



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 433.92MHz SMD5X5mm

TST Parts No.: TA0307A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Jacky Huang

Approval by: _____ Francis Chen

Date: _____ 2003/10/15



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

SAW Filter 433.92 MHz

MODEL NO.: TA0307A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 0 V
3. Operating Temperature: -45°C to +120°C
4. Storage Temperature: -45°C to +120°C

RoHS Compliant
Lead free
Lead-free soldering

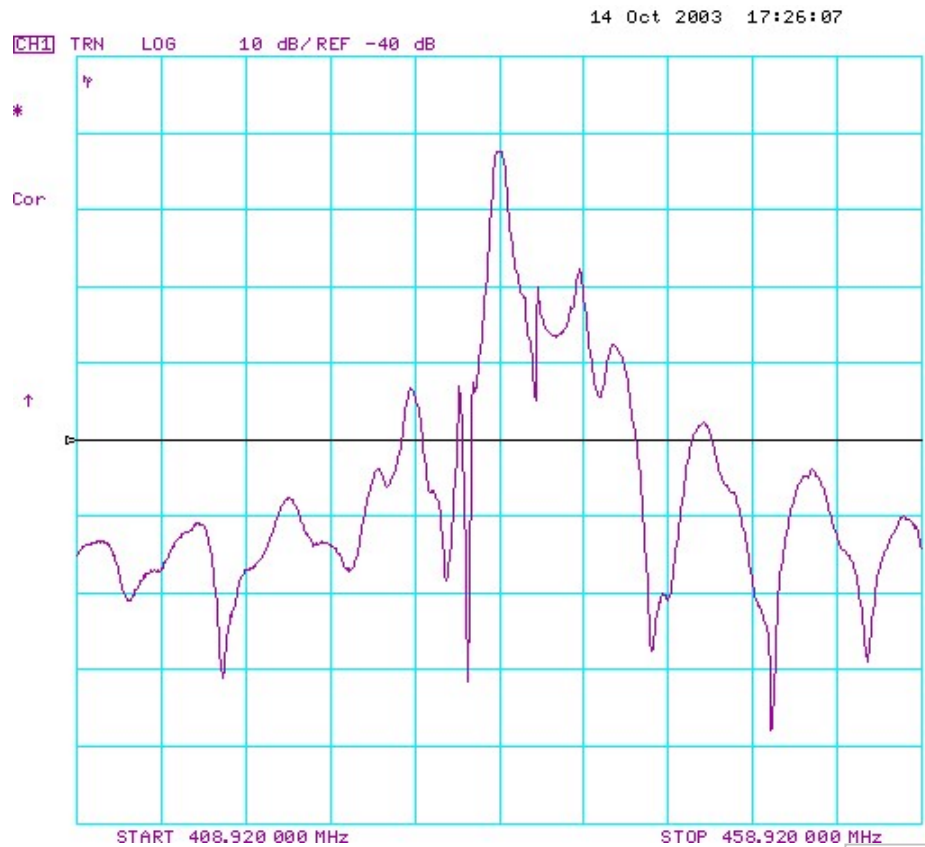
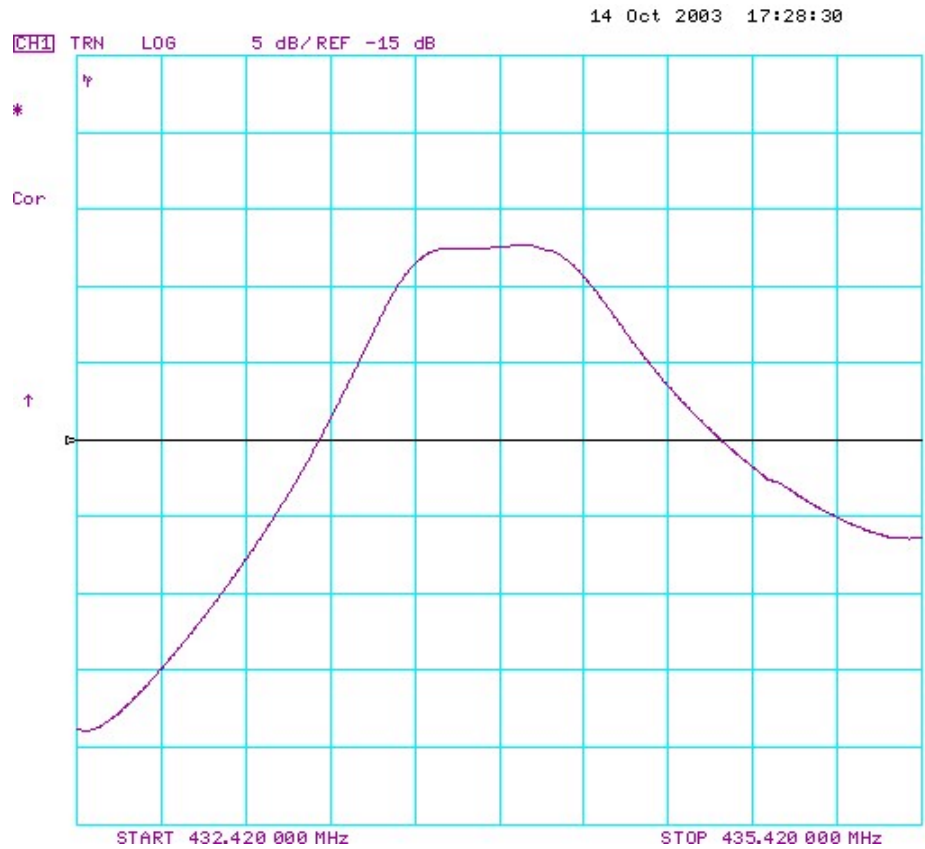
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: TA = -40 to 95°C

Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	-	433.92	-	1
Minimum I.L. (433.8~434.12 MHz) (dB) IL_{min}	-	2.2	4.0	
Pass band (relative to IL_{min})				
433.76~434.08 MHz (dB)	-	-	2.0	1
433.74~434.10 MHz (dB)	-	-	3.0	
433.68~434.16 MHz (dB)	-	-	6.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	670	720	-	
Attenuation:(relative to IL_{min}) (dB)				
10~414 MHz (dB)	45	48	-	1
414~427.5 MHz (dB)	40	43	-	
427.5~432.84 MHz (dB)	20	25	-	
434.92~442 MHz (dB)	10	15	-	
442~550 MHz (dB)	35	38	-	
550~1000 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.			

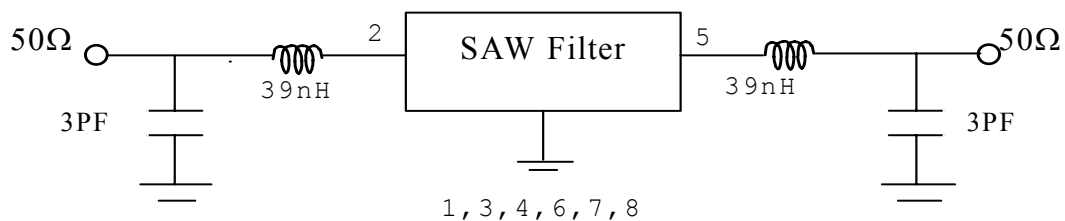
Note1. The standard definitions is in JIS C 6703

C.FREQUENCY CHARACTERISTICS:

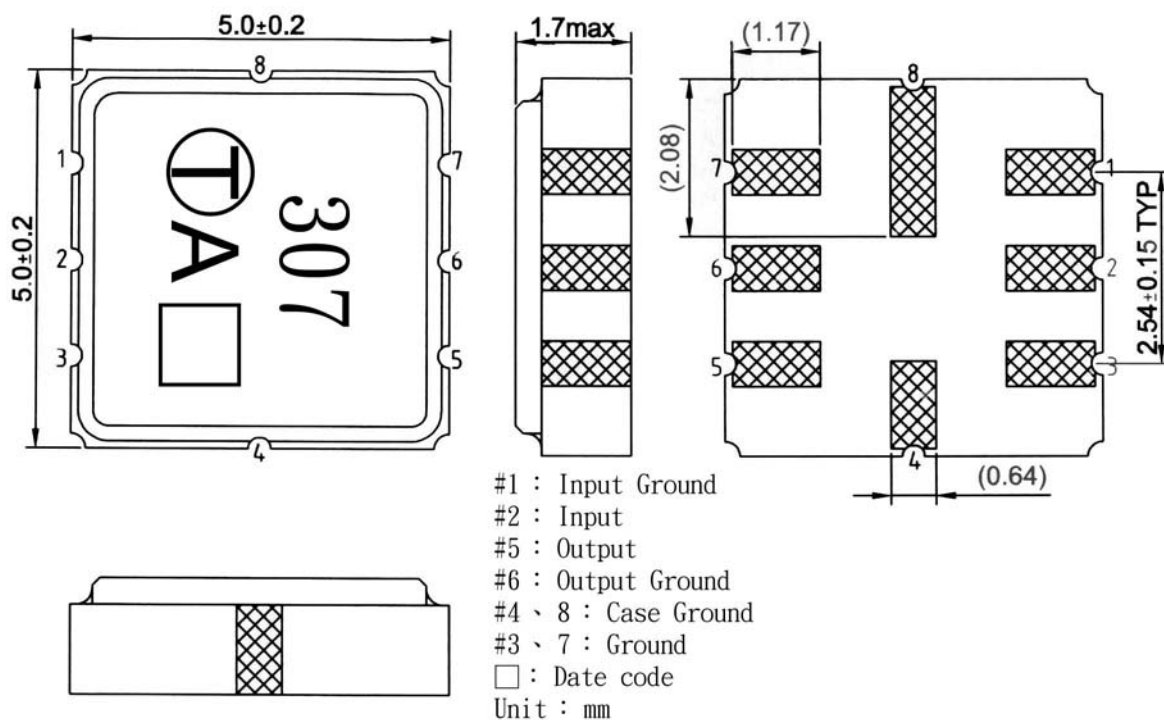


D. MEASUREMENT CIRCUIT:

HP Network analyzer

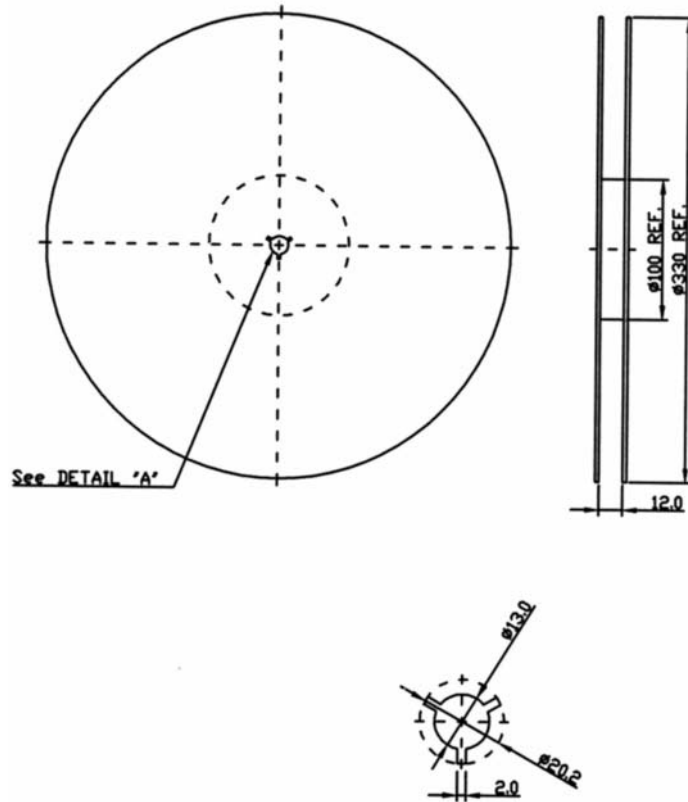


E. OUTLINE DRAWING:



F. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION

