



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 433.42MHz SMD5X5mm

TST Parts No.: TA0293A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Jacky Huang

Approval by: _____ Francis Chen

Date: _____ 2003/9/5



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SAW Filter 433.42 MHz

MODEL NO.: TA0293A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
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

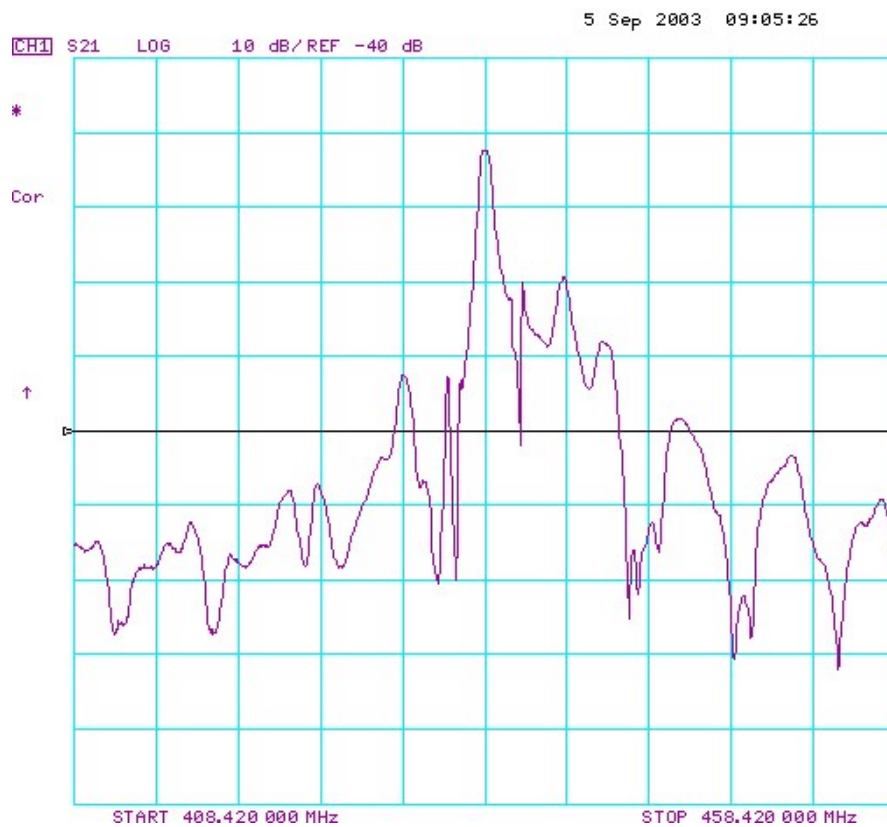
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: TA = -40 to 85°C

Item	Min.	Typ.	Max.	Note
Center frequency F_C (MHz)	-	433.42	-	1
Minimum I.L. (433.3~433.62 MHz) (dB) IL_{min}	-	2.2	4.0	
Pass band (relative to IL_{min})				
433.26~433.58 MHz (dB)	-	-	2.0	1
433.24~433.60 MHz (dB)	-	-	3.0	
433.18~433.66 MHz (dB)	-	-	6.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	-	680	-	
Attenuation:(relative to IL_{min}) (dB)				
10~413.5 MHz (dB)	45	48	-	1
413.5~427 MHz (dB)	40	43	-	
427~432.34 MHz (dB)	20	25	-	
434.42~441.5 MHz (dB)	10	15	-	
441.5~549.5 MHz (dB)	33	38	-	
549.5~1000 MHz (dB)	45	50	-	
Impedance at F_C ; Input $Z_{IN}=R_{IN}/C_{IN}$ Output $Z_{OUT}=R_{OUT}/C_{OUT}$		227 Ω // 3.3 pF 227 Ω // 3.3 pF		
Turnover To (deg.C)		25 typ.		

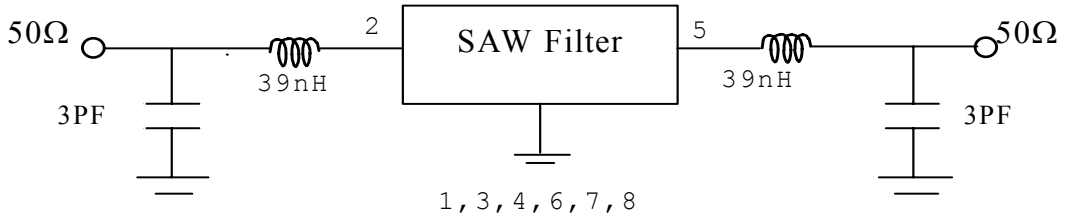
Note1. The standard definitions is in JIS C 6703

C. FREQUENCY CHARACTERISTICS:

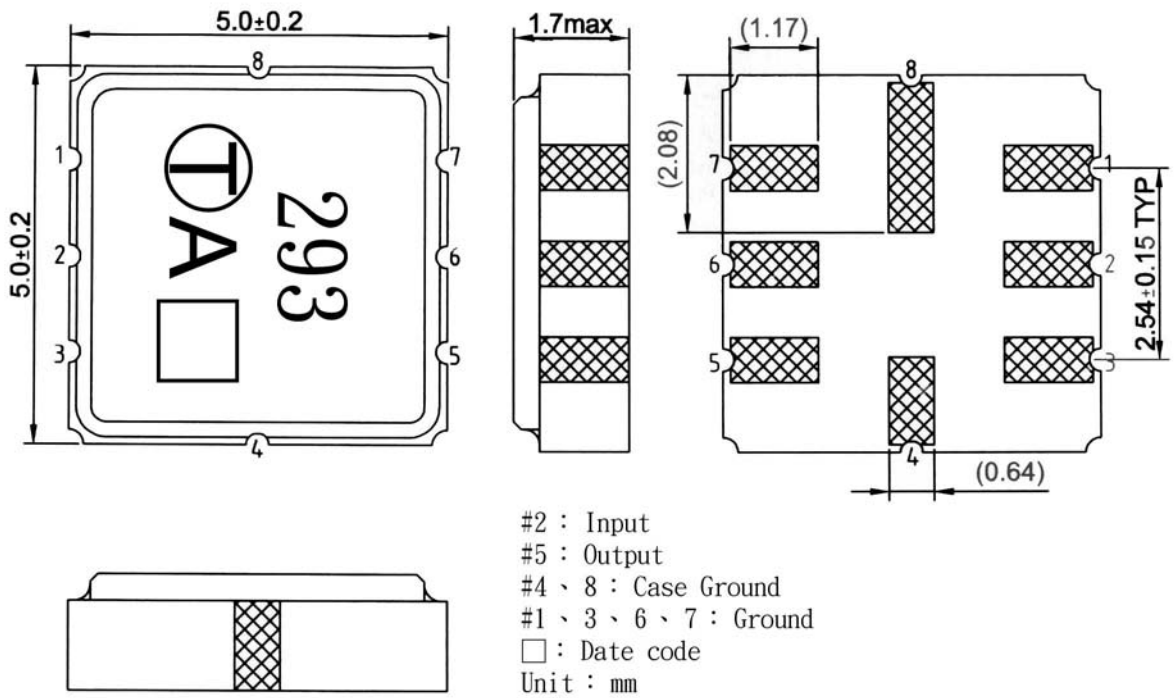


D. MEASUREMENT CIRCUIT:

HP Network analyzer

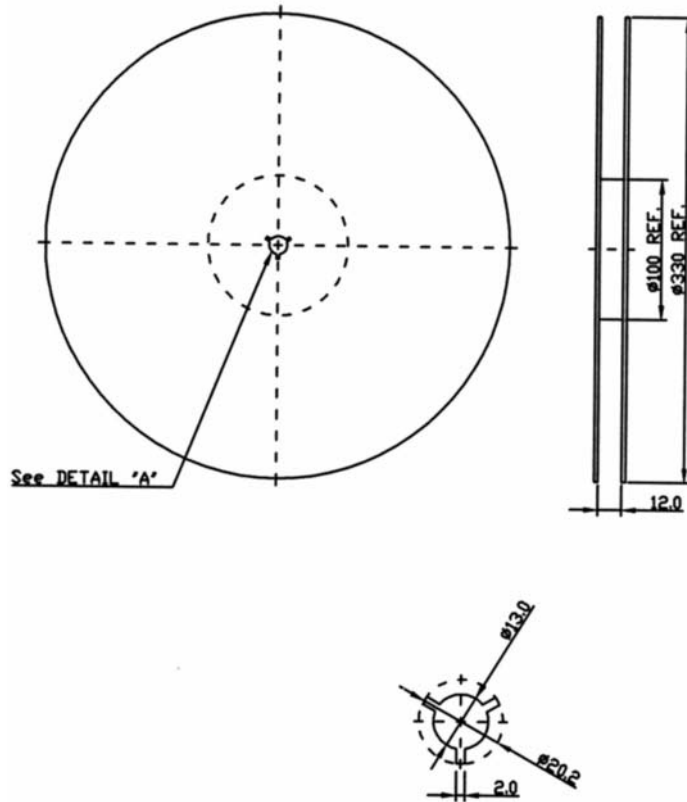


E. OUTLINE DRAWING:



F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

