



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 914.5MHz SMD 3.8×3.8mm

TST Parts No.:TA0380A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2004/08/03



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SAW Filter 914.5 MHz

MODEL NO.: TA0380A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -20°C to 65°C
4. Storage Temperature: -40°C to +85°C

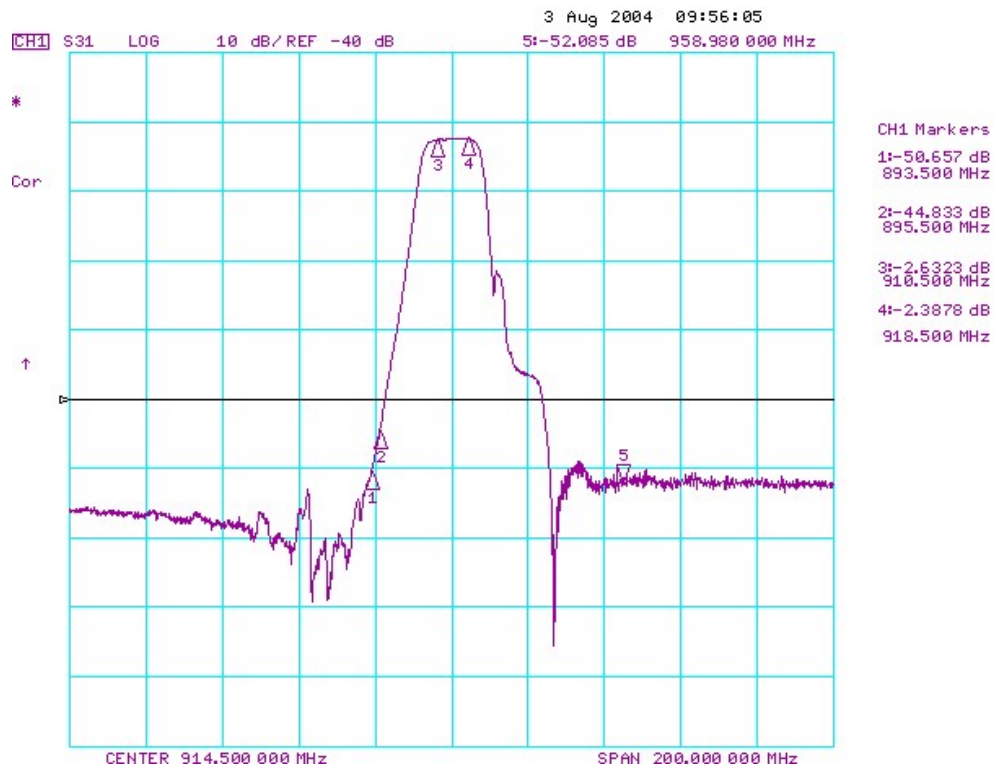
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

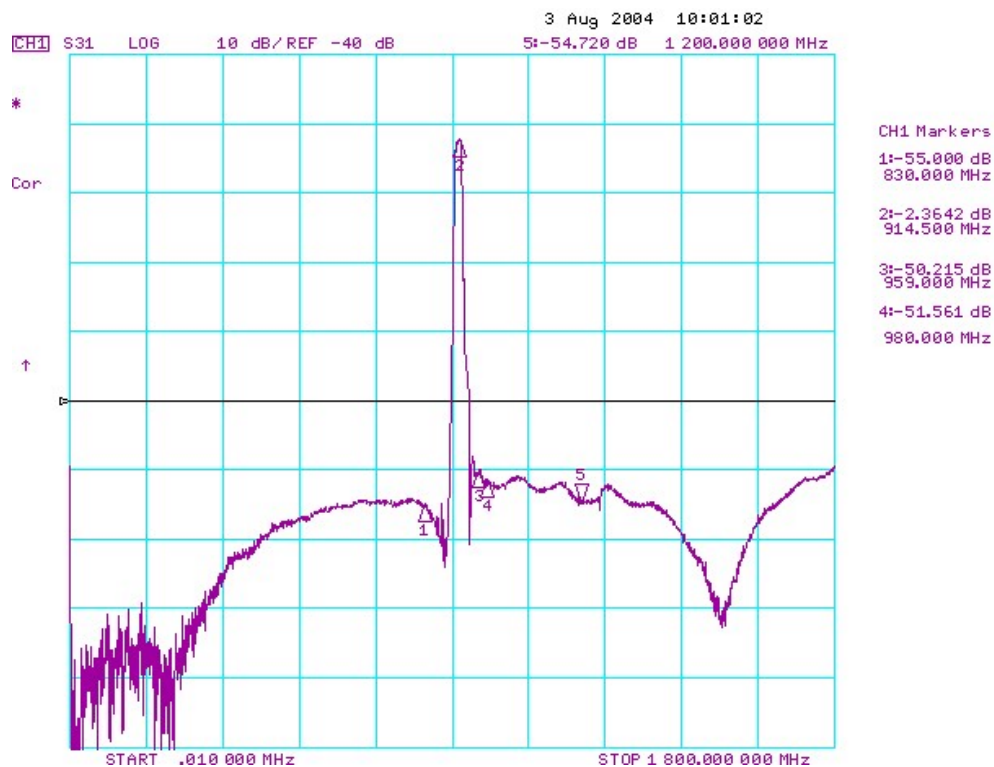
Item			Min.	Typ.	Max.
Center frequency	Fc	MHz	-	914.5	-
Insertion loss	910.5 ~ 918.5 MHz	IL _{max} (dB)	-	2.8	4.0
Amplitude ripple	910.5 ~ 918.5 MHz	(dB)	-	0.5	2.0
Attenuation (Relative to IL _{max})					
10.0 ~ 830.0	MHz	(dB)	45	52	-
830.0 ~ 893.5	MHz	(dB)	36	46	-
893.5 ~ 895.5	MHz	(dB)	27	41	-
959.0 ~ 980.0	MHz	(dB)	32	46	-
980.0 ~ 1200.0	MHz	(dB)	42	47	-
Source impedance	Zs	(Ω)	-	50	-
Load impedance	ZL	(Ω)	-	50	-

Note1. No matching network required for operation at 50Ω

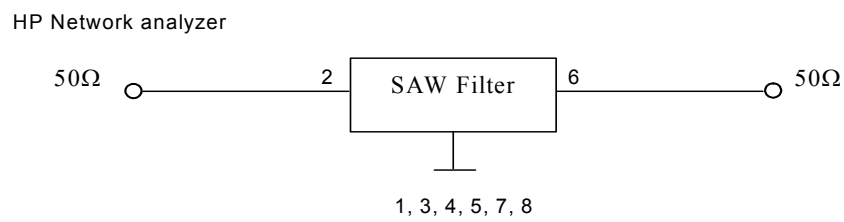
C. Transfer Function :



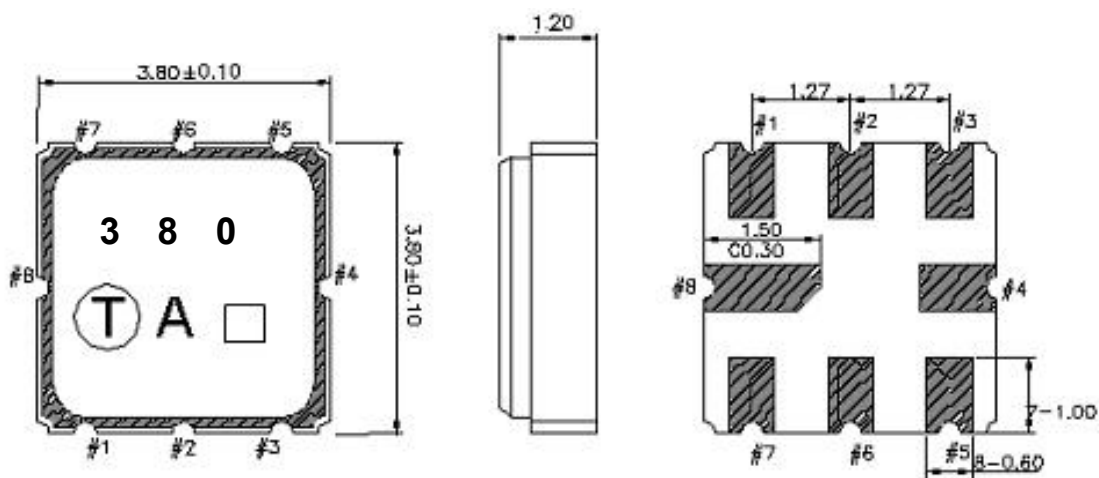
Wideband



D. MEASUREMENT CIRCUIT:

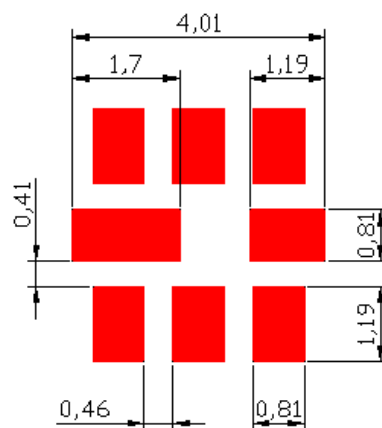


E. OUTLINE DRAWING:



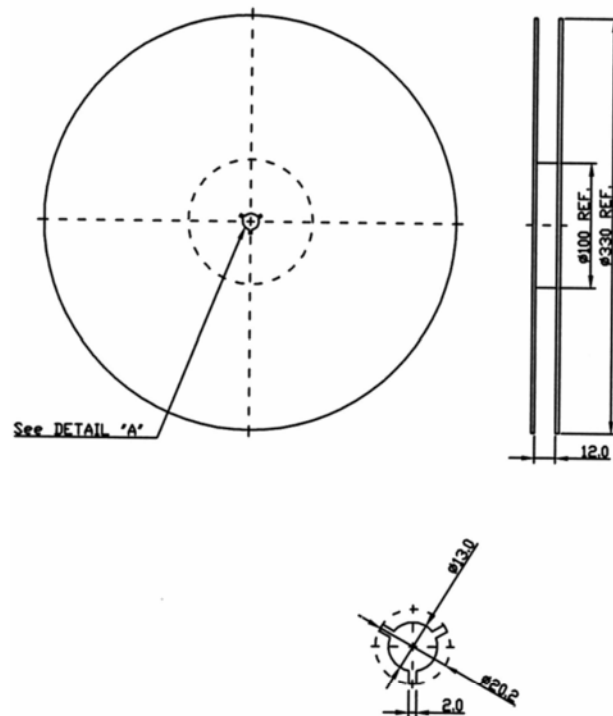
#2 : Input
 #6: Output
 #1,3,4,5,7,8: Ground
 □ : Date Code
 Unit: mm

F. PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

