



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 821.5MHz SMD 3.0×3.0mm

TST Parts No.:TA0558A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Asin Lin

Approval by:_____ Francis Chen

Date:_____ 2006/04/25



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SAW Filter 821.5 MHz

MODEL NO.: TA0558A

V1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

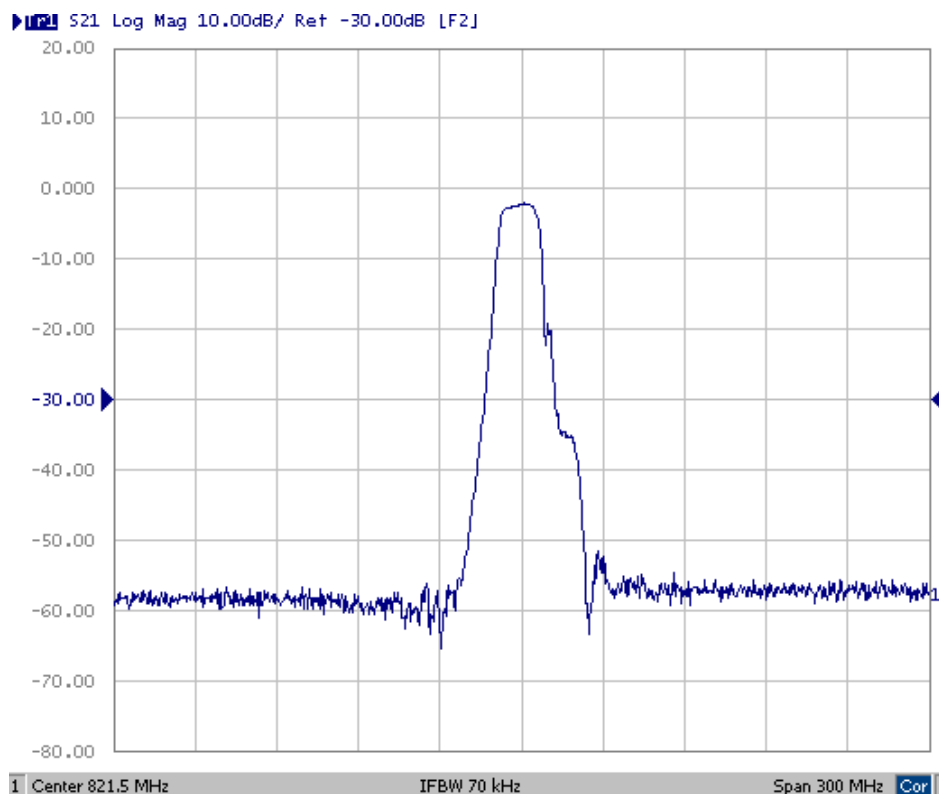
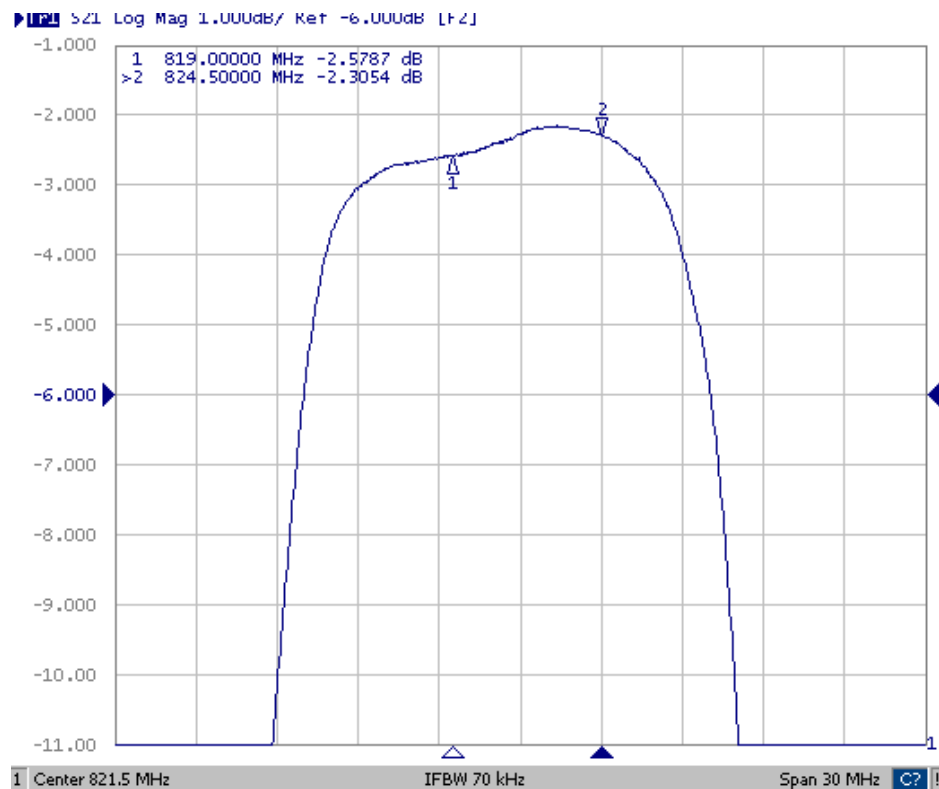
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

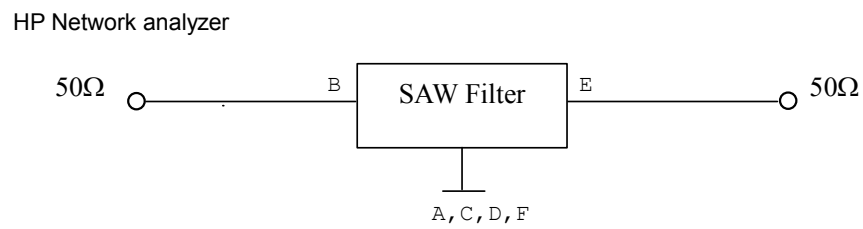
Item			Min.	Typ.	Max.
Center frequency	F _c	MHz	-	821.5	-
Insertion loss	819 ~ 824.5 MHz IL	dB	-	2.6	4.2
Amplitude ripple	819 ~ 824.5 MHz	dB	-	0.7	1.5
Attenuation (Reference level from 0dB)					
729.0 ~ 734.0	MHz	dB	40	50	-
774.0 ~ 779.0	MHz	dB	40	50	-
796.5 ~ 801.5	MHz	dB	33	43	-
Source impedance	Z _S	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

Note1. No matching network required for operation at 50Ω

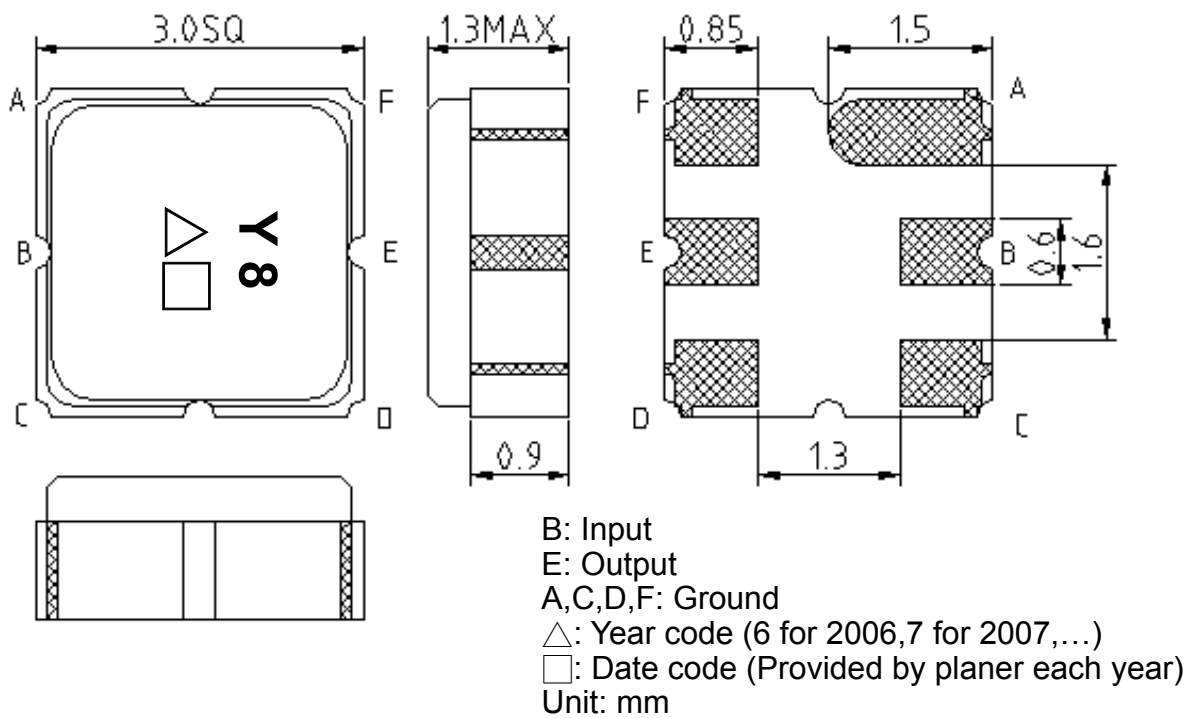
C. Transfer Function :



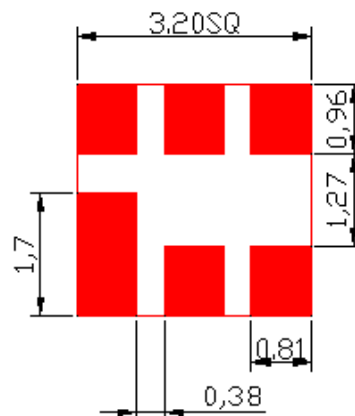
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:

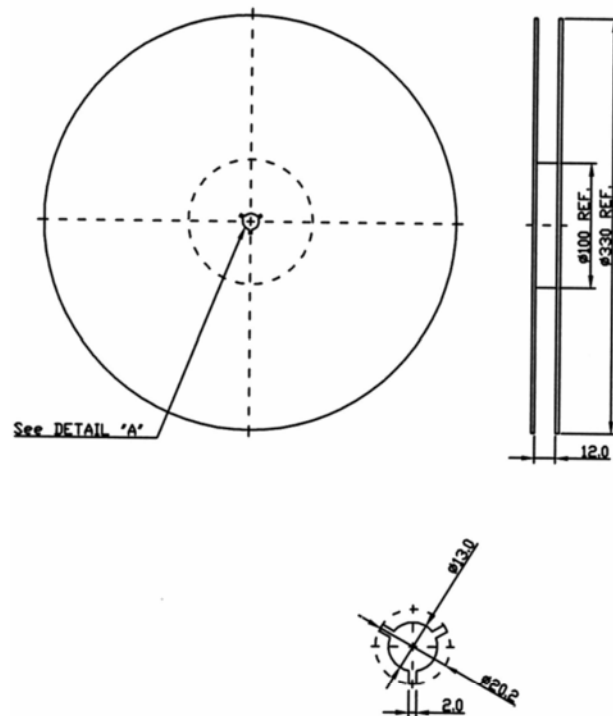


F. PCB FOOTPRINT:

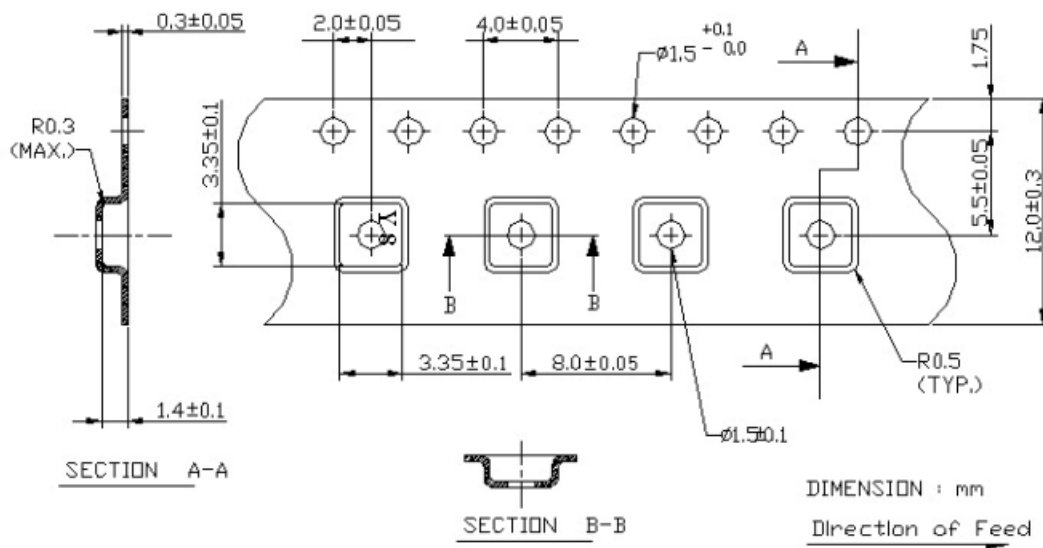


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

