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 315MHz SMD3.8X3.8mm

TST Parts No.: TA0301A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Jacky Huang

Approval by: Francis Chen

Date: 2003/11/18

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SAW Filter 315 MHz

MODEL NO.: TA0301A REV. NO.:3

A. MAXIMUM RATING:

1.Input Power Level: 10 dBm

2.DC voltage: 6 V

3.Operating Temperature: -40°C to +125°C

4.Storage Temperature: -40°C to +125°C

RoHS Compliant
Lead free
Lead-free soldering

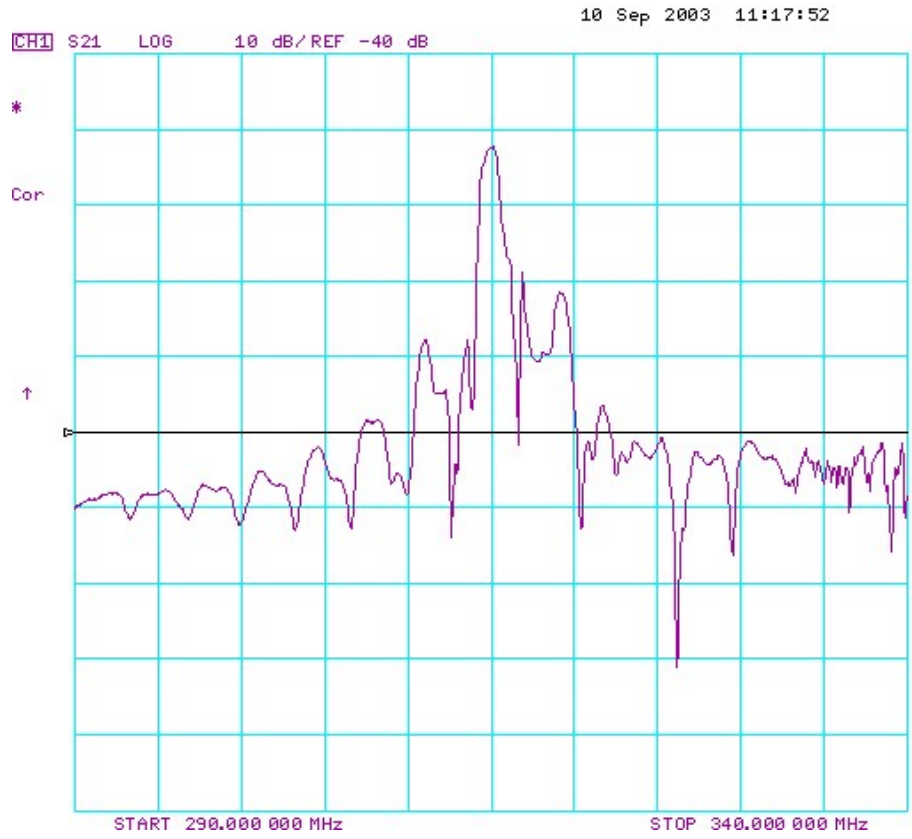
B. ELECTRICAL CHARACTERISTICS:

TA= -40°C to +95°C

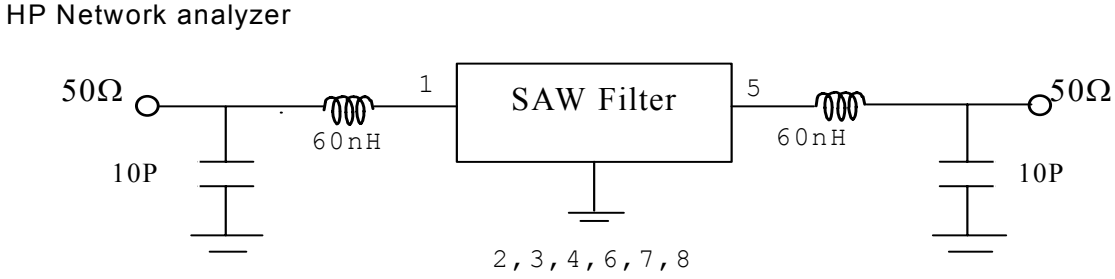
Item	Min.	Typ.	Max.	Note
Center frequency **F_C** (MHz)	-	315	-	1
Minimum **I.L.** (314.82~315.22 MHz) (dB) IL_{min}	-	2.2	4.0	
Pass band (relative to IL_{min})				
314.77~315.2 MHz (dB)	-	1.5	3.0	1
314.71~315.26 MHz (dB)	-	2.0	6.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	800	920	-	
Attenuation:(relative to IL_{min}) (dB)				
10~270 MHz (dB)	45	50	-	
270~309 MHz (dB)	30	35	-	1
309~313.94 MHz (dB)	15	20	-	
316~335 MHz (dB)	10	15	-	
335~400 MHz (dB)	35	40	-	
400~1000 MHz (dB)	45	50	-	
Impedance at **F_C** ; Input $Z_{IN}=R_{IN}//C_{IN}$	373Ω // 5.0 pF			
Output $Z_{OUT}=R_{OUT}//C_{OUT}$	373Ω // 5.0 pF			

Note1. The standard definitions is in JIS C 6703

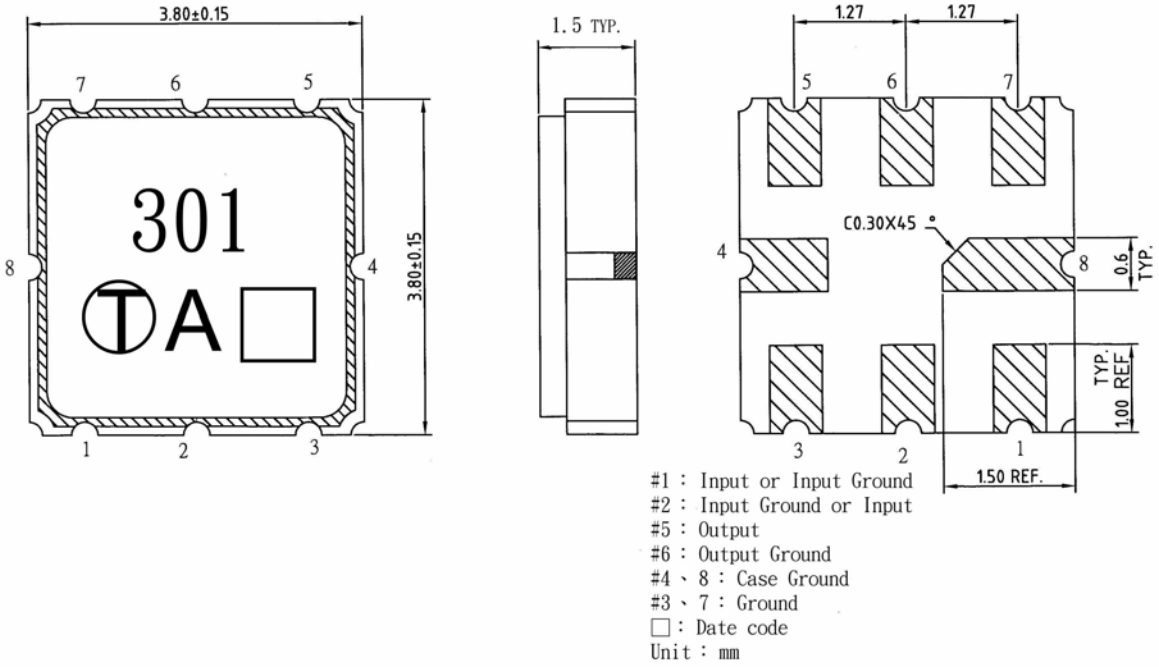
C.FREQUENCY CHARACTERISTICS:



D. MEASUREMENT CIRCUIT:

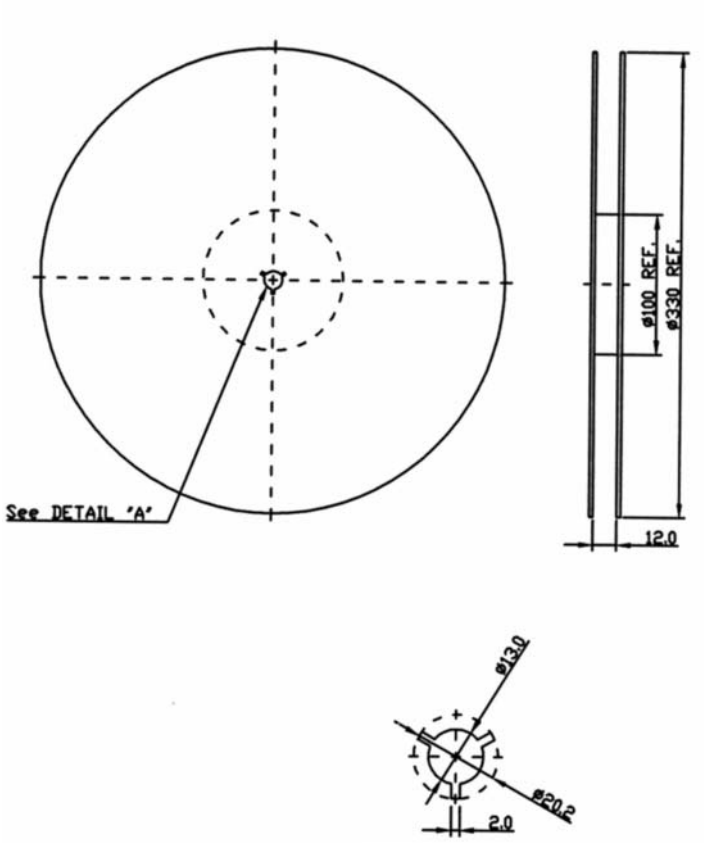
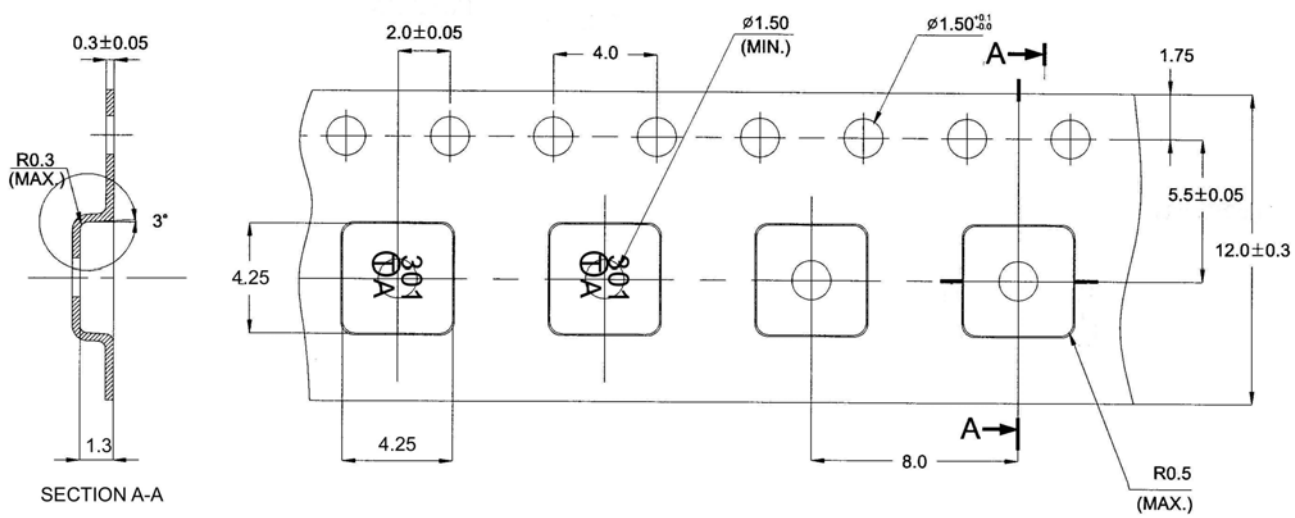


E.OUTLINE DRAWING:



F. PACKING:

1.REEL DIMENSION



2.TAPE DIMENSION