



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

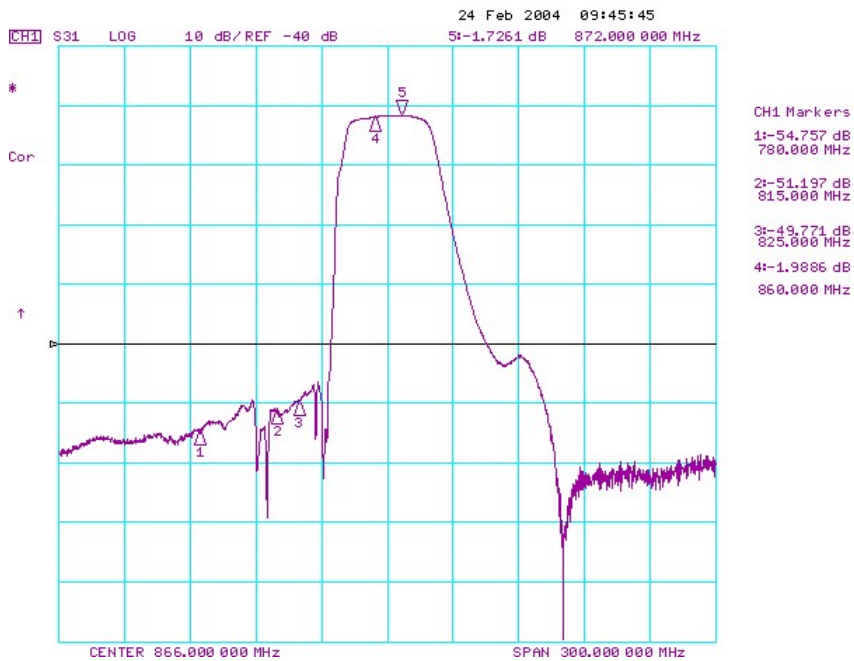
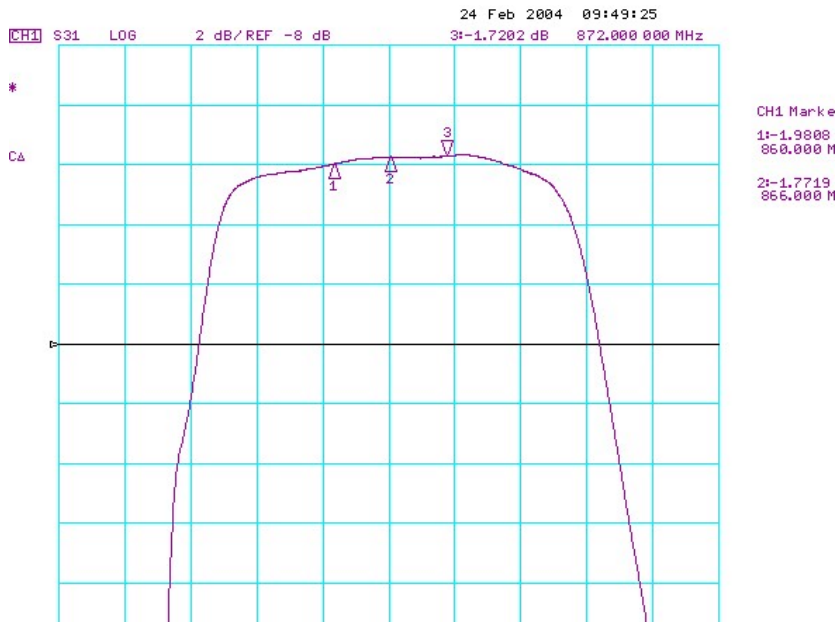
RoHS Compliant
Lead free
Lead-free soldering

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	-

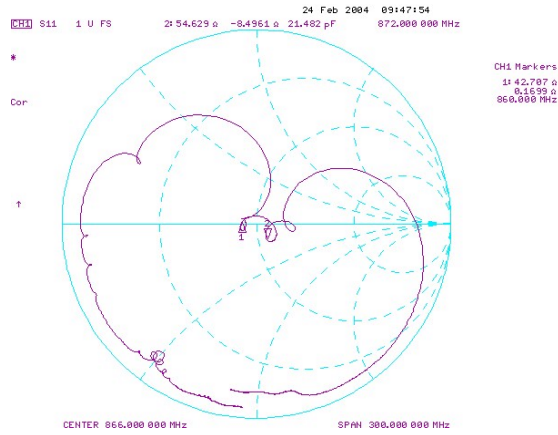
Note1. No matching network required for operation at 50 (

C. Frequency Characteristics :

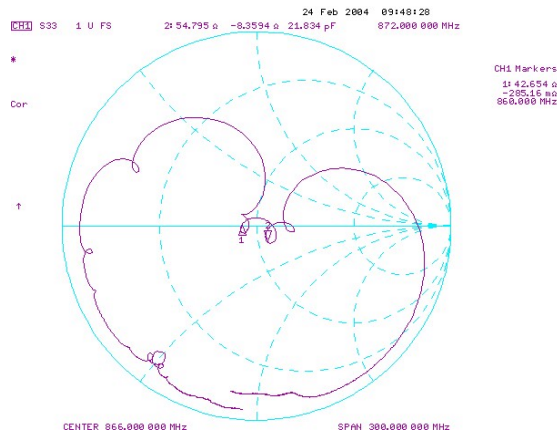
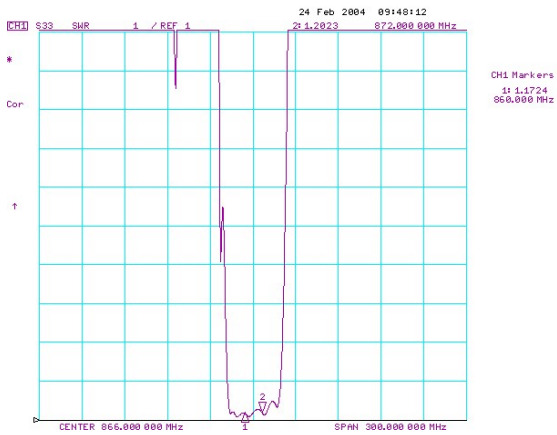


D.Reflections Functions :

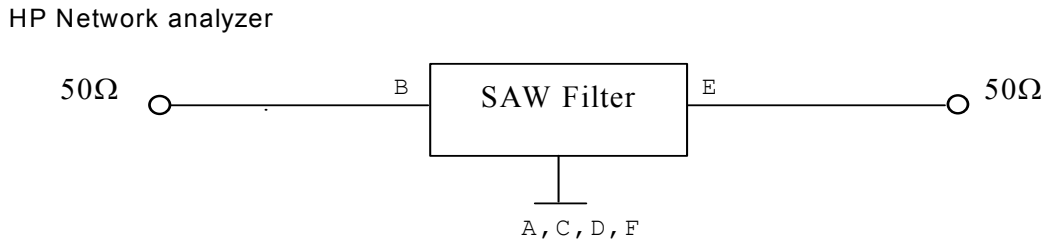
S11:



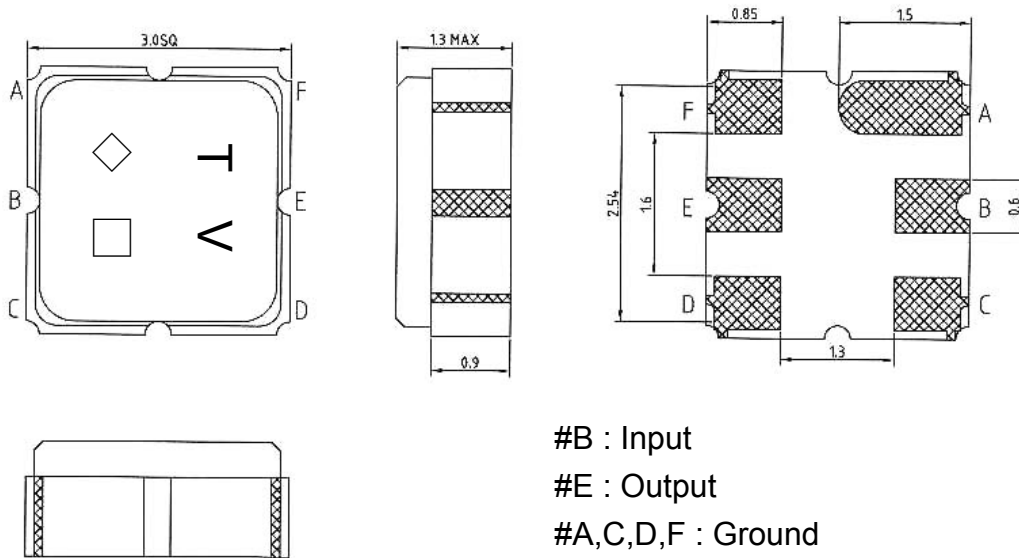
S22:



E. MEASUREMENT CIRCUIT:



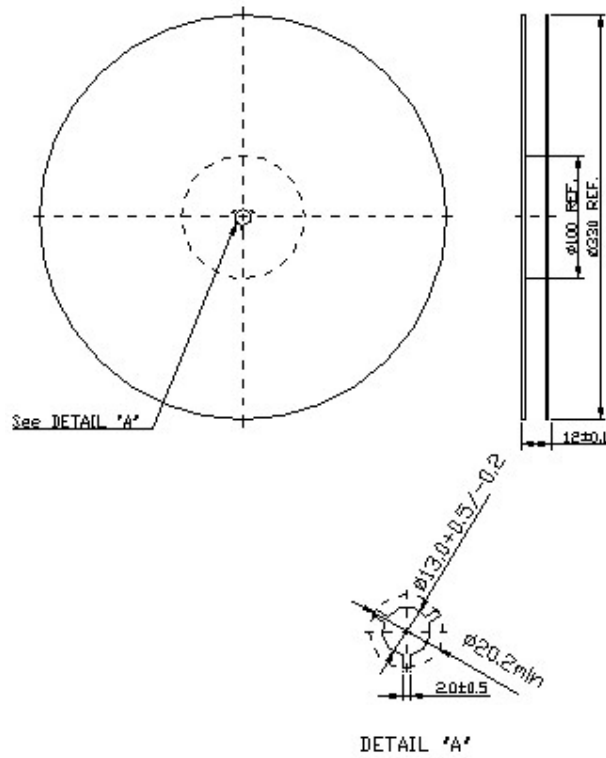
F. OUTLINE DRAWING:



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

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

