



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 743MHz SMD 5.0×5.0 mm

TST Parts No.:TA0343A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2004/05/27



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SAW Filter 743 MHz

MODEL NO.: TA0343A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 12 dB_m
2. DC voltage: 10 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

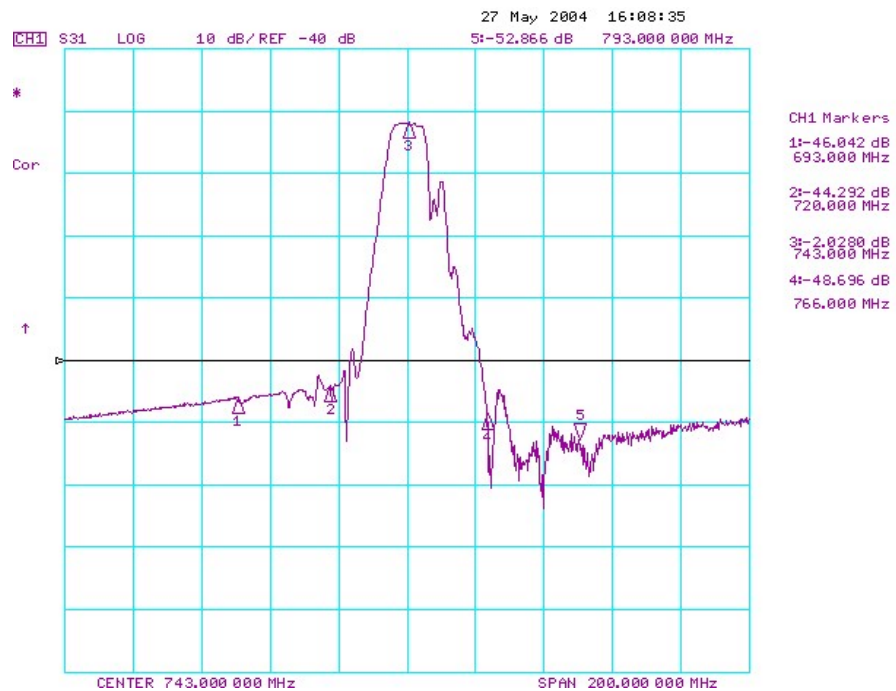
B. ELECTRICAL CHARACTERISTICS:

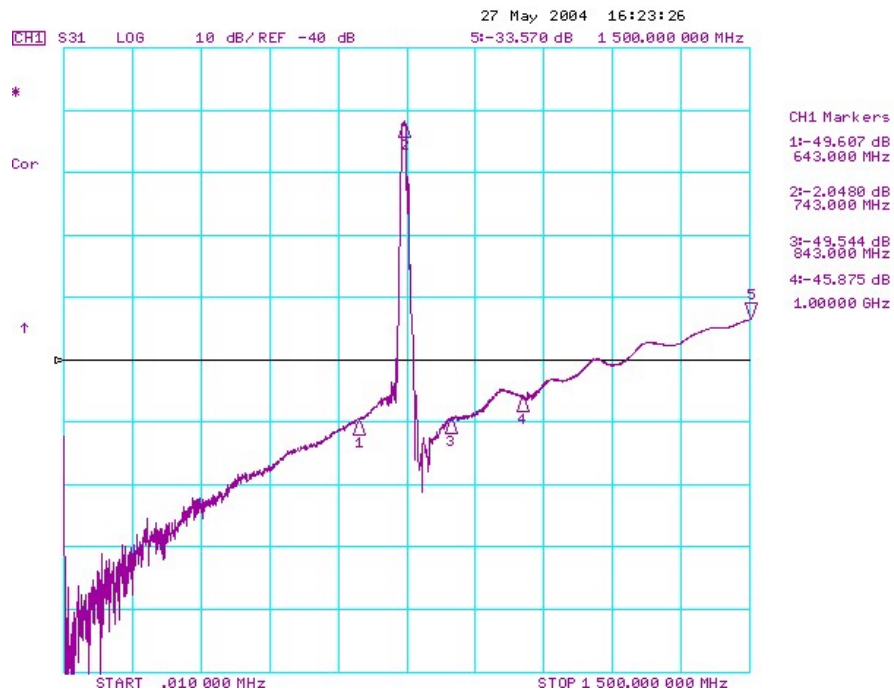
Reference temperature: 25°C

Item				Min.	Typical	Max.
Center frequency		Fc	MHz	-	743	-
Insertion loss	740 ~ 746 MHz	IL	dB	-	2.6	4.5
Amplitude ripple	740 ~ 746 MHz		dB	-	0.7	
Absolute Attenuation						
0 ~ 643	MHz		dB	43	49	-
643 ~ 693	MHz		dB	40	46	-
693 ~ 720	MHz		dB	35	42	-
766 ~ 793	MHz		dB	35	45	-
793 ~ 843	MHz		dB	40	49	-
843 ~ 1000	MHz		dB	38	45	-
1000 ~ 1500	MHz		dB	25	33	-
Group Delay Variation (p-p)			ns	-	45	-
Temperature coefficient of frequency			ppm/°C		-35	
Source impedance		Zs	Ω	-	50	-
Load impedance		ZL	Ω	-	50	-

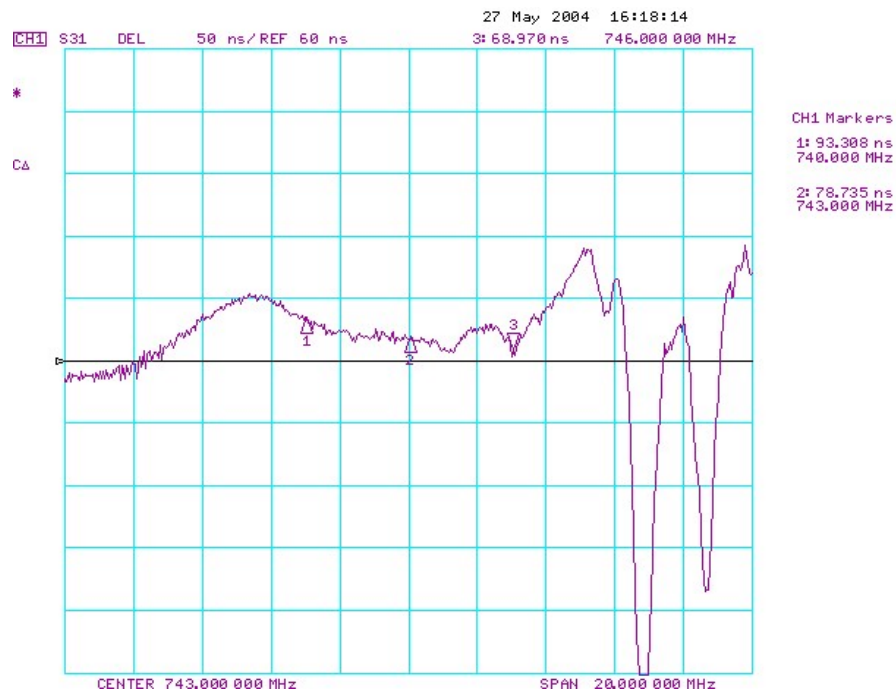
C. Frequency Characteristics :

Transfer Function:

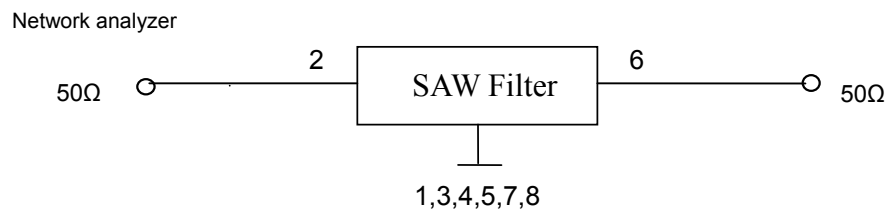




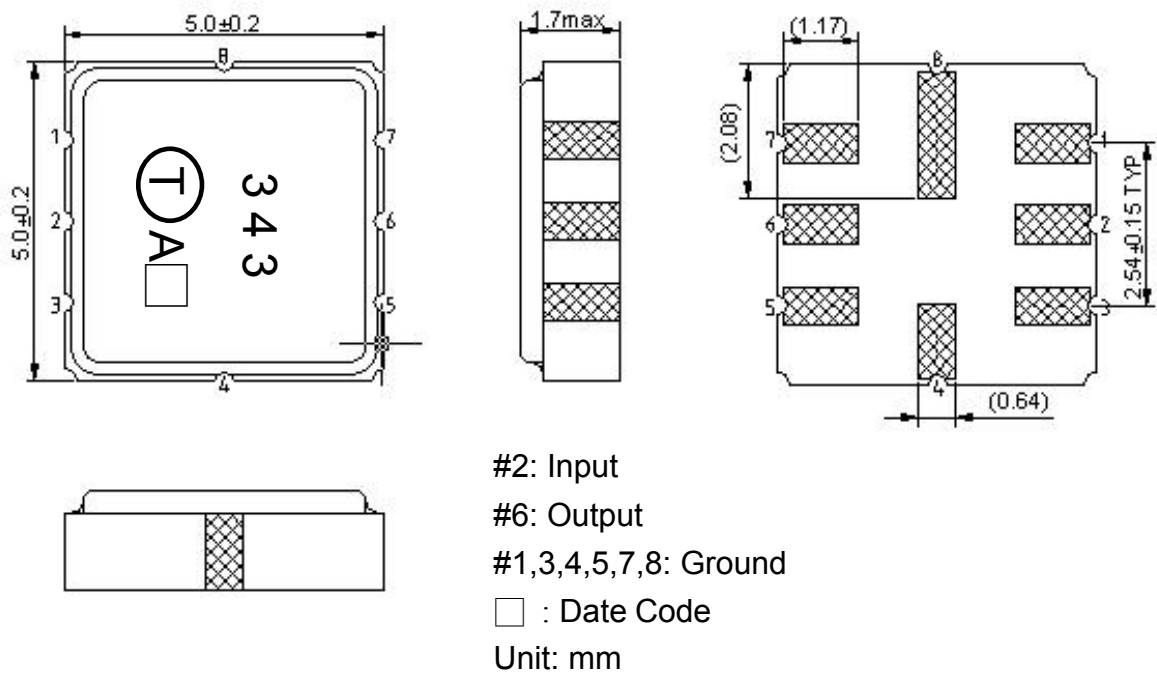
Group Delay:



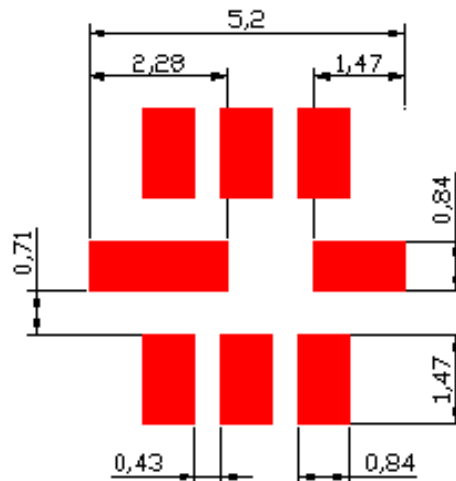
D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:

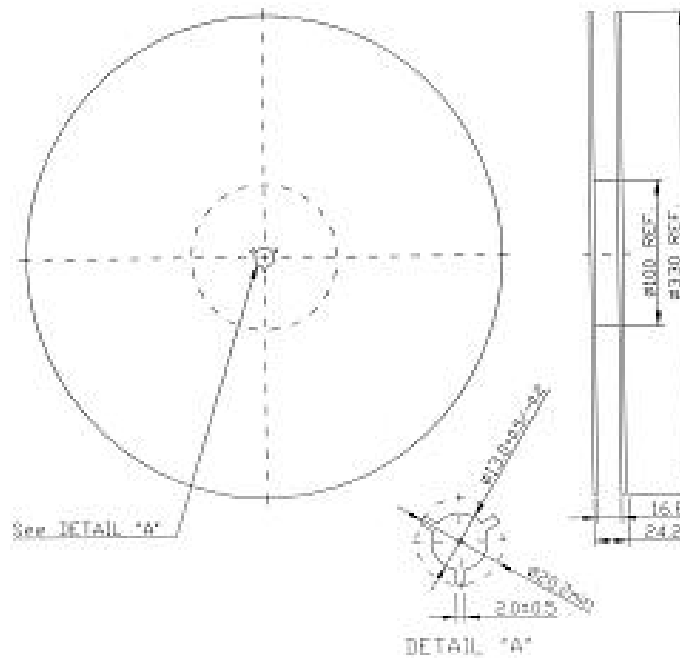


F.PCB Footprint:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

