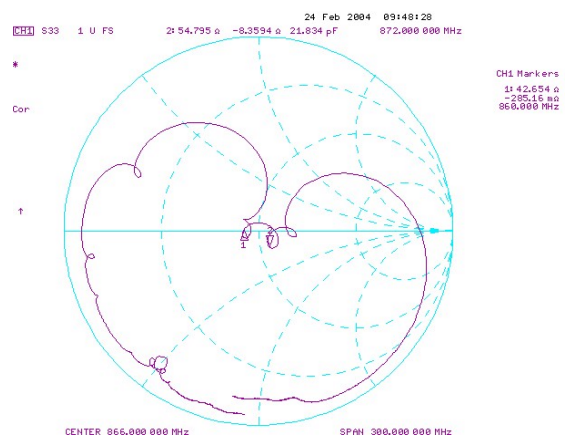


D.Reflections Functions :

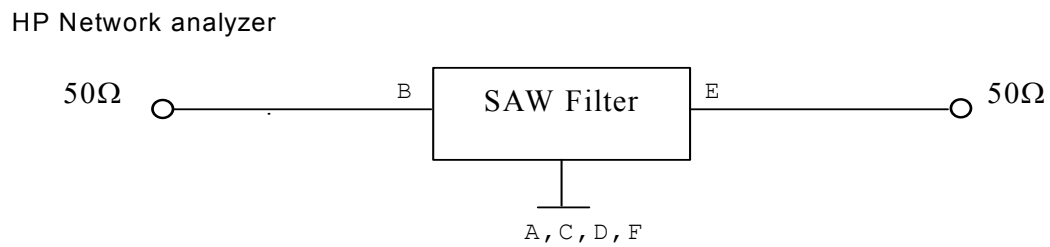
S11:



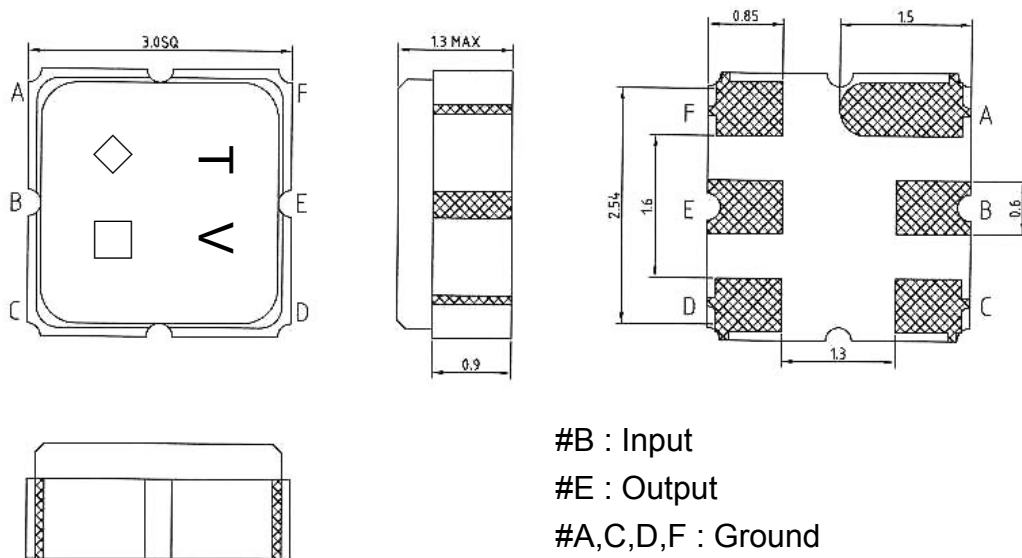
S22:



E. MEASUREMENT CIRCUIT:



F. OUTLINE DRAWING:



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

1. REEL DIMENSION

