



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 315.5MHz TO39

TST Parts No.: TA0283A

Customer Parts No.: _____

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

Checked by: Jacky Huang

Approval by: Francis Chen

Date: 2003/5/16



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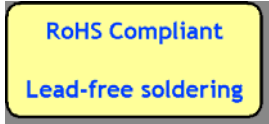
SAW Filter 315.5 MHz

MODEL NO.: TA0283A

REV. NO.:1

A. MAXIMUM RATING:

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

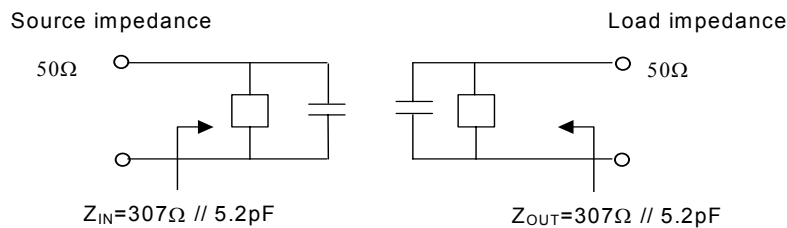


B. ELECTRICAL CHARACTERISTICS:

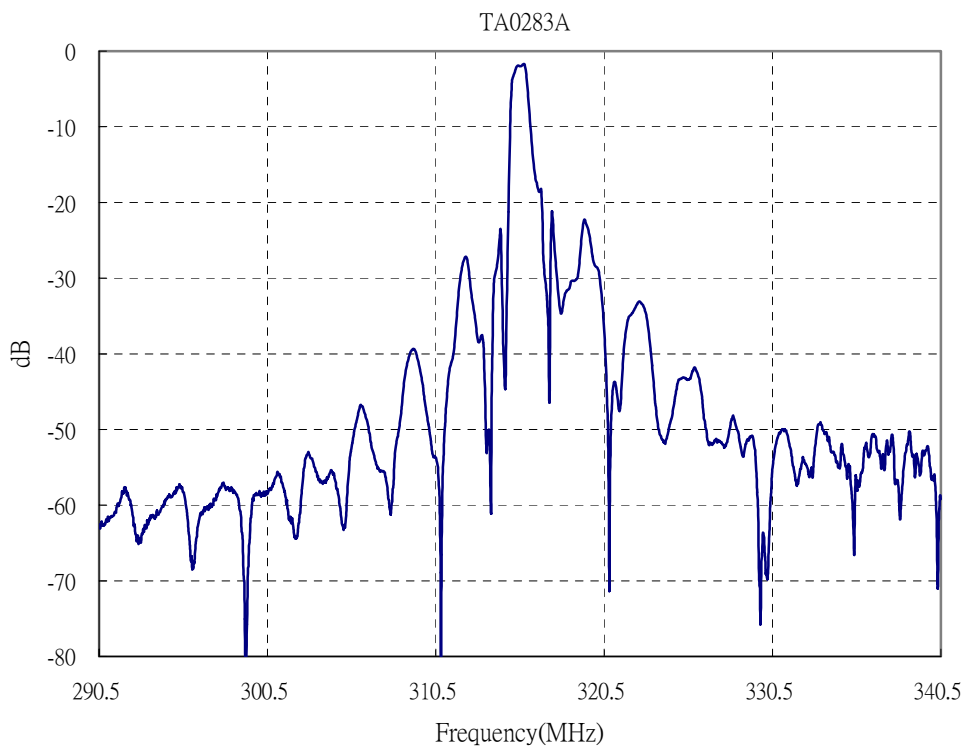
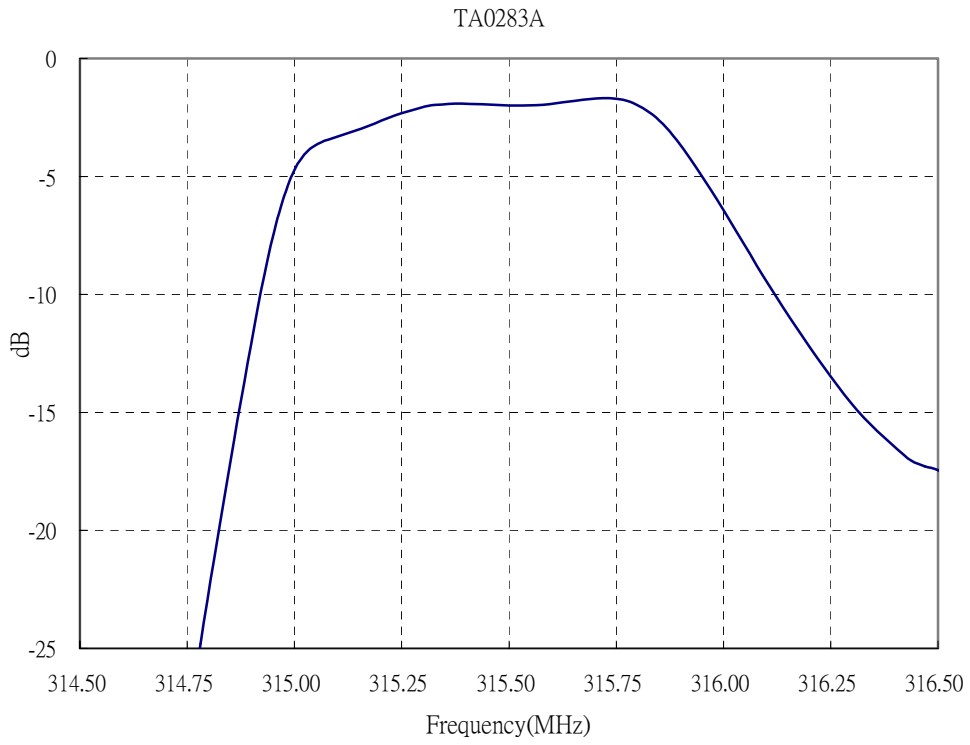
Item	Min.	Typ.	Max.	Note
Center frequency F_C (MHz)	-	315.5	-	1
Minimum I.L. (315.32~315.72 MHz) (dB) IL_{min}	-	2.0	3.5	
Pass band (relative to IL_{min})				
315.27~315.7 MHz (dB)	-	1.5	3.0	1
315.21~315.76 MHz (dB)	-	2.0	6.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	800	920	-	
Attenuation:(relative to IL_{min}) (dB)				
10.5~270.5 MHz (dB)	45	55	-	1
270.5~309.5 MHz (dB)	30	35	-	
309.5~314.44 MHz (dB)	15	20	-	
316.5~335.5 MHz (dB)	10	15	-	
335.5~400.5 MHz (dB)	35	45	-	
400.5~1000.5 MHz (dB)	45	55	-	
Impedance at F_C ; Input $Z_{IN}=R_{IN}/C_{IN}$ Output $Z_{OUT}=R_{OUT}/C_{OUT}$	307Ω // 5.2 pF 307Ω // 5.2 pF			2
Turnover To (deg.C)	25 typ.			

Note1. The standard definitions is in JIS C 6703

Note2.

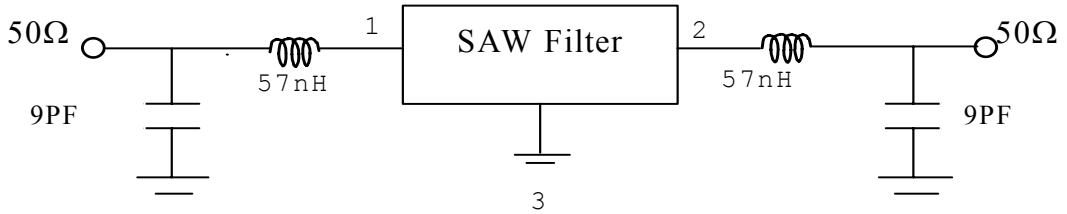


C.FREQUENCY CHARACTERISTICS:



D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:

