



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 315MHz SMD 3.0×3.0mm

TST Parts No.:TA0579A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Asin Lin

Approval by:_____ Francis Chen

Date:_____ 2006/08/02



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SAW Filter 315 MHz

MODEL NO.: TA0579A

V1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 0 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

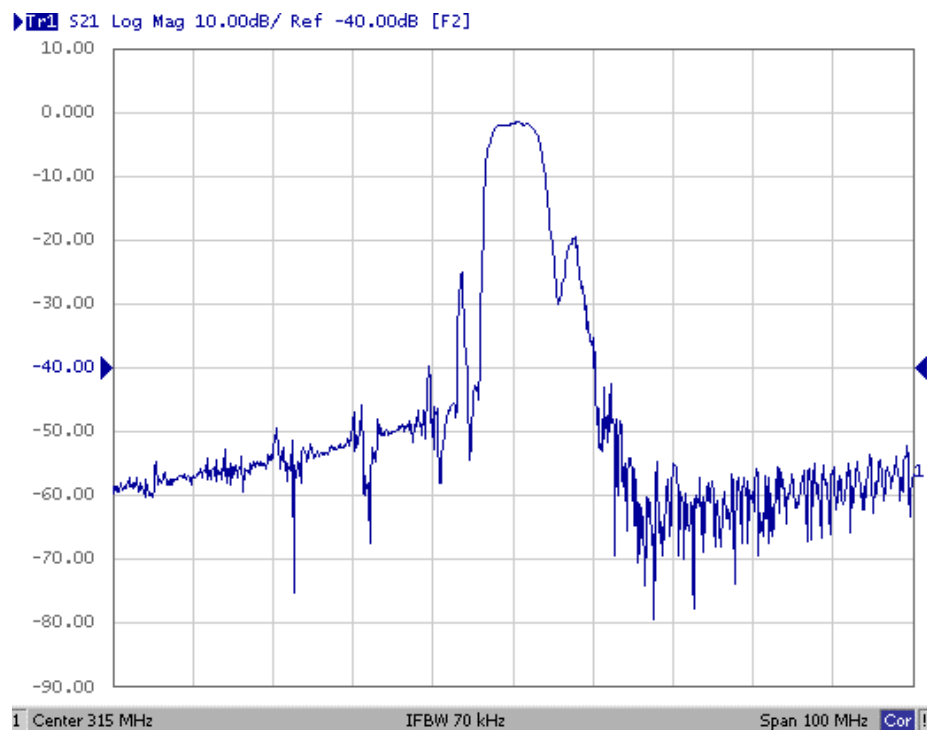
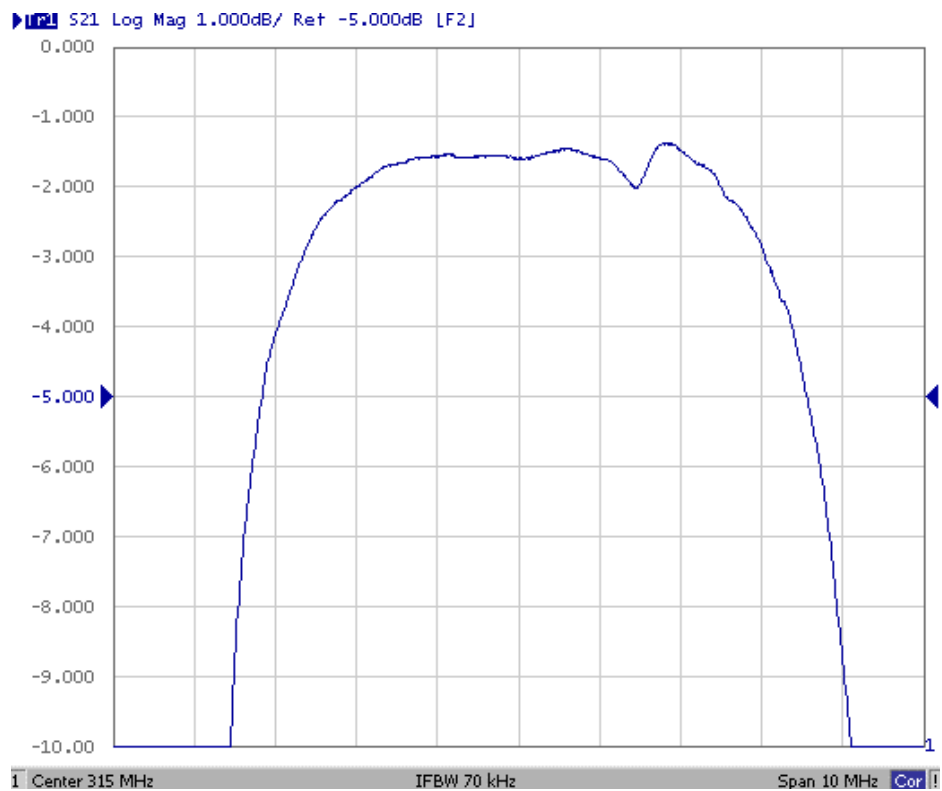
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

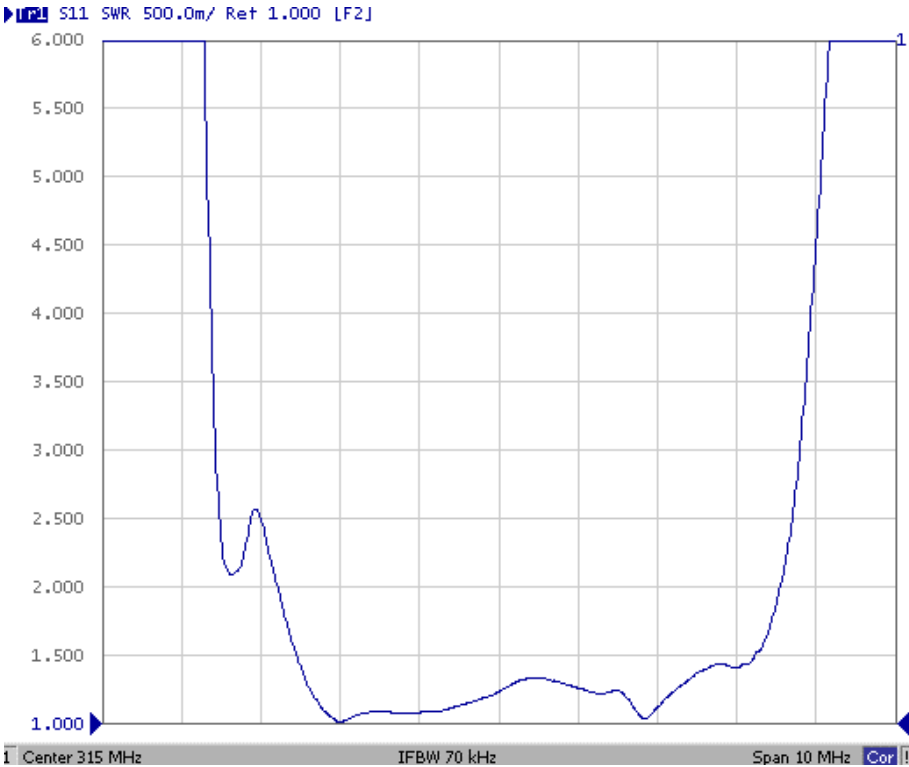
Item				Min.	Typ.	Max.
Center frequency	F _c	MHz		-	315	-
Insertion loss	314.7 ~ 315.3 MHz	IL	dB	-	1.74	2.5
Amplitude ripple	314.7 ~ 315.3 MHz		dB	-	0.25	1.2
VSWR	314.7 ~ 315.3 MHz		dB		1.4	1.6
Attenuation (Reference level from IL dB)						
270.0 ~ 286.0	MHz	dB		45	51	-
293.0 ~ 293.9	MHz	dB		43	49	-
304.0 ~ 304.6	MHz	dB		38	43	-
325.4 ~ 326.0	MHz	dB		24	47	-
336.1 ~ 337.0	MHz	dB		36	55	-
357.5 ~ 358.7	MHz	dB		50	56	-
Source impedance	Z _S	Ω		-	50	-
Load impedance	Z _L	Ω		-	50	-

Note1. No matching network required for operation at 50Ω

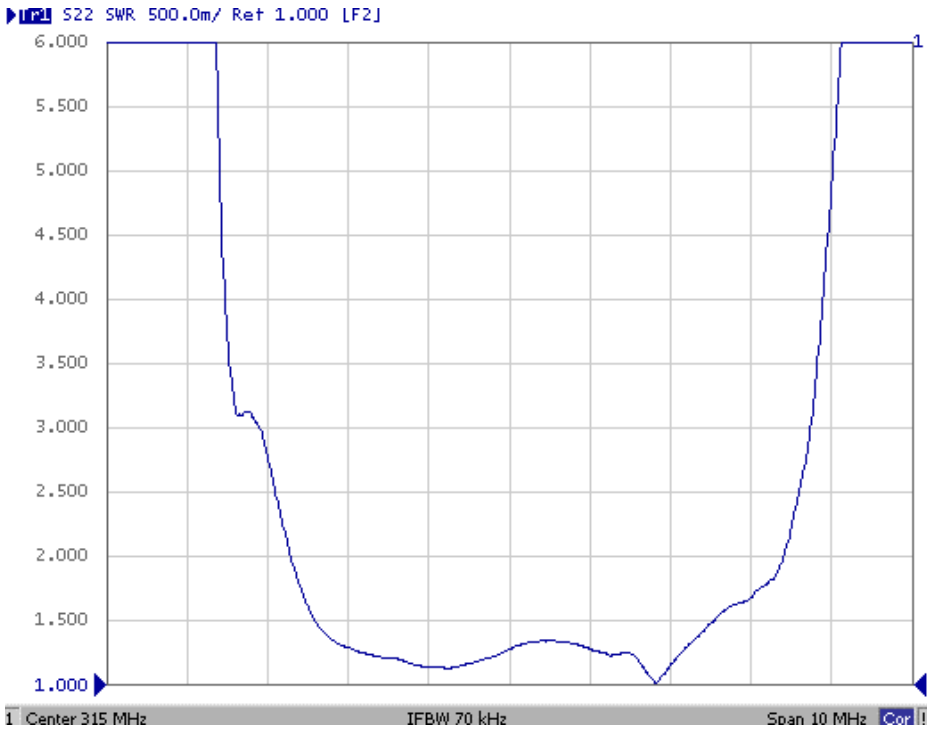
C. Transfer Function :



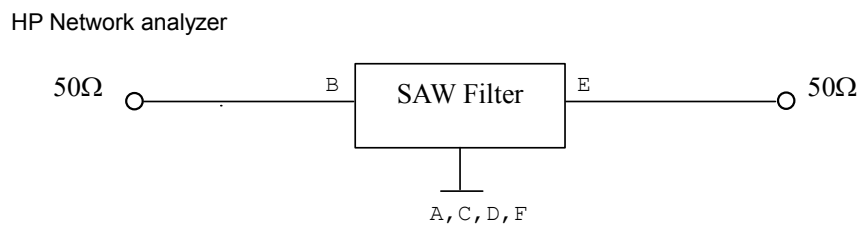
VSWR S11



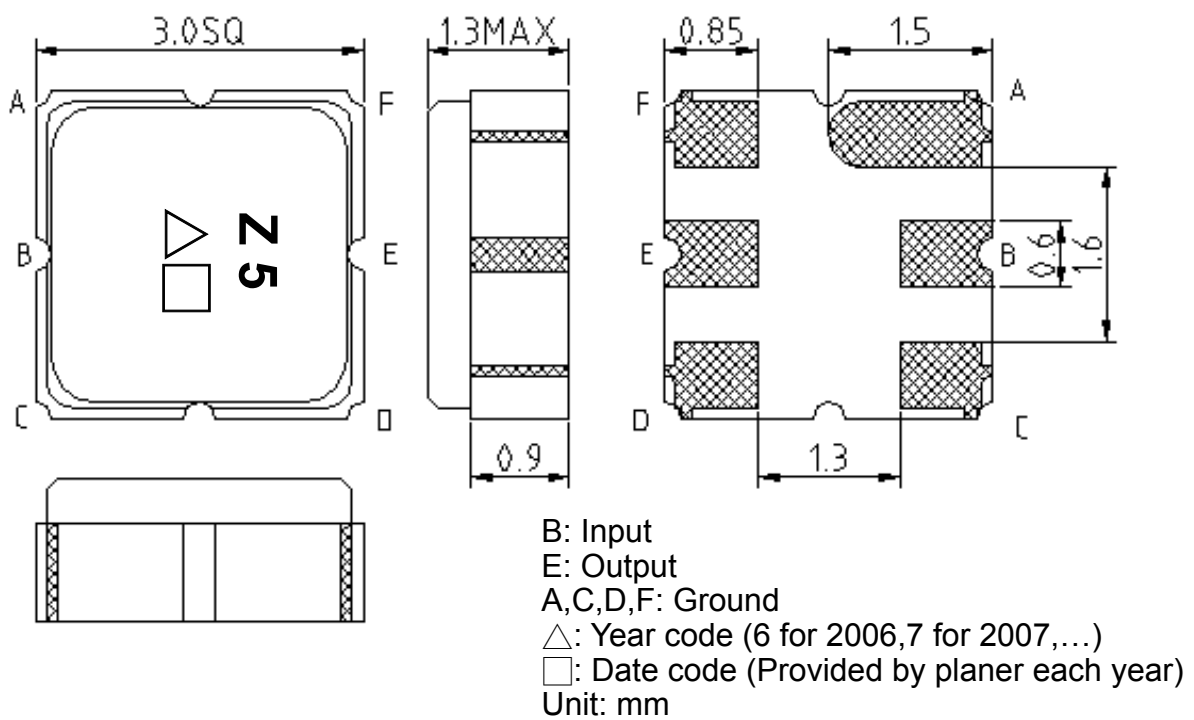
VSWR S22



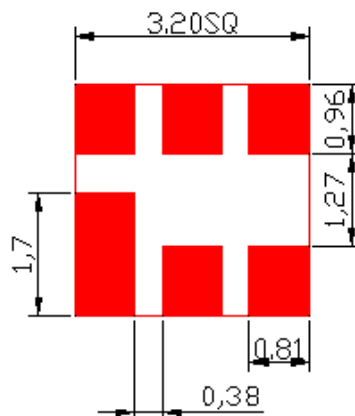
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:

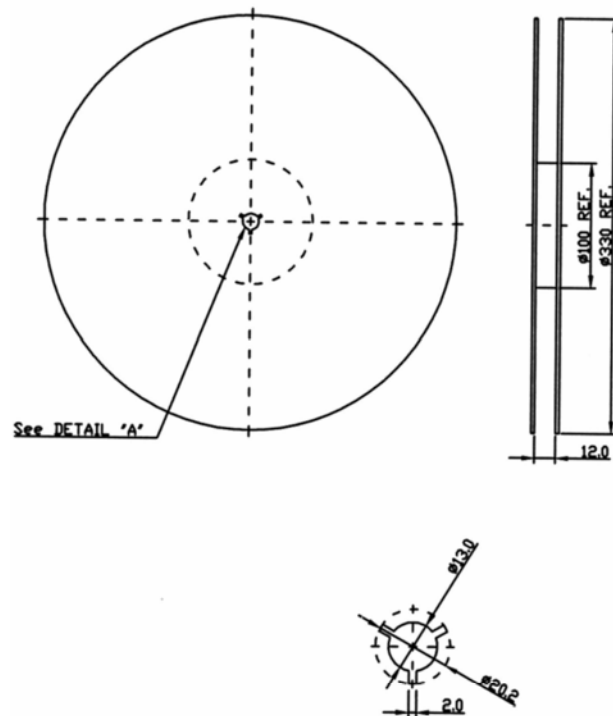


F. PCB FOOTPRINT:

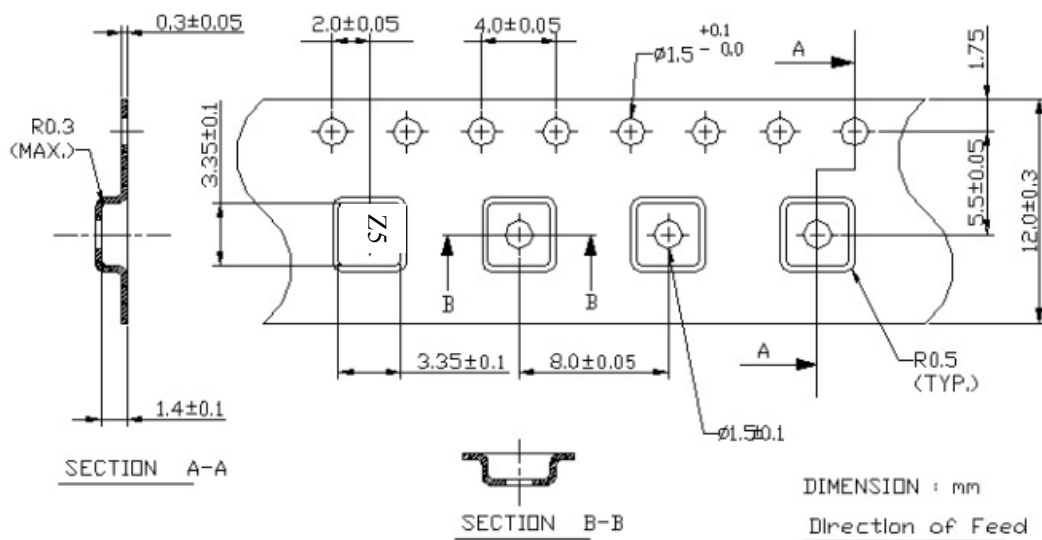


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

