



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 2185MHz SMD 3.0x3.0mm

TST Parts No.:TA0752A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Andy Yu

Approval by:_____ Francis Chen

Date:_____ 2007/9/28



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SAW Filter 2185MHz

MODEL NO.: TA0752A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

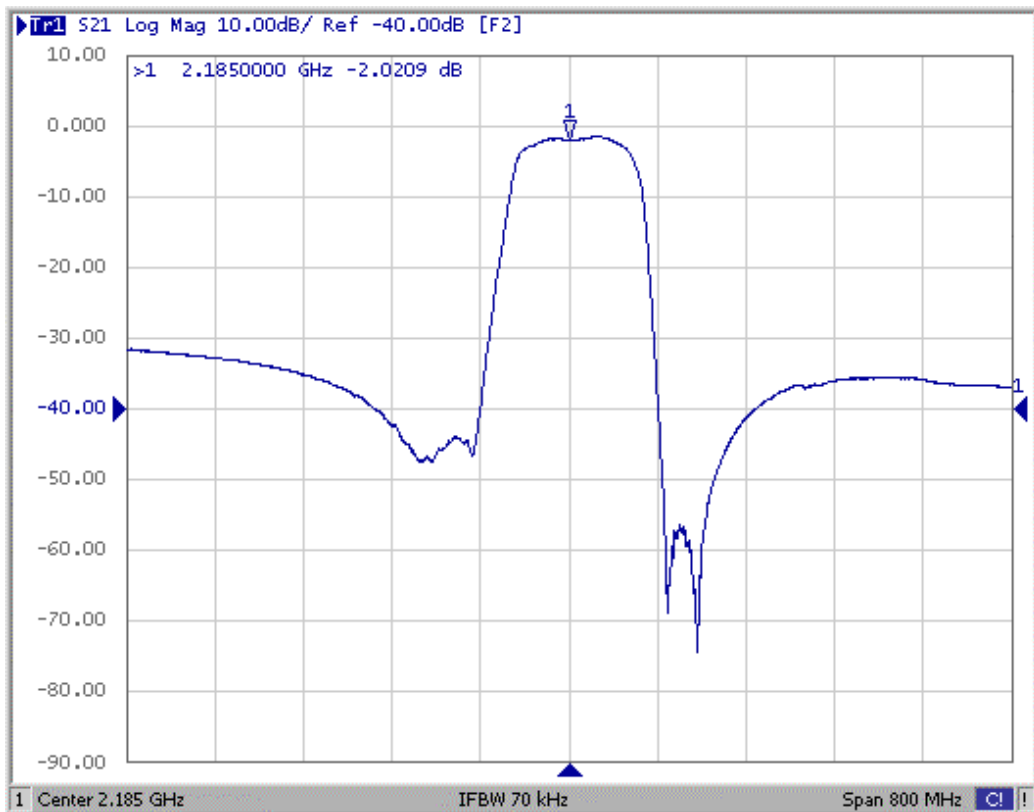
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

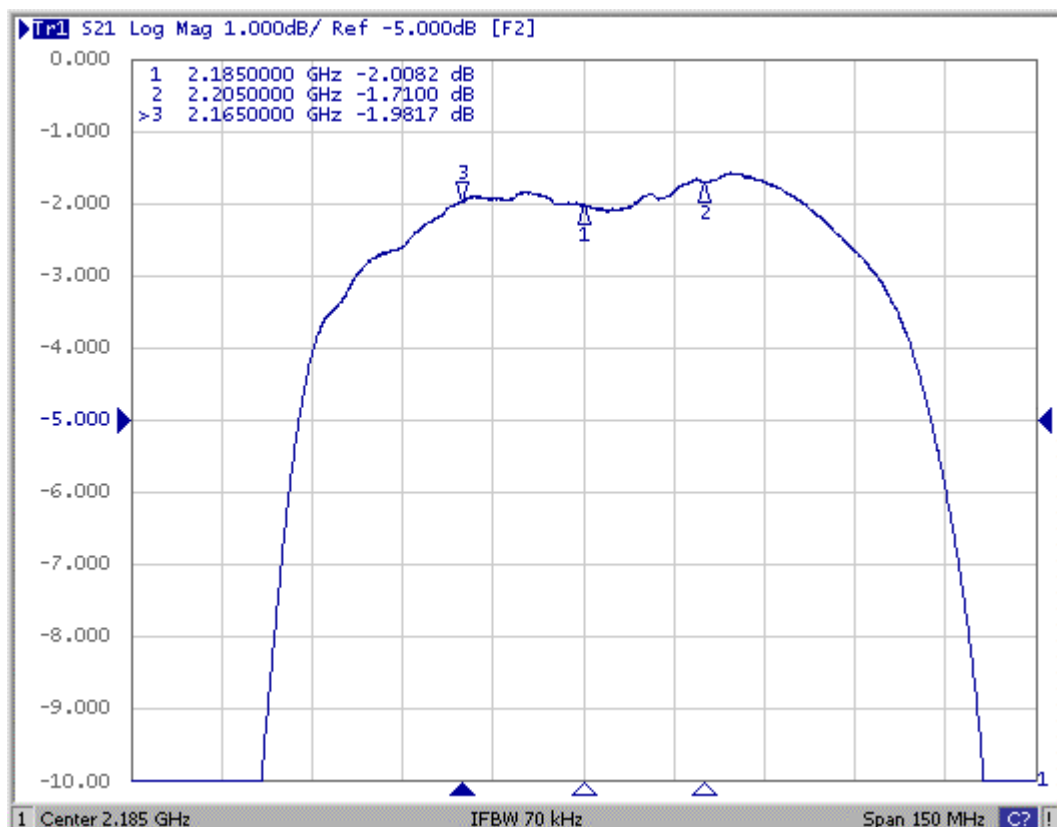
Item		Min.	Typ.	Max.
Center frequency	F _c (MHz)	-	2185	-
Insertion loss within 2170 ~2200 MHz	IL (dB)	-	2.4	4
Amplitude ripple (p-p) within 2170 ~ 2200 MHz	(dB)	-	0.7	2.0
Attenuation (Reference level from 0 dB)				
D.C. ~ 500	MHz (dB)	20	32	-
500 ~ 1950	MHz (dB)	18	28	-
1950 ~ 2090	MHz (dB)	22	33	-
2270 ~ 2350	MHz (dB)	24	36	-
2350 ~ 4000	MHz (dB)	22	34	-
VSWR within 2170 ~2200 MHz		-	1.7	2.5
Source impedance	Z _s (Ω)	-	50	-
Load impedance	Z _L (Ω)	-	50	-

C. Frequency Characteristics :

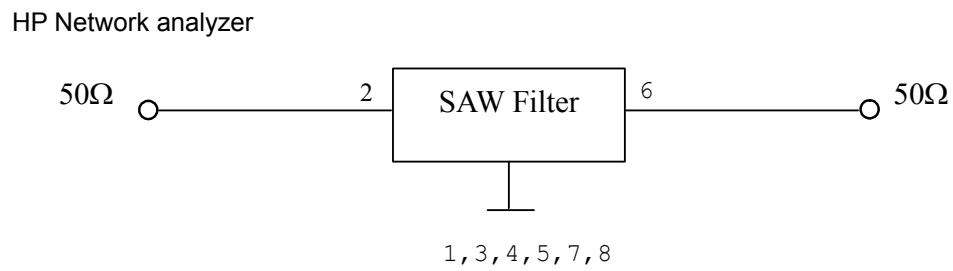
(1) wide band Response:(span 800MHz)



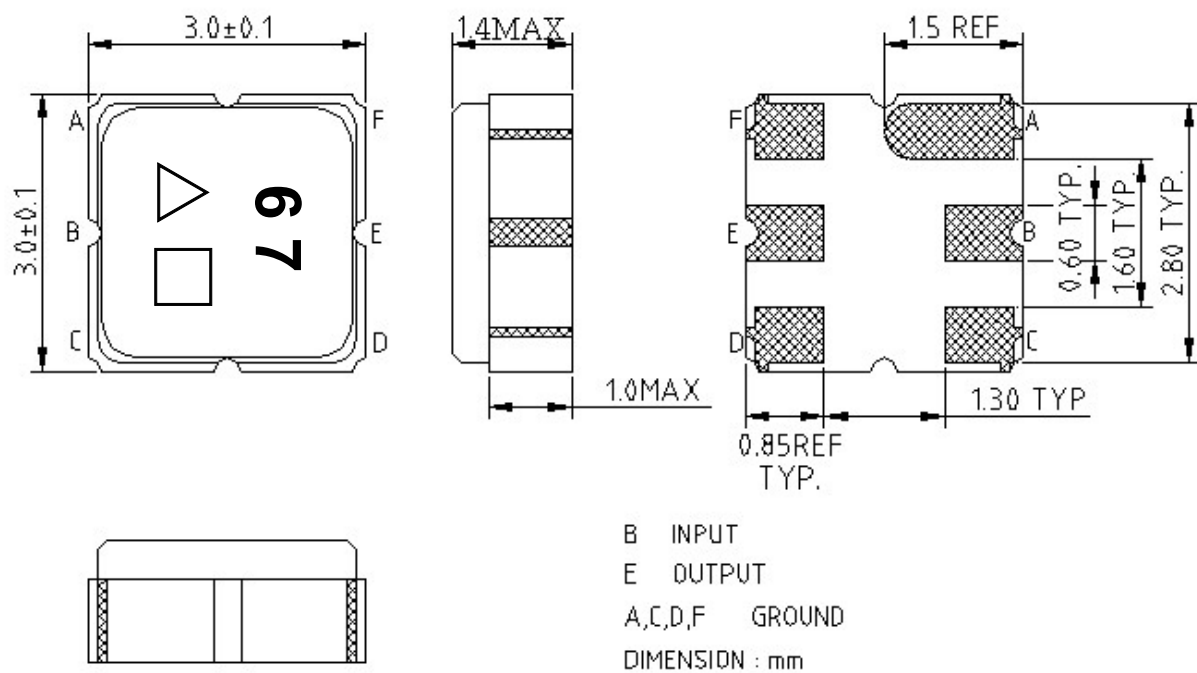
(2) Pass band Response:(span 120MHz)



D. MEASUREMENT CIRCUIT:

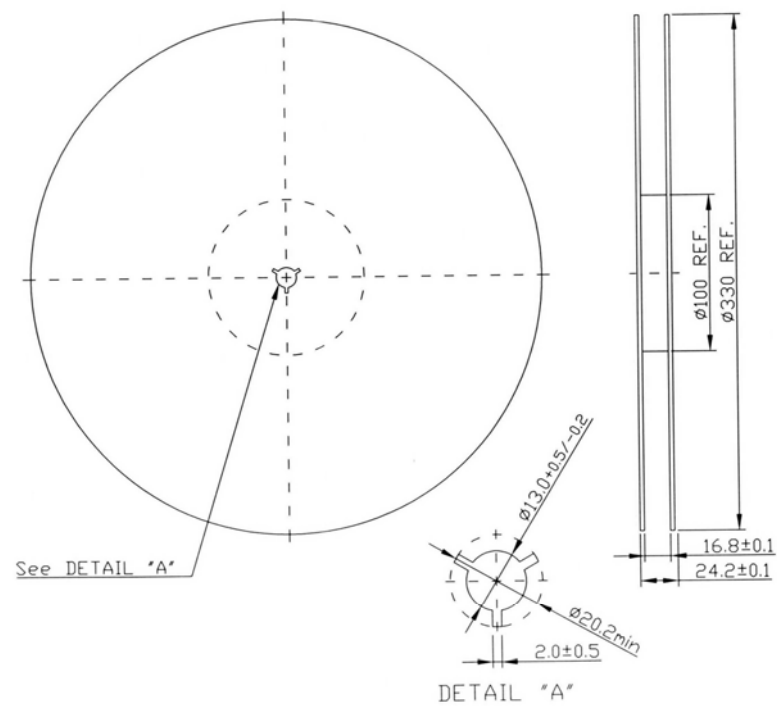


E. OUTLINE DRAWING:



F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

