



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 881.5MHz

TST Parts No.:TA0184A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2002/12/10



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SAW Filter 881.5 MHz

MODEL NO.: TA0184A

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 15 dB_m
2. DC voltage: -5 ~ +5 V
3. Operating Temperature: -25°C to +80°C
4. Storage Temperature: -40°C to +85°C

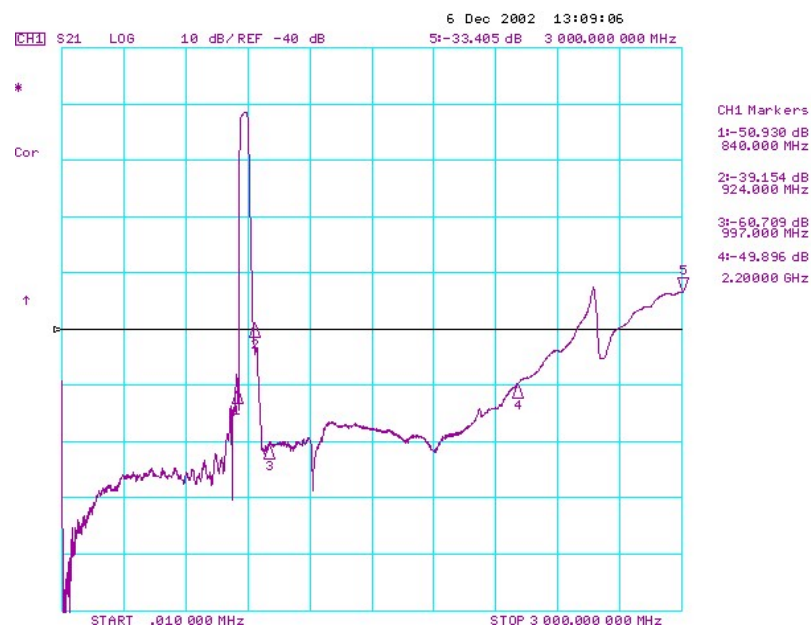
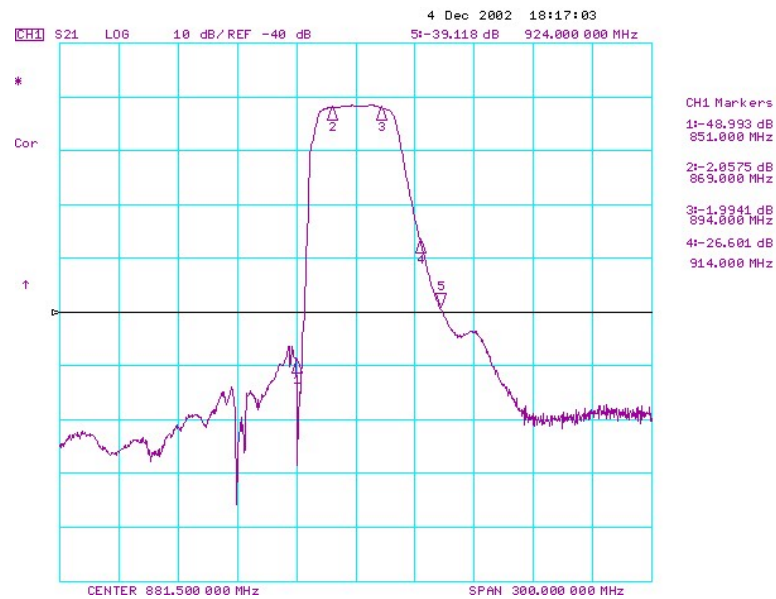
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item				Min.	Typ.	Max.
Center frequency		Fc	MHz	-	881.5	-
Insertion loss	869 ~ 894 MHz	IL	(dB)	-	2.1	2.8
Amplitude ripple	869 ~ 894 MHz		(dB)	-	0.6	1.2
Return loss	869 ~ 894 MHz			9.0	12.0	-
Attenuation (Reference level from 0 dB)						
	D.C. ~ 840 MHz		(dB)	45	50	-
	840 ~ 851 MHz		(dB)	38	45	-
	914 ~ 924 MHz		(dB)	20	26	-
	924 ~ 950 MHz		(dB)	34	39	-
	950 ~ 997 MHz		(dB)	35	48	-
	997 ~ 2200 MHz		(dB)	40	48	-
	2200 ~ 3000 MHz		(dB)	27	33	-
Tx band suppression	824 ~ 849 MHz		(dB)	38	45	-
Source impedance		Z_s	(Ω)	-	50	-
Load impedance		Z_L	(Ω)	-	50	-

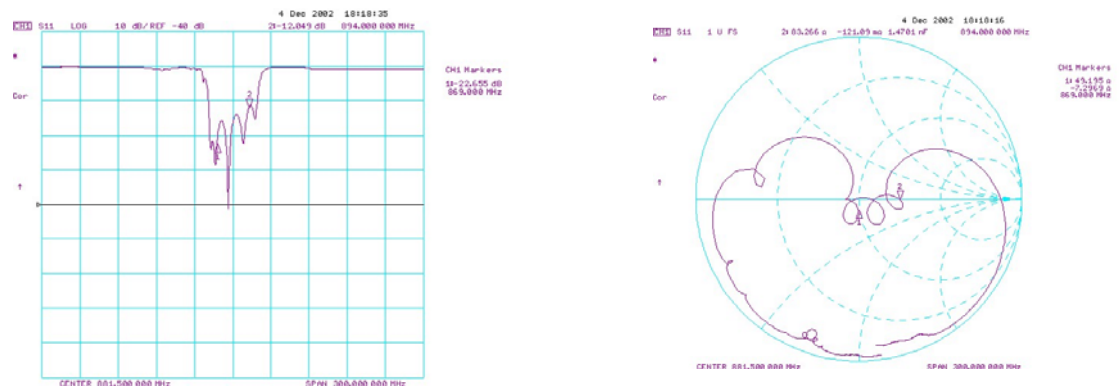
Note1. No matching network required for operation at 50 Ω

C. Frequency Characteristics :

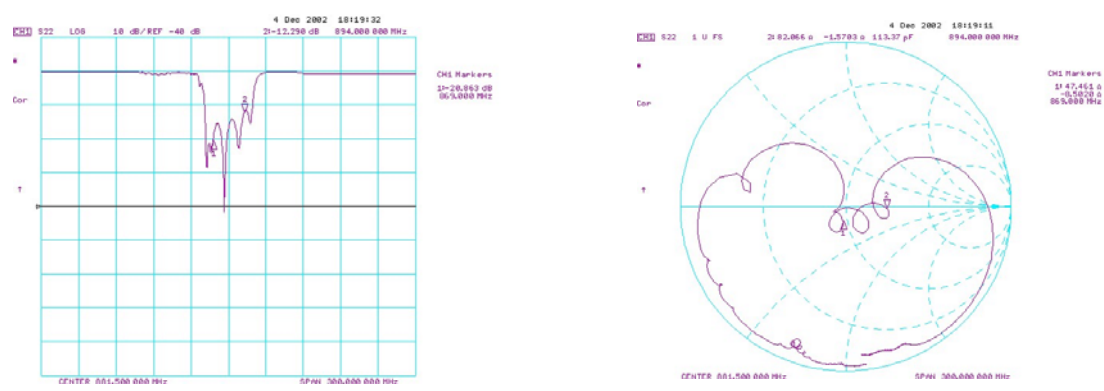


D.Reflections Functions :

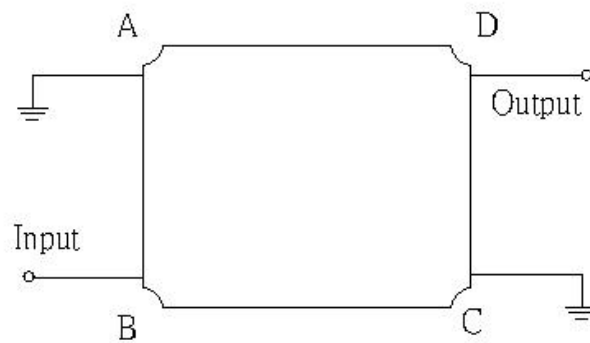
S11:



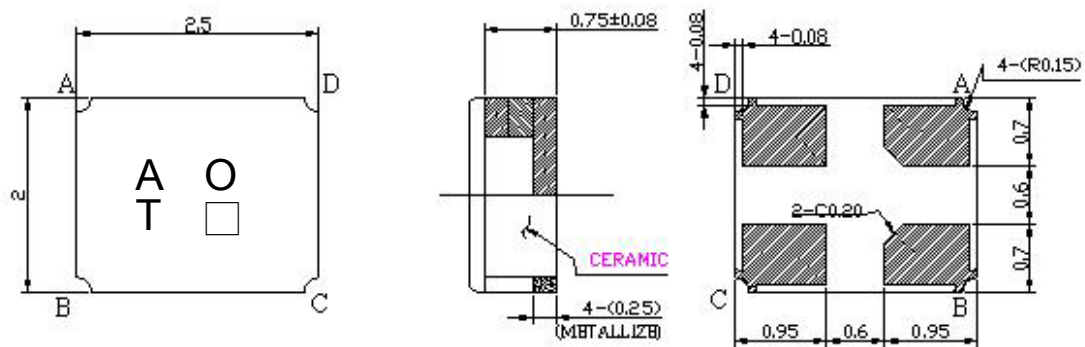
S22:



E. MEASUREMENT CIRCUIT:



F.OUTLINE DRAWING:



B : Input

D : Output

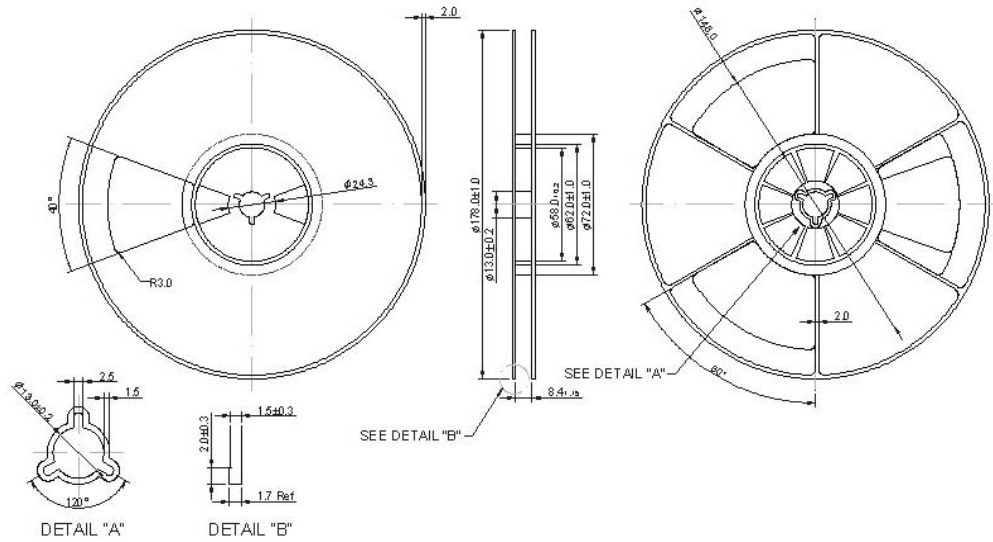
A, C : Ground

□ : Date Code

Unit : mm

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

