



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 713MHz SMD 5.0×5.0 mm

TST Parts No.:TA0342A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2004/05/31



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SAW Filter 713 MHz

MODEL NO.: TA0342A

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

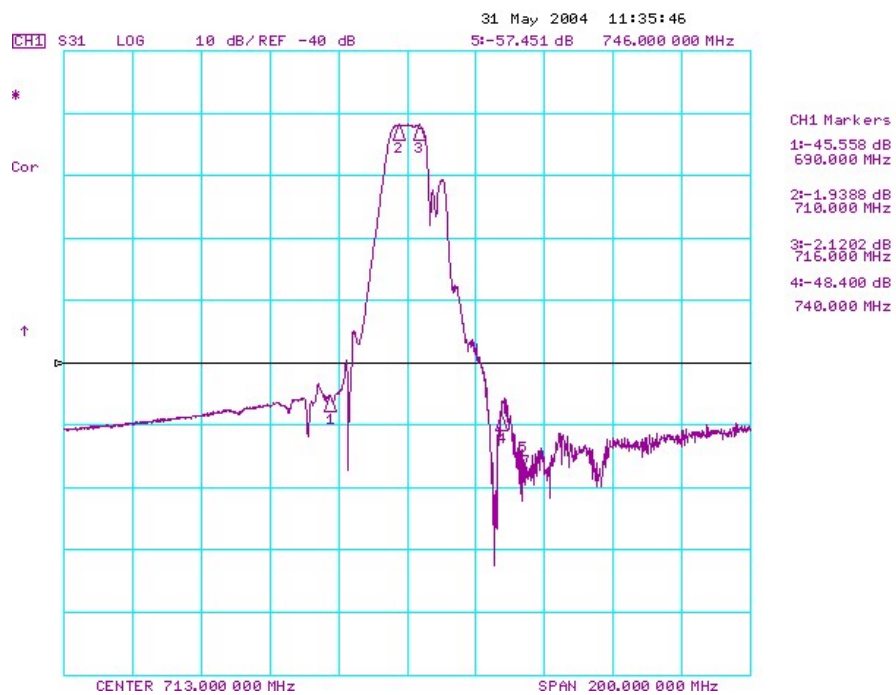
B. ELECTRICAL CHARACTERISTICS:

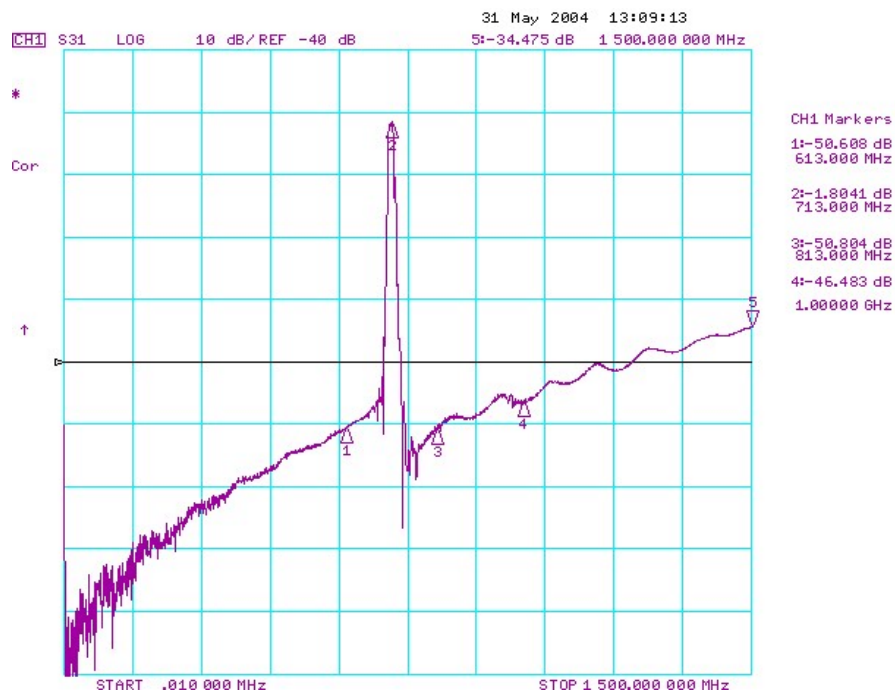
Reference temperature: 25°C

Item				Min.	Typical	Max.
Center frequency		Fc	MHz	-	713	-
Insertion loss	710 ~ 716 MHz	IL	dB	-	2.4	4.5
Amplitude ripple	710 ~ 716 MHz		dB	-	0.5	-
Absolute Attenuation						
0 ~ 613	MHz		dB	44	50	-
613 ~ 663	MHz		dB	40	48	-
663 ~ 690	MHz		dB	35	43	-
740 ~ 746	MHz		dB	35	46	-
763 ~ 813	MHz		dB	40	50	-
813 ~ 1000	MHz		dB	38	45	-
1000 ~ 1500	MHz		dB	25	34	-
Group Delay Variation (p-p)			ns	-	40	-
Temperature coefficient of frequency			ppm/°C		-35	
Source impedance		Z_s	Ω	-	50	-
Load impedance		Z_L	Ω	-	50	-

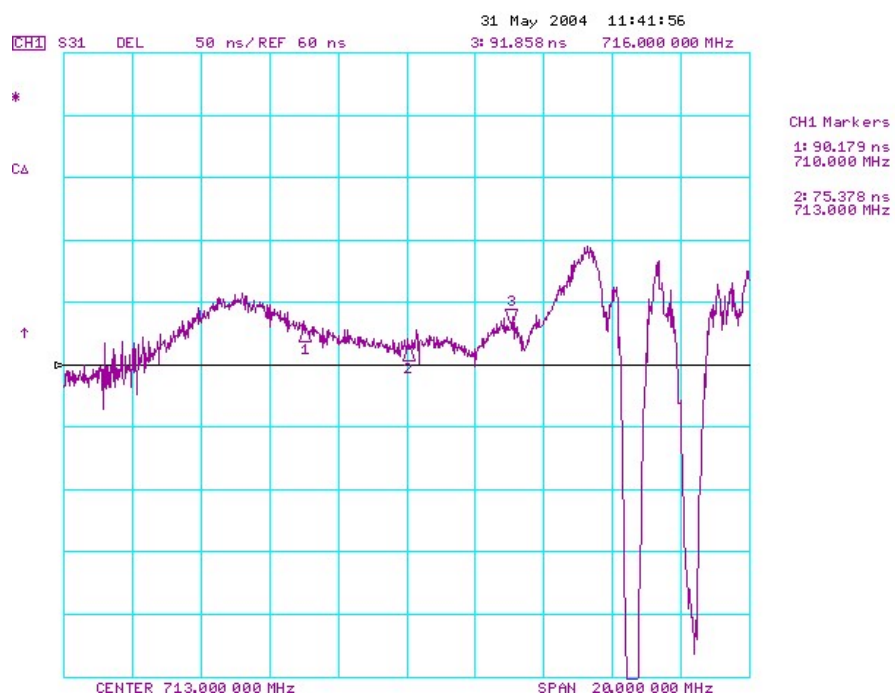
C. Frequency Characteristics :

Transfer Function:

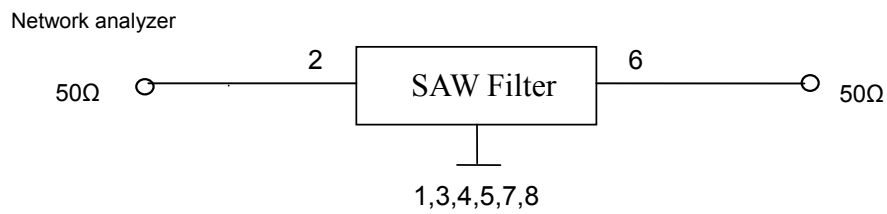




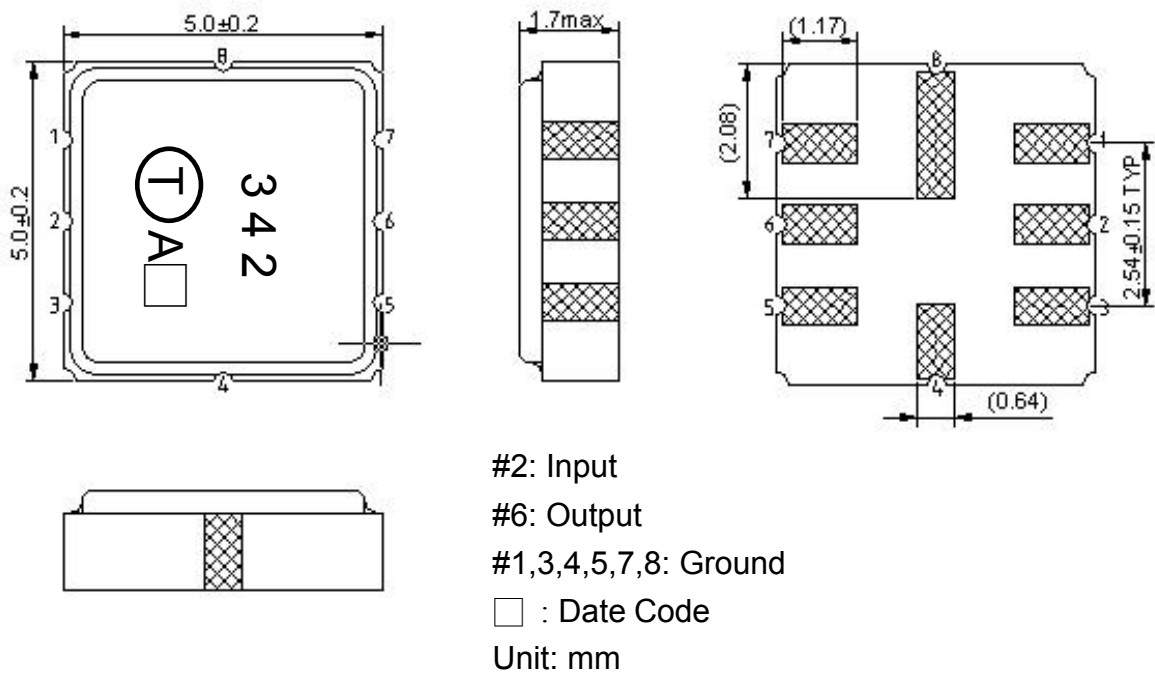
Group Delay Variation:



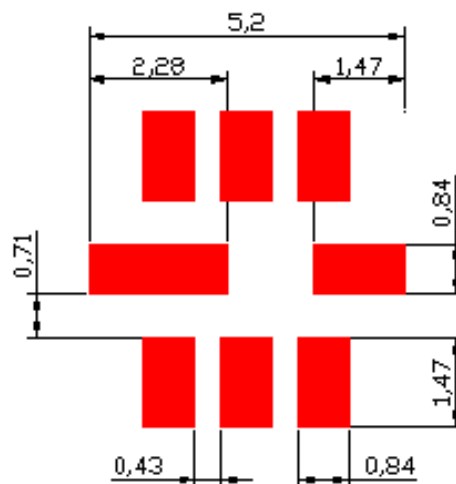
D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:

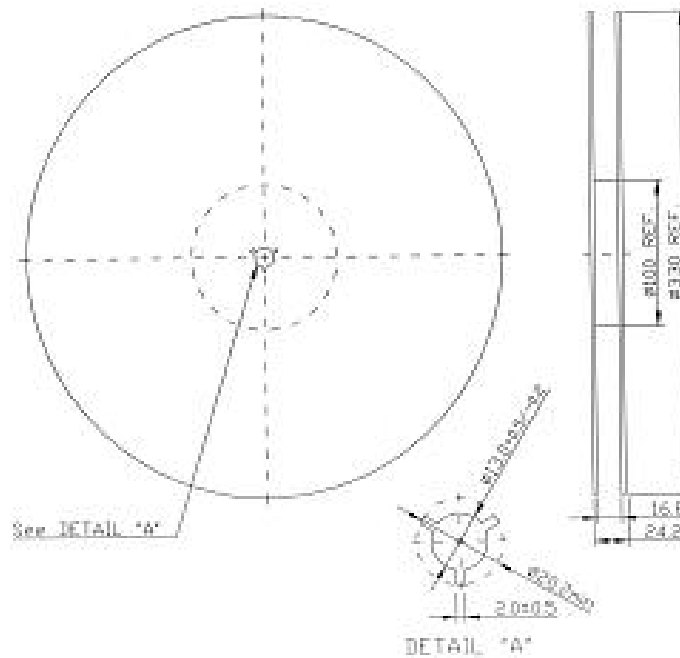


F.PCB Footprint:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

