



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 869.85MHz SMD5X5mm

TST Parts No.: TA0317A

Customer Parts No.: _____

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

Checked by: Jacky Huang

Approval by Francis Chen

Date: 2003/11/27



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SAW Filter 869.85 MHz

MODEL NO.: TA0317A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 0 dBm
2. Operating Temperature: -45°C to +90°C
3. Storage Temperature: -45°C to +90°C

RoHS Compliant
Lead free
Lead-free soldering

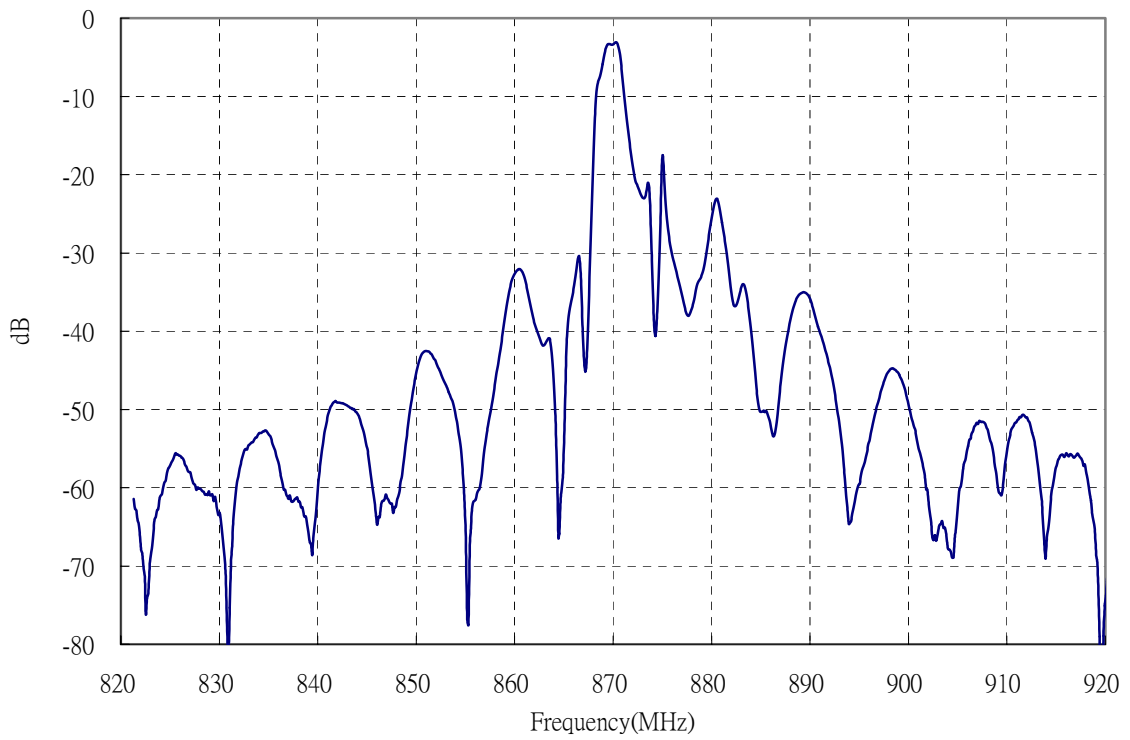
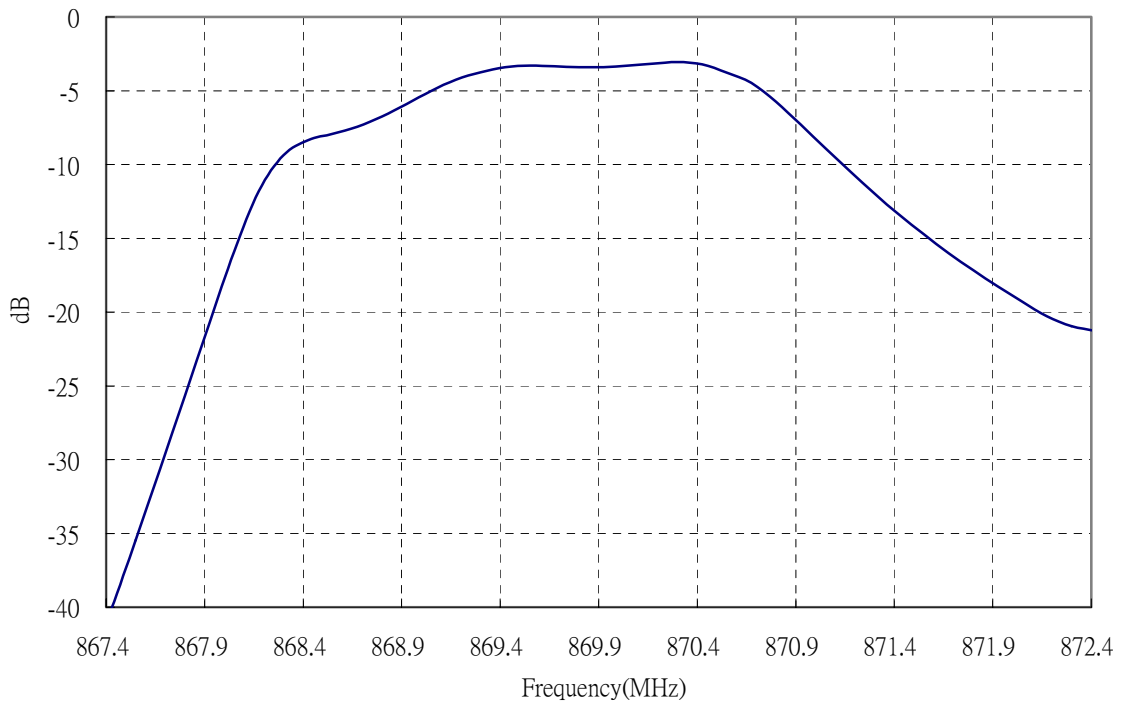
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: 25°C

Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	-	869.85	-	1
Minimum I.L. (869.45~870.43 MHz) (dB) IL_{min}	-	3.0	4.7	
Pass band (relative to IL_{min})				
869.45~870.43 MHz (dB)	-	1.0	3.0	1
869.37~870.51 MHz (dB)	-	1.5	6.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	-	1850	-	
Attenuation:(relative to IL_{min}) (dB)				
10~700.25 MHz (dB)	55	60	-	
700.25~843.25 MHz (dB)	40	45	-	
843.25~865.45 MHz (dB)	28	31	-	
865.45~867.25 MHz (dB)	15	22	-	1
871.94~872.75 MHz (dB)	10	15	-	
872.75~880.25 MHz (dB)	11	16	-	
880.25~910.25 MHz (dB)	15	20	-	
910.25~1000 MHz (dB)	45	50	-	
Impedance at F_c ; Input $Z_{IN}=R_{IN}/C_{IN}$ Output $Z_{OUT}=R_{OUT}/C_{OUT}$	117Ω // 3.7 pF 117Ω // 3.7 pF			

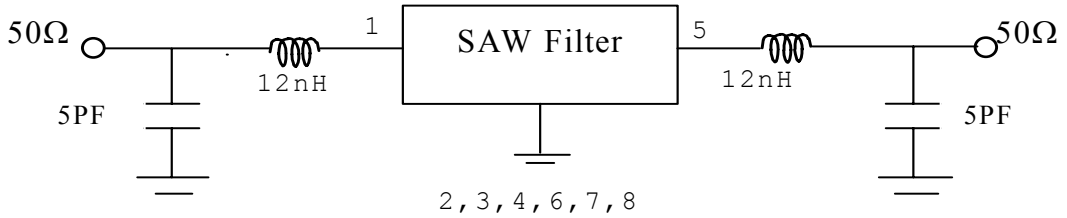
Note1. The standard definitions is in JIS C 6703

C.FREQUENCY CHARACTERISTICS:

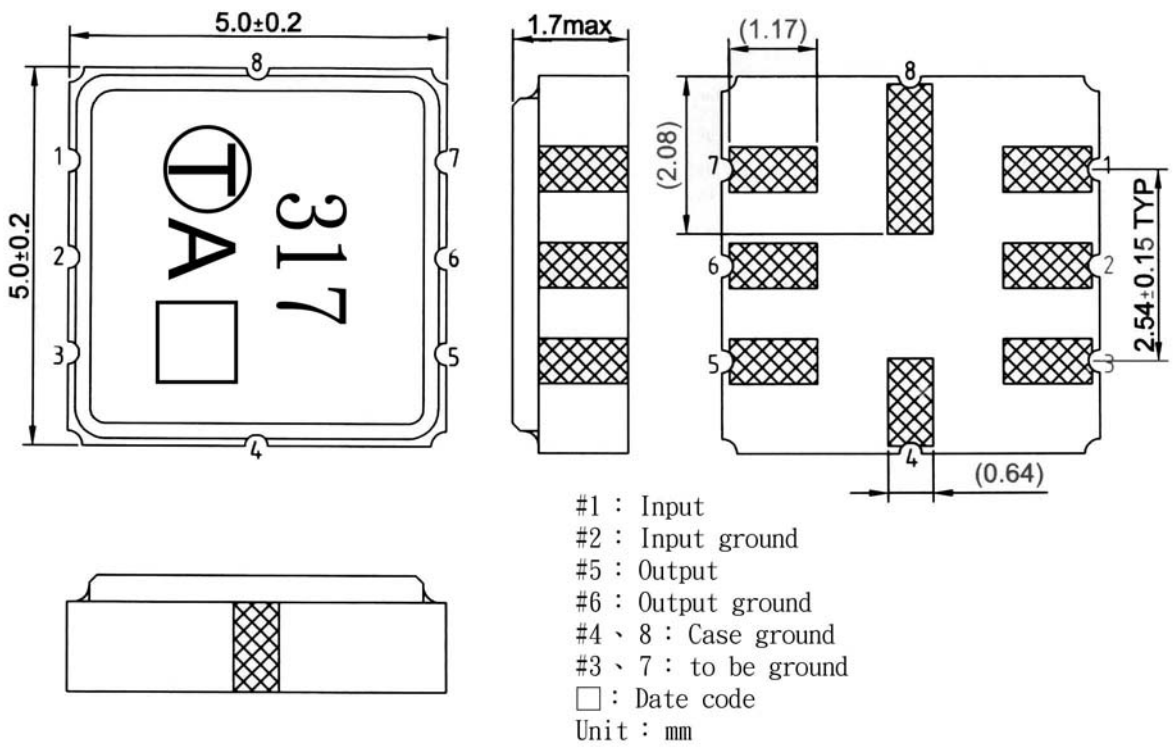


D. MEASUREMENT CIRCUIT:

HP Network analyzer

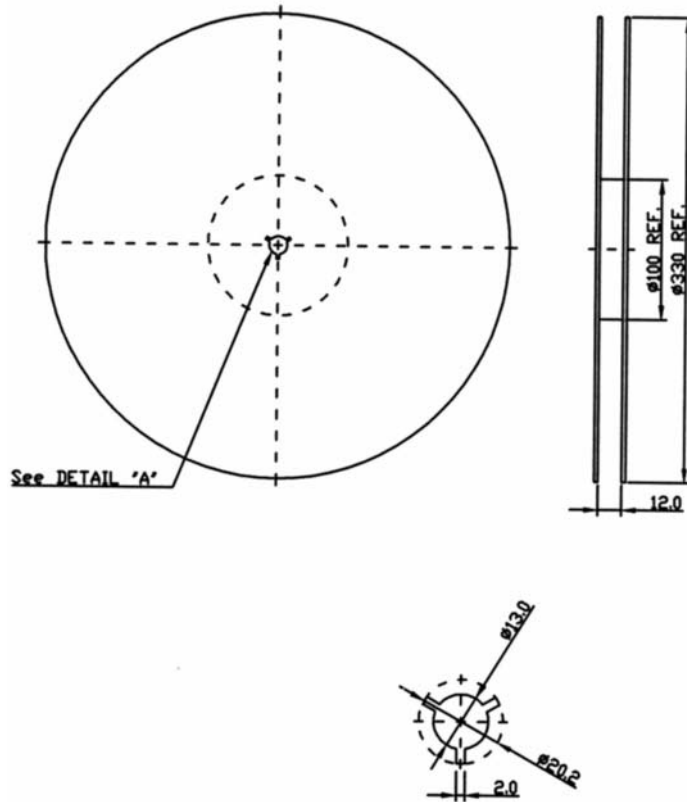


E. OUTLINE DRAWING:

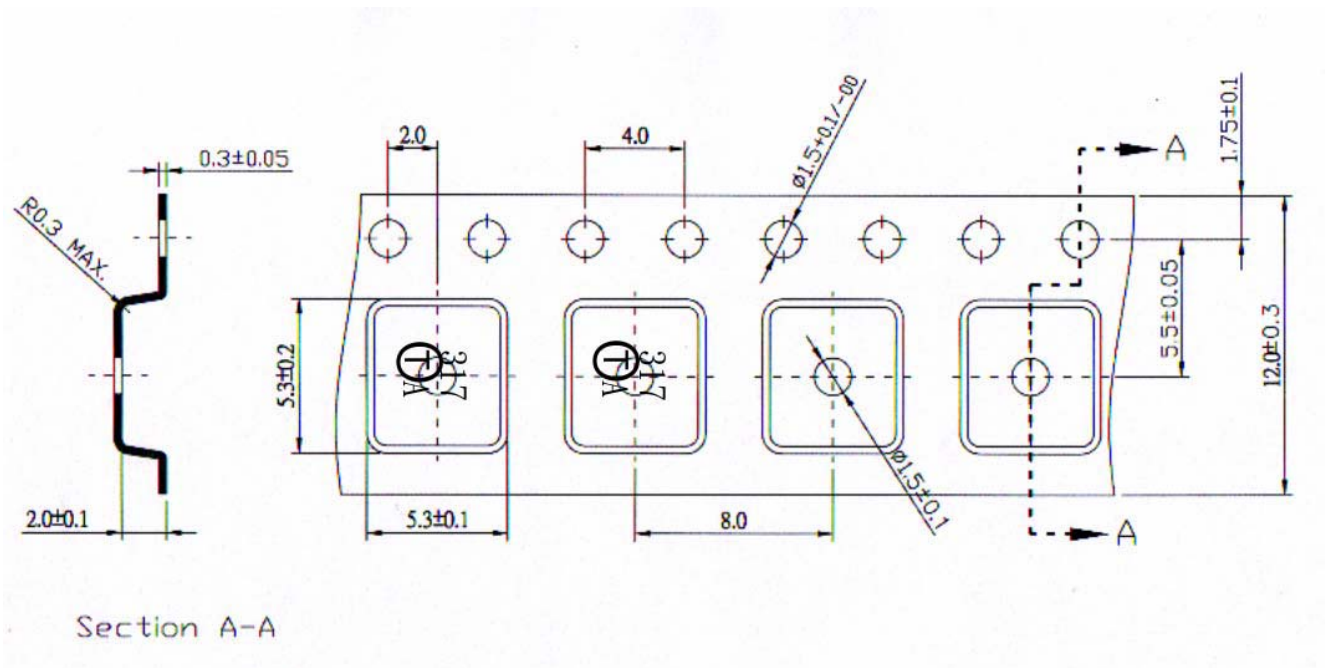


F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Section A-A